

RCC INSTITUTE OF INFORMATION TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to MAKAUT, W.B.

An ISO 9001 -2008 & ISO 14001 – 2004 Certified Institute

A Unit of RCC Institute of Technology an autonomous Society
of Department of Higher Education, Govt. of West Bengal.



ATTAINMENT DATA OF B.TECH IN INFORMATION TECHNOLOGY

ADMISSION BATCH 2017

DEPARTMENT OF INFORMATION TECHNOLOGY

**RCC INSTITUTE OF INFORMATION TECHNOLOGY
CANAL SOUTH ROAD, BELIAGHATA, KOLKATA- 700015, WEST BENGAL.**



Department of Information Technology

Vision

To empower students to become pacesetters in the industry or academia for ethically promoting and nurturing Information Technology based solutions addressing multidisciplinary needs of the society towards sustainable development.

Mission

To groom the students to:

- M1.** Be able to develop effective solution, in different settings and capacity, by analyzing various problems cross cutting multiple domains through emphasis on the basic concepts of engineering and customized application of Information Technology.
- M2.** Be devoted for lifelong learning for adapting to modern tools and to engage in research and innovation on complex problems to meet societal and environmental needs.
- M3.** Be able to apply leadership qualities and professional ethics to work in a team with effective communication and interpersonal skills for designing economically feasible applications.

Program Outcomes (PO)

[defined by NBA]

Engineering Graduates will be able to:

- PO-1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO-2. Problem analysis:** Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO-3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO-4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO-5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO-6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO-7. Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO-8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO-9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO-10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO-11. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO-12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



Correlation between Mission and POs												
Mission	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
M1	√	√	√		√				√			
M2				√	√	√	√					√
M3								√	√	√	√	

Program Educational Objective (PEO)

- PEO-1.** To learn core engineering principles for developing analytical and problem-solving skills for designing and using various applications of Information Technology.
- PEO-2.** To communicate and interact with external community and peer team members to understand and address different issues and challenges of environment, society and individual through applications of Information Technology and professional management skills.
- PEO-3.** To undertake research and development in frontiers of Information Technology through lifelong learning.
- PEO-4.** To become a professional with positive attitude, leadership skills, moral values and ethics.

Correlation between Mission and PEOs				
Mission	PEO1	PEO2	PEO3	PEO4
M1	<i>Strong</i>	<i>Strong</i>	<i>Weak</i>	<i>Weak</i>
M2	<i>Medium</i>	<i>Medium</i>	<i>Strong</i>	<i>Weak</i>
M3	<i>Weak</i>	<i>Strong</i>	<i>Weak</i>	<i>Strong</i>

Program Specific Outcomes (PSO)

- PSO-1.** Ability to develop smart programming skills through comprehensive understanding of analytical and logical concepts and algorithms.
- PSO-2.** Ability to investigate social, environmental, ethical and economic feasibility of an IT solution to a complex/ composite problem in terms of long-term impact and sustainability of every intricate application.
- PSO-3.** Ability to keep pace with fast changing technology like Machine Learning, Cloud Computing, IOT, Pattern Recognition and adapt to new tools, systems& applications and manage challenging IT projects.



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Assessment Process for Evaluation of Course Outcomes

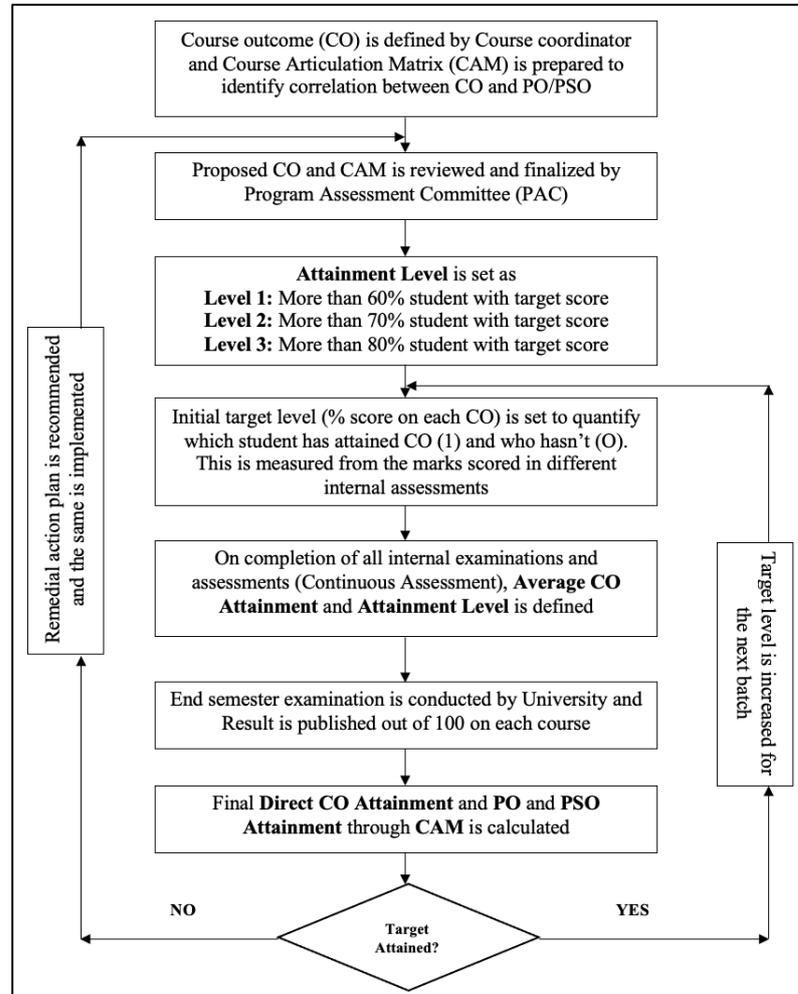


Fig.1. Assessment process and data acquisition for evaluation of course outcome



Program Articulation Matrix for All Courses

SEMESTER I															
COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
HU101	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	2.00	3.00	0.00	2.00	1.00	1.00	1.00
PH101	1.80	2.33	1.83	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00
M101	2.67	2.33	2.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00
ES101	3.00	3.00	3.00	0.00	2.33	1.50	0.00	0.00	2.00	1.00	0.00	1.50	2.83	2.00	1.33
ME101	3.00	3.00	1.83	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
ES191	3.00	3.00	2.83	2.67	1.33	0.00	0.00	0.00	1.33	1.83	0.00	1.17	2.50	1.50	0.00
PH191	2.00	2.33	2.00	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00
ME192	1.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00	1.75	1.00	1.40	1.00	1.00	1.00	1.00
HU181	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	2.00	3.00	0.00	2.00	1.00	1.00	1.00
XC181	2.17	2.00	1.83	2.00	2.40	3.00	2.00	1.00	3.00	3.00	2.17	2.04	2.00	2.67	1.00
SEMESTER II															
COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS201	3.00	1.50	2.00	1.50	2.00	2.00	2.00	2.33	3.00	3.00	1.50	1.67	3.00	2.17	2.17
CH201	3.00	1.67	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
M201	2.83	2.50	2.67	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00
ES201	3.00	3.00	3.00	0.00	2.33	1.50	0.00	0.00	2.00	1.00	0.00	1.50	2.67	2.17	1.00
ME201	2.00	2.00	1.00	0.00	1.00	1.00	2.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00
CS291	3.00	1.50	2.00	1.50	2.00	2.00	2.00	2.33	3.00	3.00	1.50	1.67	3.00	1.67	1.33
CH291	3.00	1.67	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
ES291	3.00	3.00	3.00	3.00	3.00	0.00	0.00	0.00	1.50	1.83	0.00	1.17	2.50	1.83	1.00
ME292	2.00	2.00	2.00	0.00	1.00	1.00	0.00	2.00	2.00	0.00	0.00	0.00	1.00	1.00	0.00
SEMESTER III															
COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
HU301	2.25	2.33	2.17	2.00	2.50	3.00	3.00	3.00	2.00	2.00	3.00	2.67	2.25	2.17	1.00
PH301	1.50	2.33	1.83	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	1.50	0.00
CH301	0.00	1.83	1.17	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00
CS301	3.00	2.00	1.83	1.17	2.00	2.00	2.00	2.50	2.67	1.80	1.80	2.00	3.00	2.17	2.33
CS302	3.00	2.17	2.17	2.33	2.00	1.67	1.67	1.00	3.00	1.33	2.00	1.50	2.33	2.33	1.67
CS303	3.00	2.17	1.83	1.33	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.00	1.50	1.17
PH391	3.00	1.67	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.50	0.00
CS391	3.00	3.00	2.83	1.67	2.33	0.00	0.00	1.75	1.00	0.00	1.00	1.67	3.00	2.50	2.33
CS392	3.00	2.75	2.17	2.50	3.00	1.67	1.67	1.00	3.00	1.33	2.00	1.50	2.33	2.33	3.00
CS393	3.00	2.83	1.83	1.33	1.00	0.00	0.00	1.00	2.00	0.00	1.00	1.67	3.00	1.33	0.00



SEMESTER IV

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
M(CS)401	3.00	1.83	2.00	1.83	2.50	2.00	1.00	1.00	2.00	1.80	1.00	1.83	3.00	2.17	1.00
M401	3.00	2.67	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	2.50	0.00	1.00
CS401	3.00	2.00	1.83	1.17	2.00	2.00	2.00	2.50	2.67	1.80	1.80	2.00	3.00	2.17	2.33
CS402	1.83	2.00	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	1.00	1.33	1.50
IT401	1.33	1.33	1.33	1.00	1.33	0.00	0.00	0.00	2.00	2.00	1.50	1.00	3.00	1.00	1.00
HU481	2.25	1.83	2.50	2.60	2.60	2.50	2.00	2.33	3.00	3.00	2.00	3.00	2.25	3.00	1.25
MCS491	1.33	1.00	1.50	1.00	1.33	0.00	0.00	0.00	2.00	1.17	1.50	1.00	3.00	1.00	1.00
CS491	3.00	3.00	2.83	1.67	2.33	0.00	0.00	1.75	1.00	0.00	1.00	1.67	3.00	2.50	2.33
CS492	3.00	3.00	2.67	1.40	2.00	1.00	1.67	1.67	2.00	2.00	1.50	2.00	3.00	2.67	1.50
IT491	1.33	1.00	1.50	1.00	1.33	0.00	0.00	0.00	2.00	1.17	1.50	1.00	3.00	1.00	1.00

SEMESTER V

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
HU501	3.00	3.00	3.00	0.00	3.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
IT501	3.00	1.83	1.67	1.17	2.00	2.00	2.00	2.50	2.67	1.80	1.80	2.00	3.00	1.67	0.00
IT502	3.00	1.83	2.00	1.83	2.5	1.00	1.00	1.00	1.50	1.80	1.00	1.83	3.00	2.17	1.00
IT503	3.00	2.00	1.83	1.40	2.00	1.00	1.00	0.00	0.00	1.20	0.00	2.00	2.50	2.33	1.33
IT504F	3.00	2.83	3.00	2.00	1.83	1.50	2.00	2.00	2.33	3.00	2.00	2.00	3.00	2.17	3.00
IT591	3.00	3.00	2.83	1.67	2.33	0.00	0.00	1.75	1.00	0.00	1.00	1.67	3.00	2.50	0.00
IT592	1.33	1.00	1.50	1.00	1.33	0.00	0.00	0.00	2.00	1.17	1.50	1.00	3.00	1.00	1.00
IT593	3.00	2.17	1.67	1.00	0.00	1.50	0.00	0.00	0.00	0.00	2.00	2.00	2.67	1.83	1.50
IT594F	2.67	2.67	2.83	2.20	2.17	2.50	2.00	3.00	2.00	2.00	2.00	1.50	3.00	2.17	3.00

SEMESTER VI

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
HU601	3.00	0.00	1.00	0.00	1.00	3.00	3.00	0.00	1.00	1.50	3.00	0.00	1.50	1.00	0.00
IT601	3.00	2.17	2.67	2.00	1.67	1.00	1.00	0.00	0.00	1.00	1.00	1.50	3.00	1.00	1.00
IT602	3.00	2.00	1.83	1.17	2.00	2.00	2.00	1.75	3.00	1.80	1.80	2.33	2.00	2.17	1.67
IT603	2.00	2.00	1.80	1.00	2.60	2.00	1.00	1.00	1.60	1.17	1.40	1.33	1.17	1.50	1.00
IT604D	3.00	2.33	2.33	3.00	2.00	1.00	1.00	1.00	1.00	2.50	2.00	2.00	2.00	2.00	3.00
IT605C	2.67	1.83	1.50	1.60	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	2.00	3.00
IT605D	3.00	2.00	1.83	1.80	2.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	1.60	1.20	2.33
IT691	3.00	2.33	2.33	2.33	1.33	1.00	0.00	0.00	0.00	1.00	1.00	1.67	2.50	1.50	1.00
IT692	3.00	2.17	2.25	1.75	1.80	2.00	1.33	1.60	2.00	1.83	1.75	2.33	2.33	2.17	2.5
IT693	2.00	2.00	3.00	1.60	2.00	1.00	1.67	1.67	2.00	2.00	1.50	2.00	1.60	2.00	1.50
IT681	2.50	2.20	2.00	2.25	1.80	1.75	2.00	1.80	2.83	2.17	1.60	2.00	2.33	2.33	2.67



SEMESTER VII

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
IT701	2.17	2.00	1.83	1.67	1.83	1.75	1.60	2.00	2.67	1.67	1.80	2.00	2.50	2.17	1.00
IT702	1.00	0.00	3.00	0.00	1.33	0.00	0.00	0.00	1.00	0.00	1.50	1.00	1.00	0.00	1.00
IT703A	3.00	2.50	2.50	3.00	2.50	1.00	1.00	1.00	1.00	2.33	2.00	2.00	2.40	2.00	2.00
IT704B	3.00	2.00	1.67	1.80	1.67	1.67	1.50	1.20	1.50	1.17	1.20	1.67	1.25	1.40	1.67
IT705D	3.00	2.83	1.17	2.50	2.17	1.00	1.00	0.00	1.00	0.00	2.00	3.00	1.00	1.00	2.00
HU781	2.00	2.00	2.25	2.67	1.75	1.60	1.67	1.67	3.00	1.00	1.33	1.00	2.00	2.17	2.34
IT791	2.00	1.83	2.83	1.67	2.33	1.75	1.75	1.75	1.25	1.33	1.25	1.67	2.67	2.17	1.00
IT792	1.00	0.00	2.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	2.00	1.00	1.00	2.00	1.00
IT793A	3.00	2.83	3.00	3.00	2.33	1.00	1.00	1.00	2.00	2.33	2.00	2.00	3.00	3.00	2.00
IT794	2.00	2.33	2.50	2.25	2.20	2.00	2.00	0.00	3.00	0.00	2.00	2.00	1.40	1.83	1.33
IT795	2.00	2.50	3.00	2.50	2.50	2.50	3.00	2.00	3.00	3.00	2.00	2.00	1.67	2.20	2.40

SEMESTER VIII

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
HU801A	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	2.00	0.00	3.00	0.00	0.00	1.67	0.00
HU801B	2.17	2.17	1.83	1.67	2.33	1.80	2.00	2.00	2.50	1.80	1.83	1.67	2.83	2.33	1.00
IT801D	3.00	2.00	2.00	1.75	0.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.67
IT802B	2.67	1.83	2.00	1.75	2.50	1.67	1.25	2.17	1.00	0.00	0.00	2.00	2.00	2.67	1.67
IT891	3.00	2.50	2.40	2.40	2.00	1.33	1.33	1.67	2.00	2.00	0.00	0.00	3.00	1.33	1.80
IT892	2.16	2.00	2.00	2.50	2.33	1.00	1.00	2.00	2.80	2.67	2.50	2.50	2.33	2.33	2.50
IT893	2.20	2.25	1.75	2.00	2.00	0.00	2.00	0.00	0.00	2.50	2.00	2.33	2.67	2.33	2.00



PO Attainment Matrix for All Courses

SEMESTER I															
COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
HU101	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00	1.50	0.00	1.00	0.50	0.50	0.50
PH101	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00
M101	1.78	1.56	1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	1.33	0.00
ES101	0.00	2.33	1.50	0.00	0.00	2.00	1.00	0.00	1.50	0.00	2.33	1.50	2.83	2.00	1.33
ME101	1.50	1.50	0.92	0.50	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
ES191	1.40	1.40	1.32	1.24	0.62	0.00	0.00	0.00	0.62	0.86	0.00	0.54	1.17	0.70	0.00
PH191	2.00	2.33	2.00	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00
ME192	1.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00	1.75	1.00	1.40	1.00	1.00	1.00	1.00
HU181	0.00	0.00	0.00	0.00	0.00	0.93	0.93	0.00	0.93	1.40	0.00	0.93	0.47	0.47	0.47
XC181	2.17	2.00	1.83	2.00	2.40	3.00	2.00	1.00	3.00	3.00	2.17	1.96	2.00	2.67	1.00
SEMESTER II															
COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CS201	2.50	1.25	1.67	1.25	1.67	1.67	1.67	1.94	2.50	2.50	1.25	1.39	2.5	1.81	1.81
CH201	3.00	1.67	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
M201	1.42	1.25	1.33	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00
ES201	1.50	1.50	1.50	0.00	1.17	0.75	0.00	0.00	1.00	0.50	0.00	0.75	1.33	1.08	0.50
ME201	1.67	1.67	0.83	0.00	0.83	0.83	1.67	0.83	0.00	0.00	0.83	0.83	0.00	0.83	0.00
CS291	1.80	0.90	1.20	0.90	1.20	1.20	1.20	1.40	1.80	1.80	0.90	1.00	1.80	1.00	0.80
CH291	2.00	1.11	0.67	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.00
ES291	2.40	2.40	2.40	2.40	2.40	0.00	0.00	0.00	1.20	1.47	0.00	0.93	2.00	1.47	0.80
ME292	2.00	2.00	2.00	0.00	1.00	1.00	0.00	2.00	2.00	0.00	0.00	0.00	1.00	1.00	0.00
SEMESTER III															
COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
HU301	1.88	1.94	1.81	1.67	2.08	2.50	2.50	2.50	1.67	1.67	2.50	2.22	1.875	1.81	0.83
PH301	1.00	1.56	1.22	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	1.00	0.00
CH301	0.00	1.53	0.97	0.00	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.83	0.83	0.83	0.83
CS301	1.50	1.00	0.92	0.58	1.00	1.00	1.00	1.25	1.33	0.90	0.90	1.00	1.50	1.08	1.17
CS302	2.50	1.81	1.81	1.94	1.67	1.39	1.39	0.83	2.50	1.11	1.67	1.25	1.94	1.94	1.39
CS303	2.50	1.81	1.53	1.11	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.83	2.5	1.25	0.97
PH391	3.00	1.67	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	1.50	0.00
CS391	3.00	3.00	2.83	1.67	2.33	0.00	0.00	1.75	1.00	0.00	1.00	1.67	3.00	2.50	2.33
CS392	3.00	2.75	2.17	2.50	3.00	1.67	1.67	1.00	3.00	1.33	2.00	1.50	2.33	2.33	3.00
CS393	3.00	2.83	1.83	1.33	1.00	0.00	0.00	1.00	2.00	0.00	1.00	1.67	3.00	1.33	0.00



SEMESTER IV															
COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
M(CS)401	2.50	1.53	1.67	1.53	2.08	1.67	0.83	0.83	1.67	1.50	0.00	0.00	2.5	1.81	0.83
M401	2.50	2.22	2.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.00	2.08	0.00	0.83
CS401	2.50	1.67	1.53	0.97	1.67	1.67	1.67	2.08	2.22	1.50	1.50	1.67	2.50	1.81	1.94
CS402	1.83	2.00	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	1	1.33	1.50
IT401	1.11	1.11	1.11	0.83	1.11	0.00	0.00	0.00	1.67	1.67	1.25	0.83	2.5	0.83	0.83
HU481	1.20	0.98	1.33	1.39	1.39	1.33	1.07	1.24	1.60	1.60	1.07	1.60	1.20	1.60	0.67
MCS491	1.07	0.80	1.20	0.80	1.07	0.00	0.00	0.00	1.60	0.93	1.20	0.80	2.40	0.80	0.80
CS491	3.00	3.00	2.83	1.67	2.33	0.00	0.00	1.75	1.00	0.00	1.00	1.67	3.00	2.50	2.33
CS492	3.00	3.00	2.67	1.40	2.00	1.00	1.67	1.67	2.00	2.00	1.50	2.00	3.00	2.67	1.50
IT491	0.80	0.60	0.90	0.60	0.80	0.00	0.00	0.00	1.20	0.70	0.90	0.60	1.80	0.60	0.60
SEMESTER V															
COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
HU501	2.50	2.50	2.50	0.00	2.50	0.00	0.83	0.00	0.83	0.00	0.00	0.00	0	0.00	0.00
IT501	2.50	1.53	1.39	0.97	1.67	1.67	1.67	2.08	2.22	1.50	1.50	1.67	2.5	1.39	0
IT502	1.50	0.92	1.00	0.92	1.25	0.50	0.50	0.50	0.75	0.90	0.50	0.92	1.5	1.08	1.29
IT503	2.50	1.67	1.53	1.17	1.67	0.83	0.83	0.00	0.00	1.00	0.00	1.67	2.08	1.94	1.11
IT504F	2.50	2.36	2.50	1.67	1.53	1.25	1.67	1.67	1.94	2.50	1.67	1.67	2.50	1.81	2.50
IT591	1.80	1.80	1.70	1.00	1.40	0.00	0.00	1.05	0.60	0.00	0.60	1.00	1.80	1.50	0.00
IT592	1.33	1.00	1.50	1.00	1.33	0.00	0.00	0.00	2.00	1.17	1.50	1.00	3.00	1.00	1.00
IT593	2.60	1.88	1.44	0.87	0.00	1.30	0.00	0.00	0.00	0.00	1.73	1.73	2.31	1.59	1.30
IT594F	2.67	2.67	2.83	2.20	2.17	2.50	2.00	3.00	2.00	2.00	2.00	1.50	3.00	2.17	3.00
SEMESTER VI															
COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
HU601	2.50	0.00	0.83	0.00	0.83	2.50	2.50	0.00	0.83	1.25	2.50	0.00	1.25	0.83	0
IT601	2.50	1.81	2.22	1.67	1.39	0.83	0.83	0.00	0.00	0.83	0.83	1.25	2.50	0.83	0.83
IT602	3.00	2.00	1.83	1.17	2.00	2.00	2.00	1.75	3.00	1.80	1.80	2.33	2.00	2.17	1.67
IT603	2.00	2.00	1.80	1.00	2.60	2.00	1.00	1.00	1.60	1.17	1.40	1.33	1.17	1.50	1.00
IT604D	3.00	2.33	2.33	3.00	2.00	1.00	1.00	1.00	1.00	2.50	2.00	2.00	2.00	2.00	3.00
IT605C	2.67	1.83	1.50	1.60	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	3.00
IT605D	3.00	2.00	1.83	1.80	2.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60	1.20	2.33	1.60
IT691	3.00	2.33	2.33	2.33	1.33	1.00	0.00	0.00	0.00	1.00	1.00	1.67	2.50	1.50	1.00
IT692	3.00	2.17	2.25	1.75	1.80	2.00	1.33	1.60	2.00	1.83	1.75	2.33	2.33	2.17	2.50
IT693	2.00	2.00	3.00	1.60	2.00	1.00	1.67	1.67	2.00	2.00	1.50	2.00	1.60	2.00	1.50
IT681	2.50	2.20	2.00	2.25	1.80	1.75	2.00	1.80	2.83	2.17	1.60	2.00	2.33	2.33	2.67



SEMESTER VII

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
IT701	2.17	2.00	1.83	1.67	1.83	1.75	1.60	2.00	2.67	1.67	1.80	2.00	3.00	2.00	1.00
IT702	1.00	0.00	3.00	0.00	1.33	0.00	0.00	0.00	1.00	0.00	1.50	1.00	1.00	0.00	1.00
IT703A	3.00	2.50	2.50	3.00	2.50	1.00	1.00	1.00	1.00	2.33	2.00	2.00	2.40	2.00	2.00
IT704B	3.00	2.00	1.67	1.80	1.67	1.67	1.50	1.20	1.50	1.17	1.20	1.67	1.25	1.40	1.67
IT705D	3.00	2.83	1.17	2.50	2.17	1.00	1.00	0.00	1.00	0.00	2.00	3.00	1.00	1.00	2.00
HU781	2.00	2.00	2.25	2.67	1.75	1.60	1.67	1.67	3.00	1.00	1.33	1.00	2.00	2.17	2.34
IT791	2.00	1.83	2.83	1.67	2.33	1.75	1.75	1.75	1.25	1.33	1.25	1.67	2.67	2.17	1.00
IT792	1.00	0.00	2.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	2.00	1.00	1.00	2.00	1.00
IT793A	3.00	2.83	3.00	3.00	2.33	1.00	1.00	1.00	2.00	2.33	2.00	2.00	3.00	3.00	2.00
IT794	2.00	2.33	2.50	2.25	2.20	2.00	2.00	0.00	3.00	0.00	2.00	2.00	1.40	1.83	1.33
IT795	2.00	2.50	3.00	2.50	2.50	2.50	3.00	2.00	3.00	3.00	2.00	2.00	1.67	2.20	2.40

SEMESTER VIII

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
HU801A	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	2.00	0.00	3.00	0.00	0.00	1.67	0.00
IT801B	2.17	2.17	1.83	1.67	2.33	1.80	2.00	2.00	2.50	1.80	1.83	1.67	2.83	2.33	1.00
IT801D	3.00	2.00	2.00	1.75	0.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.67
IT802B	2.67	1.83	2.00	1.75	2.50	1.67	1.25	2.17	1.00	0.00	0.00	2.00	2	2.67	1.67
IT891	3.00	2.50	2.40	2.40	2.00	1.33	1.33	1.67	2.00	2.00	0.00	0.00	3.00	1.33	1.80
IT892	1.58	1.47	1.47	1.83	1.71	0.73	0.73	1.47	2.05	1.96	1.83	1.83	1.71	1.71	1.83
IT893	0.73	0.75	0.58	0.67	0.67	0.00	0.67	0.00	0.00	0.83	0.67	0.78	0.89	0.78	0.67

Overall Attainment Process

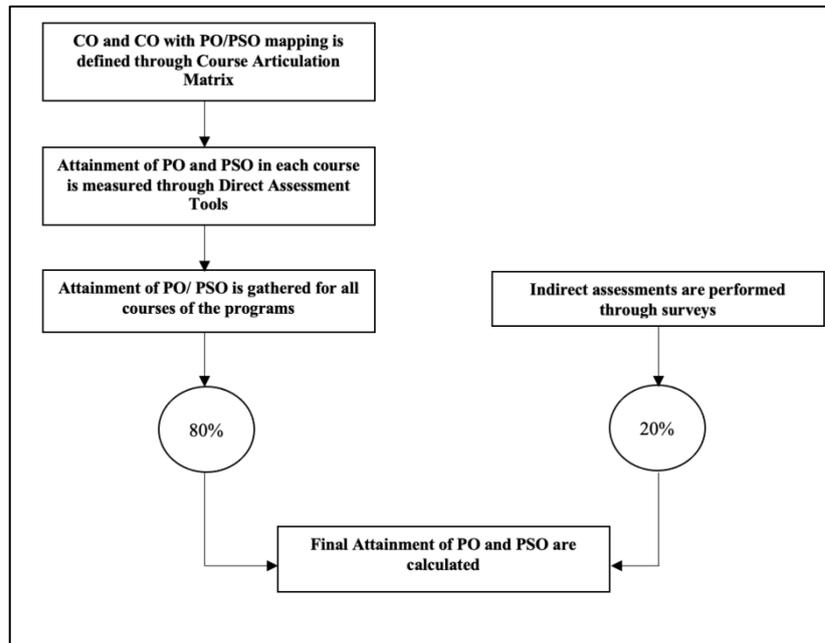


Fig. 2. Measurement process for PO and PSO



Overall PO and PSO Attainment

Table 1: Overall PO Attainment

Attainments	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment	2.18	1.89	1.79	1.54	1.71	1.46	1.41	1.50	1.75	1.56	1.53	1.46
Indirect Attainment	1.72	1.71	1.94	1.81	1.89	1.63	1.56	1.77	2.01	1.47	1.85	1.73
Overall Attainment	2.09	1.85	1.82	1.59	1.74	1.49	1.44	1.56	1.80	1.55	1.59	1.51

Table 2: Overall PSO Attainment

Attainments	PSO1	PSO2	PSO3
Direct Attainment	1.89	1.58	1.44
Indirect Attainment	2.01	1.71	1.86
Overall Attainment	1.91	1.60	1.52



Target Levels and Attainment Levels for All Courses

Semester Number	Course Code	Internal Assessment			End Semester Exam			Total Attainment level
		Target (%)	% of Student who have crossed / achieved the target	Attainment level	Target (%)	% of Student who have crossed / achieved the target	Attainment level	
1	HU101	80	78	2	60	62	1	1.5
1	PH101	80	86	3	55	75	2	2.5
1	M101	80	90.1	3	60	62	1	2
1	ES101	60	98	3	45	95	3	3
1	ME101	55	81	3	50	60	1	1.5
1	PH191	80	86	3	80	84	3	3
1	ES191	80	76	2	65	62	1	1.4
1	ME192	80	100	3	70	100	3	3
1	HU181	80	96	3	70	75	2	2.4
1	XC181	80	100	3	80	100	3	3
2	CS201	70	80	3	50	71	2	2.5
2	CH201	70	88	1	50	98	3	2
2	M201	70	81	3	50	60	1	2
2	ES201	70	79	2	50	60	1	1.5
2	ME201	70	83	3	60	70	2	2.5
2	CS291	80	94	3	60	63	1	1.8
2	CH291	80	74	2	80	70	2	2
2	ES291	80	94	3	70	63	1	2.4
2	ME292	80	94	3	70	81	3	3
3	HU301	80	81	3	60	93	3	3
3	PH301	80	73	2	55	75	2	2
3	CH301	80	81	3	80	77	2	2.5
3	CS301	80	77	2	50	66	1	1.5
3	CS302	60	85	3	50	75	2	2.5
3	CS303	80	96	3	55	79	2	2.5
3	PH391	80	92	3	70	82	3	3
3	CS391	80	98	3	80	87	3	3
3	CS392	80	99	3	70	99	3	3
3	CS393	80	97	3	80	83	3	3
4	M(CS)401	80	76	2	60	84	3	2.5
4	M401	60	79	2	45	80	3	2.5
4	CS401	80	91	3	55	72	2	2.5
4	CS402	60	94	3	50	89	3	3
4	IT401	70	81	3	60	75	2	2.5
4	HU481	80	80	3	80	68	1	1.6
4	MCS491	80	98	3	80	75	2	2.5
4	CS491	80	98	3	80	88	3	3
4	CS492	80	87	3	80	89	3	3
4	IT491	80	87	3	60	65	1	1.8



Semester Number	Course Code	Internal Assessment			End Semester Exam			Total Attainment level
		Target (%)	% of Student who have crossed / achieved the target	Attainment level	Target (%)	% of Student who have crossed / achieved the target	Attainment level	
5	HU501	80	97	3	70	79	2	2.5
5	IT501	80	89	3	60	77	2	2.5
5	IT502	80	70	1	60	80	2	1.5
5	IT503	80	89	3	60	71	2	2.5
5	IT504F	80	94	3	60	75	2	2.5
5	IT591	80	91	3	80	61	1	1.8
5	IT592	80	98	3	80	98	3	3
5	IT593	80	77	2	80	92	3	2.6
5	IT594F	80	87	3	80	99	3	3
6	HU601	80	94	3	60	79	2	2.5
6	IT601	80	95	3	80	100	3	3
6	IT602	80	99	3	60	96	3	3
6	IT603	80	100	3	80	94	3	3
6	IT604D	80	94	3	80	92	3	3
6	IT605C	80	80	3	80	96	3	3
6	IT605D	80	87	3	80	92	3	3
6	IT691	80	92	3	80	98	3	3
6	IT692	80	100	3	80	100	3	3
6	IT693	80	92	3	80	99	3	3
6	IT681	80	100	3	80	100	3	3
7	IT701	80	98	3	60	94	3	3
7	IT702	80	94	3	80	92	3	3
7	IT703A	80	94	3	80	99	3	3
7	IT704B	80	98	3	80	93	3	3
7	IT705D	80	99	3	80	99	3	3
7	HU781	80	98	3	80	94	3	3
7	IT791	80	96	3	80	99	3	3
7	IT792	80	96	3	80	100	3	3
7	IT793A	80	96	3	80	100	3	3
7	IT794	-	-	-	80	100	3	3
7	IT795	80	94	3	80	80	3	3
8	HU801A	80	83	3	75	98	3	3
8	HU801B	80	98	3	60	91	3	3
8	IT801D	80	100	3	80	100	3	3
8	IT802B	80	92	3	80	98	3	3
8	IT891	80	94	3	80	81	3	3
8	IT892	80	82	3	80	60	1	2.2
8	IT893	-	-	-	80	61	1	1



Attainment Details for All Courses



Attainment Details of Semester I



Mapping of CO with PO and PSO of English Language & Technical Communication (Paper code: HU-101)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	-	-	-	-	-	2	2	-	2	3	-	2
	CO2	-	-	-	-	-	2	2	-	2	3	-	3
	CO3	-	-	-	-	-	2	2	-	2	3	-	2
	CO4	-	-	-	-	-	2	2	-	2	3	-	2
	CO5	-	-	-	-	-	2	2	-	2	3	-	2
	CO6	-	-	-	-	-	2	2	-	2	3	-	1
AVERAGE	0	0	0	0	0	2.00	2.00	0	2.00	3.00	0	2.00	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	1	1
	CO2	1	1	1
	CO3	1	1	1
	CO4	1	1	1
	CO5	1	1	1
	CO6	1	1	1
AVERAGE	1.00	1.00	1.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Course Outcomes	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam	
					CA1/CA2/CA3/CA4							100	CO1	CO2	CO3	CO4	CO5		CO6
					CO1	CO2	CO3	CO4	CO5	CO6									
					10	15	25	15	10	25									
Target Level	80%						60%	80%											
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		8	13	21	12	8	20	55	1	1	1	1	1	1	1	0
2	IT2017/121	11700217008	SUVAM PATRA		7	13	20	11	8	20	57	0	1	1	0	1	1	1	0
3	IT2017/089	11700217009	SUSNATA DAS		8	11	20	13	7	20	51	1	0	1	1	0	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	12	23	13	9	22	65	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		8	13	21	13	9	22	55	1	1	1	1	1	1	1	0
6	IT2017/053	11700217013	SUMEDHA SEN		7	13	21	13	7	21	51	0	1	1	1	0	1	1	0
7	IT2017/039	11700217014	SUMAN KAYAL		9	14	23	15	8	24	68	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		10	13	24	14	9	23	71	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		10	12	21	12	10	22	65	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		10	13	23	14	9	24	75	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		9	14	23	13	10	23	75	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		6	14	20	12	8	20	55	0	1	1	1	1	1	1	0
13	IT2017/038	11700217020	SRIPARNA GIRI		7	13	20	12	8	20	65	0	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		10	13	24	14	9	23	67	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		9	14	23	13	10	24	75	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		10	13	24	15	9	23	75	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		7	14	20	14	8	21	55	0	1	1	1	1	1	1	0
18	IT2017/075	11700217025	SOURAV SARKAR		10	13	24	15	9	24	75	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		9	13	22	14	8	23	65	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	12	20	13	7	21	55	1	1	1	1	0	1	1	0
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		10	14	24	14	9	24	75	1	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI		10	14	23	14	10	24	75	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		9	14	22	14	8	23	65	1	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY		10	13	23	13	8	23	65	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		9	12	21	13	8	22	67	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		8	13	22	14	9	23	65	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		9	12	21	12	10	22	65	1	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW		10	12	22	14	8	22	65	1	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		9	14	23	13	10	24	75	1	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		9	13	23	13	9	23	65	1	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		8	14	23	13	9	22	65	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		9	14	23	14	10	23	75	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		9	15	24	15	9	25	68	1	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		9	13	22	12	9	3	65	1	1	1	1	1	0	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		10	15	25	15	10	25	85	1	1	1	1	1	1	1	1



36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMEVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA

9	14	24	14	9	23	75	1	1	1	1	1	1	1
9	12	20	11	10	21	55	1	1	1	0	1	1	0
8	11	20	13	7	21	45	1	0	1	1	0	1	0
9	14	23	14	9	23	65	1	1	1	1	1	1	1
9	13	24	14	9	24	75	1	1	1	1	1	1	1
9	13	21	14	8	22	65	1	1	1	1	1	1	1
9	13	22	13	9	22	65	1	1	1	1	1	1	1
8	14	21	12	9	23	65	1	1	1	1	1	1	1
10	13	24	15	10	25	85	1	1	1	1	1	1	1
10	12	24	15	9	25	85	1	1	1	1	1	1	1
8	13	23	14	9	23	75	1	1	1	1	1	1	1
9	14	23	14	10	23	75	1	1	1	1	1	1	1
10	13	23	13	10	23	75	1	1	1	1	1	1	1
9	13	21	13	9	22	55	1	1	1	1	1	1	0
8	12	20	13	7	20	45	1	1	1	1	0	1	0
9	14	23	13	10	23	65	1	1	1	1	1	1	1
9	11	20	11	9	20	55	1	0	1	0	1	1	0
10	14	24	14	9	24	85	1	1	1	1	1	1	1
10	13	23	13	10	23	85	1	1	1	1	1	1	1
8	12	20	14	6	20	55	1	1	1	1	0	1	0
8	14	22	12	10	22	65	1	1	1	1	1	1	1
8	12	20	12	8	21	65	1	1	1	1	1	1	1
9	12	21	12	9	22	55	1	1	1	1	1	1	0
9	12	22	13	8	23	65	1	1	1	1	1	1	1
9	13	23	13	9	23	75	1	1	1	1	1	1	1
9	14	23	13	8	24	69	1	1	1	1	1	1	1
9	13	23	13	8	22	75	1	1	1	1	1	1	1
8	13	21	11	9	22	55	1	1	1	0	1	1	0
7	12	20	11	9	20	24	0	1	1	0	1	1	0
10	12	20	13	8	21	55	1	1	1	1	1	1	0
9	13	22	14	8	22	67	1	1	1	1	1	1	1
8	12	21	13	8	21	65	1	1	1	1	1	1	1
9	12	22	12	8	21	65	1	1	1	1	1	1	1
9	11	20	12	9	20	55	1	0	1	1	1	1	0
9	12	22	13	9	23	65	1	1	1	1	1	1	1
9	11	20	12	9	21	55	1	0	1	1	1	1	0
8	13	22	13	10	22	89	1	1	1	1	1	1	1
9	14	23	13	10	23	75	1	1	1	1	1	1	1
9	14	22	13	10	23	75	1	1	1	1	1	1	1
9	12	20	13	6	20	55	1	1	1	1	0	1	0
9	14	23	14	9	23	75	1	1	1	1	1	1	1
9	13	24	14	10	24	75	1	1	1	1	1	1	1
8	13	23	13	9	23	65	1	1	1	1	1	1	1
8	12	20	12	8	20	55	1	1	1	1	1	1	0
9	13	20	12	8	20	55	1	1	1	1	1	1	0
9	13	22	13	8	22	65	1	1	1	1	1	1	1
8	12	20	11	9	20	62	1	1	1	0	1	1	1
8	13	20	12	9	21	65	1	1	1	1	1	1	1
9	12	22	13	9	23	75	1	1	1	1	1	1	1
7	13	20	13	7	21	55	0	1	1	1	0	1	0
9	11	20	13	7	22	65	1	0	1	1	0	1	1
9	13	22	13	9	23	75	1	1	1	1	1	1	1
8	12	20	13	8	20	55	1	1	1	1	1	1	0
7	13	22	14	9	21	65	0	1	1	1	1	1	1
8	13	20	12	9	23	62	1	1	1	1	1	1	1
9	13	22	14	9	23	75	1	1	1	1	1	1	1
8	14	23	13	8	23	75	1	1	1	1	1	1	1
7	13	20	12	9	20	55	0	1	1	1	1	1	0
9	11	22	14	8	23	75	1	0	1	1	1	1	1
10	12	23	14	7	22	65	1	1	1	1	0	1	1
10	12	22	14	8	22	75	1	1	1	1	1	1	1
9	12	23	14	7	20	75	1	1	1	1	0	1	1
9	14	23	13	8	23	75	1	1	1	1	1	1	1
9	13	22	13	9	20	65	1	1	1	1	1	1	1
10	12	22	13	9	21	68	1	1	1	1	1	1	1
10	12	23	13	9	22	65	1	1	1	1	1	1	1
10	11	22	12	9	21	55	1	0	1	1	1	1	0
8	13	21	13	9	22	55	1	1	1	1	1	1	0
7	13	21	13	7	21	45	0	1	1	1	0	1	0
9	14	23	15	8	24	67	1	1	1	1	1	1	1
10	13	24	14	9	23	75	1	1	1	1	1	1	1
10	12	21	12	10	22	65	1	1	1	1	1	1	1
10	13	23	14	9	24	75	1	1	1	1	1	1	1
9	14	23	13	10	23	75	1	1	1	1	1	1	1
6	14	20	12	8	20	55	0	1	1	1	1	1	0



111	IT2017/088	11700217120	AMAN KUMAR	7	13	20	12	8	20	55	0	1	1	1	1	1	1	0
112	IT2017/124	11700217121	AMAN JHA	10	13	24	14	9	23	75	1	1	1	1	1	1	1	1
113	IT2017/102	11700217122	AKRITI	9	14	23	13	10	24	65	1	1	1	1	1	1	1	1
114	IT2017/019	11700217123	ADRIJA DAS	10	13	24	15	9	23	69	1	1	1	1	1	1	1	1
115	IT2017/116	11700217124	ADITYA KUMAR SINHA	7	14	20	14	8	21	55	0	1	1	1	1	1	1	0
116	IT2017/125	11700217125	ADITYA KUMAR JHA	10	13	24	15	9	24	75	1	1	1	1	1	1	1	1
117	IT2017/003	11700217126	ADITYA BHATTACHARYA	9	13	22	14	8	23	65	1	1	1	1	1	1	1	1
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI	10	13	24	15	9	23	65	1	1	1	1	1	1	1	1
119	IT2017/041	11700217128	ABHISHEK PAREEK	7	14	20	14	8	21	55	0	1	1	1	1	1	1	0
120	IT2017/086	11700217129	ABHISHEK KUMAR	10	13	24	15	9	24	75	1	1	1	1	1	1	1	1

1	91	93	100	94	89	98	74
0	9	7	0	6	11	1	26
CO attn	0.76	0.78	0.83	0.78	0.74	0.82	0.62

Avg Attn	0.785
Attn Level	2

Avg Attn	0.62
Attn Level	1

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											1.5		
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	0	0	0	0	0	2.00	2.00	0	2.00	3.00	0	2.00	
Overall (Direct) CO attainment level	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Attainment of PO for this course	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00	1.50	0.00	1.00	0.46

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.00	1.00	1.00	
Overall (Direct) CO attainment level	1.5	1.50	1.5	
Attainment of PSO for this course	0.50	0.50	0.50	0.50

Mapping of CO with PO of PHYSICS I (Paper code: PH-101)

Enter correlation levels 1, 2 or 3 as defined below:
1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
	CO1	3	2	1	-	-	-	-	-	-	-	-	-	-
	CO2	1	3	2	-	-	-	-	-	-	-	-	-	-
	CO3	3	2	1	1	-	-	-	-	-	-	-	-	-
	CO4	1	3	2	-	-	-	-	-	-	-	-	-	-
	CO5	1	3	2	0	-	-	-	-	-	-	-	-	-
	CO6	-	1	3	2	-	-	-	-	-	-	-	-	-
	AVERAGE	1.80	2.33	1.83	1.00	0	0	0	0	0	0	0	0	0

Average =sum / number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	2	-	-
	CO2	2	-	-
	CO3	2	-	-
	CO4	2	-	-
	CO5	2	-	-
	CO6	2	-	-
	AVERAGE	2.00	0	0

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %							
					Course Outcomes							100	CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CA1/CA2/CA3/CA4														
					CO1	CO2	CO3	CO4	CO5	CO6									
Marks Distribution	10	15	25	15	10	25	80%	55%	80%										
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		8	13	25	15	10	24	7	1	1	1	1	1	1	0	
2	IT2017/121	11700217008	SUVAM PATRA		10	15	25	15	8	22	65	1	1	1	1	1	1	1	
3	IT2017/089	11700217009	SUSNATA DAS		4	5	8	9	7	6	35	0	0	0	0	0	0	0	
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	12	23	13	9	22	65	1	1	1	1	1	1	1	
5	IT2017/054	11700217012	SUPRATIM DAS		8	13	21	13	9	22	65	1	1	1	1	1	1	1	
6	IT2017/053	11700217013	SUMEDHA SEN		7	13	21	13	7	21	75	0	1	1	1	0	1	1	
7	IT2017/039	11700217014	SUMAN KAYAL		5	8	20	10	7	21	45	0	0	1	0	0	1	0	
8	IT2017/067	11700217015	SUKANYA SAHA		10	13	24	14	9	23	75	1	1	1	1	1	1	1	
9	IT2017/081	11700217016	SUBHASHRI DAS		10	12	21	12	10	22	85	1	1	1	1	1	1	1	
10	IT2017/117	11700217017	SUBHANKAR NATH		10	13	23	14	9	24	85	1	1	1	1	1	1	1	
11	IT2017/052	11700217018	SUBHANGEE		9	14	23	13	10	23	75	1	1	1	1	1	1	1	
12	IT2017/021	11700217019	SUBARNA SARKAR		6	14	20	12	8	20	95	0	1	1	1	1	1	1	
13	IT2017/038	11700217020	SRIPARNA GIRI		7	13	20	12	8	20	65	0	1	1	1	1	1	1	
14	IT2017/011	11700217021	SRIJAYEE SAHA		10	13	24	14	9	23	55	1	1	1	1	1	1	1	
15	IT2017/094	11700217022	SRIJANI ROY		9	14	23	13	10	24	55	1	1	1	1	1	1	1	
16	IT2017/120	11700217023	SREYASHI KARMAKAR		10	13	24	15	9	23	65	1	1	1	1	1	1	1	
17	IT2017/012	11700217024	SOURAV SHAW		7	14	20	14	8	21	65	0	1	1	1	1	1	1	
18	IT2017/075	11700217025	SOURAV SARKAR		10	13	24	15	9	24	85	1	1	1	1	1	1	1	
19	IT2017/064	11700217026	SOURAV SAMANTA		9	13	22	14	8	23	55	1	1	1	1	1	1	1	
20	IT2017/069	11700217027	SOURAV JAISWAL		9	12	20	13	7	21	75	1	1	1	1	0	1	1	
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		8	14	20	11	7	19	45	1	1	1	0	0	0	0	
22	IT2017/063	11700217030	SONALI		10	14	23	14	10	24	75	1	1	1	1	1	1	1	
23	IT2017/109	11700217031	SOMENATH RANA		9	14	22	14	8	23	35	1	1	1	1	1	1	0	
24	IT2017/045	11700217032	SOHAM ROY		10	13	23	13	8	23	65	1	1	1	1	1	1	1	
25	IT2017/079	11700217033	SOHAM BANERJEE		9	12	21	13	8	22	45	1	1	1	1	1	1	0	
26	IT2017/044	11700217034	SNEHA DEEP		8	13	22	14	9	23	55	1	1	1	1	1	1	1	
27	IT2017/083	11700217035	SK ISHAN ALI		9	12	21	12	10	22	45	1	1	1	1	1	1	0	
28	IT2017/031	11700217036	SIMRAN SHAW		10	12	22	14	8	22	65	1	1	1	1	1	1	1	
29	IT2017/023	11700217037	SIMANTINI GHOSH		9	14	23	13	10	24	65	1	1	1	1	1	1	1	
30	IT2017/056	11700217038	SIDHU KUMAR		9	13	23	13	9	23	45	1	1	1	1	1	1	0	
31	IT2017/050	11700217039	SHREYA SENGUPTA		8	14	23	13	9	22	75	1	1	1	1	1	1	1	
32	IT2017/035	11700217040	SHIVANI KUMARI		9	14	23	14	10	23	45	1	1	1	1	1	1	0	
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		9	15	24	15	9	25	45	1	1	1	1	1	1	0	
34	IT2017/099	11700217042	SHIVAM		9	13	22	12	9	3	75	1	1	1	1	1	0	1	
35	IT2017/097	11700217043	SHEIKH TABISH		10	15	25	15	10	25	55	1	1	1	1	1	1	1	
36	IT2017/072	11700217044	SAYED AKHTAR		9	14	24	14	9	23	65	1	1	1	1	1	1	1	
37	IT2017/009	11700217045	SAYANTAN BISWAS		9	8	17	8	5	15	45	1	0	0	0	0	0	0	
38	IT2017/098	11700217046	SAYAN MUKHERJEE		8	11	20	13	7	16	45	1	0	1	1	0	0	0	
39	IT2017/032	11700217047	SALINE SHAW		5	11	13	9	8	15	45	0	0	0	0	1	0	0	
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		9	13	24	14	9	24	55	1	1	1	1	1	1	1	
41	IT2017/065	11700217049	SAIMANTI LAHA		9	13	21	14	8	22	75	1	1	1	1	1	1	1	
42	IT2017/105	11700217050	SAHIL PRAKASH		9	13	22	13	9	22	55	1	1	1	1	1	1	1	
43	IT2017/017	11700217051	ROHAN SHAH		8	14	21	12	9	23	65	1	1	1	1	1	1	1	
44	IT2017/058	11700217052	ROHAN KUMAR ROY		10	13	24	15	10	25	75	1	1	1	1	1	1	1	
45	IT2017/010	11700217053	ROHAN BANERJEE		10	12	24	15	9	25	75	1	1	1	1	1	1	1	
46	IT2017/030	11700217054	RIZWAN ANSARI		6	8	18	11	7	15	45	0	0	0	0	0	0	0	
47	IT2017/002	11700217055	RIYA KIRTANIA		9	14	23	14	10	23	75	1	1	1	1	1	1	1	
48	IT2017/110	11700217056	RITAYAN DHARA		10	13	23	13	10	23	55	1	1	1	1	1	1	1	
49	IT2017/022	11700217057	RIJA DEY		9	13	21	13	9	22	85	1	1	1	1	1	1	1	
50	IT2017/040	11700217058	REEMA HAZRA		8	12	20	13	7	20	75	1	1	1	1	0	1	1	
51	IT2017/123	11700217059	RAYA PAUL		9	14	23	13	10	23	55	1	1	1	1	1	1	1	
52	IT2017/043	11700217060	RAVI KUMAR		9	11	15	11	9	16	45	1	0	0	0	1	0	0	
53	IT2017/070	11700217061	RAUNAK GUPTA		10	14	24	14	9	24	65	1	1	1	1	1	1	1	
54	IT2017/107	11700217062	RAKESH KUMAR		10	13	23	13	10	23	55	1	1	1	1	1	1	1	
55	IT2017/016	11700217063	RAJAT BISWAS		8	12	20	14	6	20	55	1	1	1	1	0	1	1	
56	IT2017/046	11700217064	PRIYANSHU JHA		8	14	22	12	10	22	75	1	1	1	1	1	1	1	
57	IT2017/114	11700217065	PRIYA SINHA		8	12	20	12	8	21	65	1	1	1	1	1	1	1	
58	IT2017/049	11700217066	PREETAM GHOSH		9	12	21	12	9	22	65	1	1	1	1	1	1	1	
59	IT2017/118	11700217067	PRATYAY RUDRA		9	12	22	13	8	23	75	1	1	1	1	1	1	1	
60	IT2017/048	11700217068	PRASHANT KUMAR		9	13	23	13	9	23	65	1	1	1	1	1	1	1	
61	IT2017/113	11700217069	PRAPTY CHANDA		9	14	23	13	8	24	75	1	1	1	1	1	1	1	



62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	ARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

9	13	23	13	8	22	45	1	1	1	1	1	1	0
10	15	24	14	10	23	85	1	1	1	1	1	1	1
7	12	20	11	9	20	45	0	1	1	0	1	1	0
10	12	20	13	8	21	75	1	1	1	1	1	1	1
9	13	23	14	8	25	85	1	1	1	1	1	1	1
8	12	21	13	8	21	65	1	1	1	1	1	1	1
9	12	22	12	8	21	45	1	1	1	1	1	1	0
9	11	20	12	9	20	75	1	0	1	1	1	1	1
9	12	22	13	9	23	65	1	1	1	1	1	1	1
9	11	20	12	9	21	65	1	0	1	1	1	1	1
8	13	22	13	10	22	75	1	1	1	1	1	1	1
10	15	23	13	10	25	85	1	1	1	1	1	1	1
9	14	22	13	10	23	65	1	1	1	1	1	1	1
9	12	20	13	6	19	65	1	1	1	1	0	0	1
9	14	18	10	5	18	45	1	1	0	0	0	0	0
9	13	17	11	6	17	45	1	1	0	0	0	0	0
8	13	23	13	9	23	65	1	1	1	1	1	1	1
8	12	20	12	8	20	35	1	1	1	1	1	1	0
9	13	20	12	8	20	55	1	1	1	1	1	1	1
9	13	22	13	8	22	65	1	1	1	1	1	1	1
8	12	20	11	9	20	45	1	1	1	0	1	1	0
8	13	20	12	9	21	65	1	1	1	1	1	1	1
9	12	22	13	9	23	75	1	1	1	1	1	1	1
7	9	20	13	7	17	45	0	0	1	1	0	0	0
9	11	20	13	7	22	65	1	0	1	1	0	1	1
9	13	22	13	9	23	55	1	1	1	1	1	1	1
8	12	20	13	8	20	65	1	1	1	1	1	1	1
7	13	22	14	9	21	35	0	1	1	1	1	1	0
8	13	20	12	9	23	75	1	1	1	1	1	1	1
9	13	22	14	9	23	75	1	1	1	1	1	1	1
4	6	10	8	4	11	35	0	0	0	0	0	0	0
7	13	20	12	9	20	65	0	1	1	1	1	1	1
9	11	22	14	8	23	65	1	0	1	1	1	1	1
10	12	23	14	7	22	65	1	1	1	1	0	1	1
10	12	22	14	8	22	75	1	1	1	1	1	1	1
9	12	23	14	7	20	75	1	1	1	1	0	1	1
9	14	23	13	8	23	55	1	1	1	1	1	1	1
10	15	24	15	10	25	85	1	1	1	1	1	1	1
10	12	22	13	9	21	65	1	1	1	1	1	1	1
10	12	22	13	9	21	55	1	1	1	1	1	1	1
5	10	17	9	5	19	65	0	0	0	0	0	0	1
10	12	22	13	9	21	55	1	1	1	1	1	1	1
10	12	22	13	9	21	65	1	1	1	1	1	1	1
10	12	22	13	9	21	55	1	1	1	1	1	1	1
10	12	22	13	9	21	65	1	1	1	1	1	1	1
10	12	22	13	9	21	65	1	1	1	1	1	1	1
7	9	17	8	8	15	45	0	0	0	0	1	0	0
8	10	22	7	9	16	45	1	0	1	0	1	0	0
7	10	16	10	8	15	45	0	0	0	0	1	0	0
10	12	22	13	9	21	65	1	1	1	1	1	1	1
7	12	20	11	7	18	45	0	1	1	0	0	0	0
10	12	22	13	9	21	75	1	1	1	1	1	1	1
10	12	22	13	9	21	65	1	1	1	1	1	1	1
10	12	22	13	9	21	65	1	1	1	1	1	1	1
10	12	22	13	9	21	65	1	1	1	1	1	1	1
10	15	24	15	9	23	75	1	1	1	1	1	1	1
10	12	22	13	9	21	65	1	1	1	1	1	1	1
10	12	22	13	9	21	65	1	1	1	1	1	1	1

1	103	103	109	103	100	102	90
0	17	17	11	17	20	18	30
CO attn	0.86	0.86	0.91	0.86	0.83	0.85	0.75

Avg Attn	0.86
Attn Level	3

Avg Attn	0.75
Attn Level	2



Overall Course Outcome Attainment												
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)												
Direct CO attainment level												2.5
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Avg values from table 1	2.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overall (Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Attainment of PO for this course	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3			
	PSO1	PSO2	PSO3
Avg values from table 2	2.00	0	0
Overall (Direct) CO attainment level	2.5	2.5	2.5
Attainment of PSO for this course	1.67	0	0.56

Mapping of CO with PO and PSO of Mathematics I (Paper code: M-101)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
	CO1	3	3	2	0	0	0	0	0	0	0	0	0	0
	CO2	2	3	3	0	0	0	0	0	0	0	0	0	0
	CO3	2	3	3	0	0	0	0	0	0	0	0	0	0
	CO4	3	1	3	0	0	0	0	0	0	0	0	0	0
	CO5	3	2	1	0	0	0	0	0	0	0	0	0	0
	CO6	3	2	2	0	0	0	0	0	0	0	0	0	0
	AVERAGE	2.67	2.33	2.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	2	2	-
	CO2	2	2	-
	CO3	2	2	-
	CO4	2	2	-
	CO5	2	2	-
	CO6	2	2	-
	AVERAGE	2.00	2.00	0

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's							Univ. Exam	Course Outcome Attainment with target in %						
					CA1/CA2/CA3/CA4						100		Course Outcome Attainment with target in %						
					CO1	CO2	CO3	CO4	CO5	CO6			CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					10	15	25	15	10	25			60%	80%					
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	7	11	22	12	9	22	75	0	0	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	7	12	23	11	9	22	75	0	1	1	1	0	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	8	11	22	13	7	23	35	1	0	1			0	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	10	12	22	13	10	23	75	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	9	13	24	12	8	22	45	1	1	1	1	1	1	1	0
6	IT2017/053	11700217013	SUMEDHA SEN	80%	8	13	21	13	7	22	75	1	1	1	1	1	0	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	7	13	22	13	9	21	45	0	1	1	1	1	1	1	0
8	IT2017/067	11700217015	SUKANYA SAHA	80%	8	14	22	15	9	21	55	1	1	1	1	1	1	1	0
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	8	13	23	14	10	24	65	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	9	12	23	12	9	22	65	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	9	12	22	14	9	23	65	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	7	12	22	13	10	21	95	0	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	10	11	21	12	8	23	65	1	0	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	8	10	21	12	9	23	65	1	0	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	7	12	24	14	9	23	75	0	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	9	14	22	13	7	22	75	1	1	1	1	0	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	9	13	23	15	10	22	85	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	10	13	21	14	8	24	75	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	8	12	23	15	7	24	85	1	1	1	1	0	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	10	14	23	14	9	23	85	1	1	1	1	1	1	1	1



21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE
22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	ARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR

9	14	23	13	9	23	55	1	1	1	1	1	1	0
8	13	22	13	8	24	75	1	1	1	1	1	1	1
7	12	22	13	7	24	35	0	1	1	1	0	1	0
8	13	24	14	9	24	85	1	1	1	1	1	1	1
8	13	24	13	9	23	75	1	1	1	1	1	1	1
9	13	23	12	10	23	65	1	1	1	1	1	1	1
9	14	23	12	8	22	55	1	1	1	1	1	1	0
7	13	22	12	10	23	75	0	1	1	1	1	1	1
10	12	23	11	9	22	65	1	1	1	0	1	1	1
8	12	22	10	8	23	45	1	1	1	0	1	1	0
7	12	22	12	7	21	65	0	1	1	1	0	1	1
9	11	24	14	8	23	55	1	0	1	1	1	1	0
9	10	21	13	8	23	35	1	0	1	1	1	1	0
10	12	22	13	9	23	75	1	1	1	1	1	1	1
9	14	22	12	9	22	65	1	1	1	1	1	1	1
9	13	23	14	7	22	55	1	1	1	1	0	1	0
10	13	23	14	10	24	55	1	1	1	1	1	1	0
8	12	22	13	8	24	35	1	1	1	1	1	1	0
9	14	22	12	7	23	45	1	1	1	1	0	1	0
9	14	21	13	9	23	85	1	1	1	1	1	1	1
7	13	21	13	9	22	85	0	1	1	1	1	1	1
10	13	24	13	10	23	55	1	1	1	1	1	1	0
8	13	22	14	9	22	55	1	1	1	1	1	1	0
7	13	23	13	9	22	65	0	1	1	1	1	1	1
9	12	21	12	10	24	65	1	1	1	1	1	1	1
9	12	23	15	8	21	75	1	1	1	1	1	1	1
10	12	23	15	9	22	75	1	1	1	1	1	1	1
8	11	23	14	9	22	65	1	0	1	1	1	1	1
10	10	22	14	7	23	75	1	0	1	1	0	1	1
9	12	22	13	10	23	95	1	1	1	1	1	1	1
8	14	24	13	8	22	45	1	1	1	1	1	1	0
8	13	21	13	9	21	45	1	1	1	1	1	1	0
8	12	24	11	9	21	55	1	1	1	0	1	1	0
9	14	22	14	7	24	45	1	1	1	1	0	1	0
9	14	23	13	10	22	45	1	1	1	1	1	1	0
7	13	21	14	8	23	95	0	1	1	1	1	1	1
10	12	23	12	7	21	65	1	1	1	1	0	1	1
8	13	23	12	9	23	65	1	1	1	1	1	1	1
7	13	23	12	9	23	65	0	1	1	1	1	1	1
9	13	22	13	8	23	65	1	1	1	1	1	1	1
9	14	22	13	7	22	55	1	1	1	1	0	1	0
10	13	24	13	9	24	35	1	1	1	1	1	1	0
9	12	24	13	9	22	55	1	1	1	1	1	1	0
9	12	23	11	10	22	55	1	1	1	0	1	1	0
10	12	23	11	8	20	75	1	1	1	0	1	1	1
8	11	22	13	10	23	85	1	0	1	1	1	1	1
9	10	23	13	9	21	85	1	0	1	1	1	1	1
7	14	22	13	7	21	55	0	1	1	1	0	1	0
10	13	24	12	8	21	65	1	1	1	1	1	1	1
8	13	21	12	8	23	65	1	1	1	1	1	1	1
7	12	22	13	9	22	35	0	1	1	1	1	1	0
9	13	22	12	9	22	65	1	1	1	1	1	1	1
9	12	23	13	7	24	85	1	1	1	1	0	1	1
10	12	23	13	10	24	55	1	1	1	1	1	1	0
8	12	22	13	9	23	65	1	1	1	1	1	1	1
10	11	22	13	10	23	55	1	0	1	1	1	1	0
9	10	23	14	8	22	45	1	0	1	1	1	1	0
8	12	23	14	10	23	65	1	1	1	1	1	1	1
7	14	22	13	9	22	35	0	1	1	1	1	1	0
8	13	22	12	8	22	55	1	1	1	1	1	1	0
8	13	21	12	7	24	55	1	1	1	1	0	1	0
10	12	21	13	8	21	55	1	1	1	1	1	1	0
9	14	22	12	9	22	65	1	1	1	1	1	1	1
10	13	23	13	9	23	85	1	1	1	1	1	1	1
8	13	21	13	7	23	45	1	1	1	1	0	1	0
9	13	23	13	10	22	75	1	1	1	1	1	1	1



87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

9	13	23	13	8	22	45	1	1	1	1	1	1	0
7	12	23	13	7	21	85	0	1	1	1	0	1	1
10	12	22	14	9	21	35	1	1	1	1	1	1	0
8	12	22	12	9	24	75	1	1	1	1	1	1	1
7	11	24	12	10	22	75	0	0	1	1	1	1	1
9	14	22	13	7	22	45	1	1	1	1	0	1	0
9	13	23	15	10	22	55	1	1	1	1	1	1	0
10	13	21	14	8	24	85	1	1	1	1	1	1	1
8	12	23	15	7	24	85	1	1	1	1	0	1	1
10	14	23	14	9	23	85	1	1	1	1	1	1	1
9	14	23	13	9	23	75	1	1	1	1	1	1	1
8	13	22	13	8	24	55	1	1	1	1	1	1	0
7	12	22	13	7	24	85	0	1	1	1	0	1	1
8	13	24	14	9	24	75	1	1	1	1	1	1	1
8	13	24	13	9	23	45	1	1	1	1	1	1	0
9	13	23	12	10	23	75	1	1	1	1	1	1	1
9	14	23	12	8	22	65	1	1	1	1	1	1	1
7	13	22	12	10	23	95	0	1	1	1	1	1	1
10	12	23	11	9	22	75	1	1	1	0	1	1	1
8	12	22	10	8	23	45	1	1	1	0	1	1	0
9	12	22	14	9	23	55	1	1	1	1	1	1	0
7	12	22	13	10	21	65	0	1	1	1	1	1	1
10	11	21	12	8	23	55	1	0	1	1	1	1	0
8	10	21	12	9	23	35	1	0	1	1	1	1	0
7	12	24	14	9	23	85	0	1	1	1	1	1	1
9	12	22	14	9	23	65	1	1	1	1	1	1	1
7	12	22	13	10	21	95	0	1	1	1	1	1	1
10	11	21	12	8	23	85	1	0	1	1	1	1	1
8	10	21	12	9	23	55	1	0	1	1	1	1	0
7	12	24	14	9	23	75	0	1	1	1	1	1	1
9	12	24	13	9	22	65	1	1	1	1	1	1	1
9	12	23	11	10	22	85	1	1	1	0	1	1	1
10	12	23	11	8	20	75	1	1	1	0	1	1	1
9	10	24	12	9	23	65	1	0	1	1	1	1	1

1	97	102	120	109	100	120	74
0	23	18	0	10	20	0	46
CO attn	0.81	0.85	1.00	0.92	0.83	1.00	0.62

Avg Attn	0.901
Attn Level	3

Avg Attn	0.62
Attn Level	1

Overall Course Outcome Attainment												
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)												
Direct CO attainment level												2
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Avg values from table 1	2.67	2.33	2.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Overall (Direct) CO attainment level	2	2	2	2	2	2	2	2	2	2	2	2
Attainment of PO for this course	1.78	1.56	1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.00	2.00	0	
Overall (Direct) CO attainment level	2.0	2.0	2.0	
Attainment of PSO for this course	1.33	1.33	0.00	0.89



Mapping of CO with PO and PSO of Basic Electrical & Electronic Engineering – 1 (Paper code: ES101)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	3	3	-	2	1	-	-	2	1	-	2
	CO2	3	3	3	-	2	1	-	-	2	1	-	1
	CO3	3	3	3	-	1	1	-	-	2	-	-	2
	CO4	3	3	3	-	3	2	-	-	2	1	-	2
	CO5	3	3	3	-	3	2	-	-	2	-	-	1
	CO6	3	3	3	-	3	2	-	-	2	1	-	1
AVERAGE	3.00	3.00	3.00	0	2.33	1.50	0	0	2.00	1.00	0	1.50	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	1	1
	CO2	2	2	1
	CO3	3	2	1
	CO4	3	2	2
	CO5	3	3	2
	CO6	3	2	1
AVERAGE	2.83	2.00	1.33	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Course Outcomes	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam	
					CA1/CA2/CA3/CA4							100	CO1	CO2	CO3	CO4	CO5		CO6
					CO1	CO2	CO3	CO4	CO5	CO6									
					10	15	25	15	10	25									
				Target Level	60%						45%	60%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		8	13	21	12	8	20	55	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		7	13	20	11	8	20	55	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		8	11	20	13	7	20	45	1	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	15	25	15	10	25	65	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		10	11	22	12	9	21	45	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		8	13	21	13	9	22	65	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		7	13	21	13	7	21	45	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		10	15	25	15	10	25	65	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		10	13	24	14	9	23	65	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		10	12	21	12	10	22	65	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		10	13	23	14	9	24	55	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		9	14	23	13	10	23	85	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		6	14	20	12	8	20	65	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		7	13	20	12	8	20	55	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		10	13	24	14	9	23	65	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	14	23	13	10	24	65	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		10	13	24	15	9	23	55	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		7	14	20	14	8	21	65	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		10	13	24	15	9	24	45	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	13	22	14	8	23	65	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOURAV DEEP MUKHERJEE		10	15	25	15	10	25	45	1	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI		9	15	23	15	9	24	65	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		10	14	24	14	9	24	35	1	1	1	1	1	1	1	0
24	IT2017/045	11700217032	SOHAM ROY		10	14	23	14	10	24	65	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		5	9	17	10	7	15	45	0	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		10	13	23	13	8	23	55	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		9	12	21	13	8	22	45	1	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW		8	13	22	14	9	23	65	1	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		5	11	18	9	7	19	45	0	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		6	8	16	7	5	15	45	1	0	1	0	0	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		9	14	23	13	10	24	65	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		9	13	23	13	9	23	65	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		8	14	23	13	9	22	45	1	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		9	14	23	14	10	23	55	1	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		9	15	24	15	9	25	65	1	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR		9	13	22	12	9	3	55	1	1	1	1	1	1	0	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		10	15	25	15	10	25	45	1	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		9	14	24	14	9	23	55	1	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW		9	12	20	11	10	21	45	1	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		8	11	20	13	7	21	55	1	1	1	1	1	1	1	1



41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	LARNVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA

9	14	23	14	9	23	65	1	1	1	1	1	1	1	1	1	1	1
9	13	24	14	9	24	55	1	1	1	1	1	1	1	1	1	1	1
9	13	21	14	8	22	65	1	1	1	1	1	1	1	1	1	1	1
9	13	22	13	9	22	85	1	1	1	1	1	1	1	1	1	1	1
8	14	21	12	9	23	65	1	1	1	1	1	1	1	1	1	1	1
10	13	24	15	10	25	45	1	1	1	1	1	1	1	1	1	1	1
10	12	24	15	9	25	65	1	1	1	1	1	1	1	1	1	1	1
8	13	23	14	9	23	55	1	1	1	1	1	1	1	1	1	1	1
9	14	23	14	10	23	75	1	1	1	1	1	1	1	1	1	1	1
10	13	23	13	10	23	75	1	1	1	1	1	1	1	1	1	1	1
9	13	21	13	9	22	55	1	1	1	1	1	1	1	1	1	1	1
9	14	23	13	10	23	55	1	1	1	1	1	1	1	1	1	1	1
9	11	20	11	9	20	45	1	1	1	1	1	1	1	1	1	1	1
10	14	24	14	9	24	45	1	1	1	1	1	1	1	1	1	1	1
10	13	23	13	10	23	45	1	1	1	1	1	1	1	1	1	1	1
8	12	20	14	6	20	85	1	1	1	1	1	1	1	1	1	1	1
8	14	22	12	10	22	55	1	1	1	1	1	1	1	1	1	1	1
8	12	20	12	8	21	75	1	1	1	1	1	1	1	1	1	1	1
9	12	21	12	9	22	65	1	1	1	1	1	1	1	1	1	1	1
9	12	22	13	8	23	45	1	1	1	1	1	1	1	1	1	1	1
9	13	23	13	9	23	85	1	1	1	1	1	1	1	1	1	1	1
9	14	23	13	8	24	45	1	1	1	1	1	1	1	1	1	1	1
9	13	23	13	8	22	75	1	1	1	1	1	1	1	1	1	1	1
8	13	21	11	9	22	65	1	1	1	1	1	1	1	1	1	1	1
7	12	20	11	9	20	65	1	1	1	1	1	1	1	1	1	1	1
8	14	22	13	9	23	65	1	1	1	1	1	1	1	1	1	1	1
10	12	20	13	8	21	65	1	1	1	1	1	1	1	1	1	1	1
8	12	21	13	8	21	55	1	1	1	1	1	1	1	1	1	1	1
9	12	22	12	8	21	65	1	1	1	1	1	1	1	1	1	1	1
9	11	20	12	9	20	65	1	1	1	1	1	1	1	1	1	1	1
9	12	22	13	9	23	45	1	1	1	1	1	1	1	1	1	1	1
9	11	20	12	9	21	65	1	1	1	1	1	1	1	1	1	1	1
8	13	22	13	10	22	75	1	1	1	1	1	1	1	1	1	1	1
5	11	18	9	7	19	45	0	1	1	1	1	1	1	1	1	1	1
9	14	22	13	10	23	65	1	1	1	1	1	1	1	1	1	1	1
9	12	20	13	6	20	35	1	1	1	1	1	1	1	1	1	1	0
9	14	23	14	9	23	35	1	1	1	1	1	1	1	1	1	1	0
9	13	24	14	10	24	65	1	1	1	1	1	1	1	1	1	1	1
8	13	23	13	9	23	35	1	1	1	1	1	1	1	1	1	1	0
8	12	20	12	8	20	55	1	1	1	1	1	1	1	1	1	1	1
5	11	13	9	7	14	65	0	1	0	1	1	1	1	1	1	1	0
9	13	22	13	8	22	55	1	1	1	1	1	1	1	1	1	1	1
8	13	20	12	9	21	65	1	1	1	1	1	1	1	1	1	1	1
9	12	22	13	9	23	65	1	1	1	1	1	1	1	1	1	1	1
7	13	20	13	7	21	45	1	1	1	1	1	1	1	1	1	1	1
9	11	20	13	7	22	55	1	1	1	1	1	1	1	1	1	1	1
9	13	22	13	9	23	55	1	1	1	1	1	1	1	1	1	1	1
8	12	20	13	8	20	45	1	1	1	1	1	1	1	1	1	1	1
7	13	22	14	9	21	35	1	1	1	1	1	1	1	1	1	1	0
8	13	20	12	9	23	65	1	1	1	1	1	1	1	1	1	1	1
9	13	22	14	9	23	65	1	1	1	1	1	1	1	1	1	1	1
10	15	25	15	10	25	45	1	1	1	1	1	1	1	1	1	1	1
9	14	24	14	9	23	65	1	1	1	1	1	1	1	1	1	1	1
9	12	20	11	10	21	65	1	1	1	1	1	1	1	1	1	1	1
8	11	20	13	7	21	55	1	1	1	1	1	1	1	1	1	1	1
9	14	23	14	9	23	75	1	1	1	1	1	1	1	1	1	1	1
9	13	24	14	9	24	75	1	1	1	1	1	1	1	1	1	1	1
9	13	21	14	8	22	55	1	1	1	1	1	1	1	1	1	1	1
9	13	22	13	9	22	85	1	1	1	1	1	1	1	1	1	1	1
8	14	21	12	9	23	65	1	1	1	1	1	1	1	1	1	1	1
10	13	24	15	10	25	55	1	1	1	1	1	1	1	1	1	1	1
10	12	24	15	9	25	65	1	1	1	1	1	1	1	1	1	1	1
8	13	23	14	9	23	45	1	1	1	1	1	1	1	1	1	1	1
9	14	23	14	10	23	65	1	1	1	1	1	1	1	1	1	1	1
10	13	23	13	10	23	45	1	1	1	1	1	1	1	1	1	1	1
9	13	21	13	9	22	45	1	1	1	1	1	1	1	1	1	1	1
9	14	23	13	10	23	55	1	1	1	1	1	1	1	1	1	1	1
9	11	20	11	9	20	45	1	1	1	1	1	1	1	1	1	1	1
10	14	24	14	9	24	45	1	1	1	1	1	1	1	1	1	1	1
10	13	23	13	10	23	35	1	1	1	1	1	1	1	1	1	1	0



111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

8	12	20	14	6	20	55	1	1	1	1	1	1	1	1
8	14	22	12	10	22	55	1	1	1	1	1	1	1	1
8	12	20	12	8	21	65	1	1	1	1	1	1	1	1
5	9	17	10	7	15	65	0	1	1	1	1	1	1	1
10	13	23	13	8	23	65	1	1	1	1	1	1	1	1
9	12	21	13	8	22	55	1	1	1	1	1	1	1	1
8	13	22	14	9	23	45	1	1	1	1	1	1	1	1
5	11	18	9	7	19	75	0	1	1	1	1	1	1	1
6	8	16	7	5	15	65	1	0	1	0	0	1	1	1
8	14	23	13	8	23	45	1	1	1	1	1	1	1	1

1	114	118	119	118	118	118	114
0	6	2	1	2	2	2	6
CO attn	0.95	0.98	0.99	0.98	0.98	0.98	0.95
Avg Attn	0.979						
Attn Level	3						
Avg Attn	0.95						
Attn Level	3						

Overall Course Outcome Attainment											
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)											
Direct CO attainment level											3
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3											
	PO1	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3	0	2.33	1.50	0	0	2.00	1.00	0	1.50	
Overall (Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3	0.00	2.33	1.50	0.00	0.00	2.00	1.00	0.00	1.50	1.44

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.83	2.00	1.33	
Overall (Direct) CO attainment level	3	3.00	3	
Attainment of PSO for this course	2.83	2.00	1.33	2.06

Mapping of CO with PO and PSO of Engineering Mechanics (Paper code: ME-101)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
	CO1	3	3	2	1	-	1	-	-	-	-	-	-	-
	CO2	3	3	2	-	-	1	-	-	-	-	-	-	-
	CO3	3	3	2	-	-	1	-	-	-	-	-	-	-
	CO4	3	3	1	1	-	1	-	-	-	-	-	-	-
	CO5	3	3	2	-	-	1	-	-	-	-	-	-	-
	CO6	3	3	2	1	-	1	1	-	-	-	-	-	-
	AVERAGE	3.00	3.00	1.83	1.00	0	1.00	1.00	0	0	0	0	0	0

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	-	-	-
	CO2	-	-	-
	CO3	-	-	-
	CO4	-	-	-
	CO5	-	1	-
	CO6	-	1	1
	AVERAGE	0	1.00	1.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam
					CA1/CA2/CA3/CA4													
					Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6	
					Marks Distribution	15	15	15	15	10	10	70	CO1	CO2	CO3	CO4	CO5	
					55%						50%	55%						
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		12	12	10	10	6	8	36	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		11	10	8	10	7	7	38	1	1	0	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		8	6	7	9	8	8	23	0	0	0	1	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	12	11	11	8	8	37	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		8	9	7	12	5	6	22	0	1	0	1	0	1	0
6	IT2017/053	11700217013	SUMEDHA SEN		12	12	10	10	6	8	36	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		10	11	10	12	6	7	35	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		11	12	11	10	9	8	37	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		12	13	12	13	9	10	48	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		11	11	10	9	7	7	35	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		13	13	12	12	10	9	48	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		14	15	14	14	10	10	58	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		8	11	9	12	7	6	35	0	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		10	12	11	10	8	8	38	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		8	11	9	12	7	7	35	0	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		10	11	10	10	6	7	35	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		10	12	11	10	9	8	39	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		8	11	8	12	7	8	29	0	1	0	1	1	1	0
19	IT2017/064	11700217026	SOURAV SAMANTA		10	12	11	10	9	8	39	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		10	13	9	12	7	7	35	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		8	11	8	12	7	7	29	0	1	0	1	1	1	0
22	IT2017/063	11700217030	SONALI		10	11	10	10	6	7	35	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		7	6	6	6	5	6	18	0	0	0	0	0	1	0
24	IT2017/045	11700217032	SOHAM ROY		12	13	13	12	10	9	50	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		8	9	7	9	5	6	22	0	1	0	1	0	1	0
26	IT2017/044	11700217034	SNEHA DEEP		10	13	8	12	7	7	30	1	1	0	1	1	1	0
27	IT2017/083	11700217035	SK ISHAN ALI		10	9	9	8	7	7	24	1	1	1	0	1	1	0
28	IT2017/031	11700217036	SIMRAN SHAW		11	11	10	9	8	7	23	1	1	1	1	1	1	0
29	IT2017/023	11700217037	SIMANTINI GHOSH		8	6	6	9	8	8	23	0	0	0	1	1	1	0
30	IT2017/056	11700217038	SIDHU KUMAR		7	8	7	9	6	6	21	0	0	0	1	1	1	0
31	IT2017/050	11700217039	SHREYA SENGUPTA		10	11	10	10	6	7	35	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		8	9	7	9	5	6	22	0	1	0	1	0	1	0
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		7	5	7	8	6	5	18	0	0	0	0	1	0	0
34	IT2017/099	11700217042	SHIVAM		10	13	9	12	7	7	30	1	1	1	1	1	1	0
35	IT2017/097	11700217043	SHEIKH TABISH		10	12	9	12	7	7	35	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR		10	12	11	10	8	8	38	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		10	9	9	8	7	7	24	1	1	1	0	1	1	0
38	IT2017/098	11700217046	SAYAN MUKHERJEE		6	6	7	6	5	6	19	0	0	0	0	0	1	0
39	IT2017/032	11700217047	SALINE SHAW		8	6	6	9	8	8	23	0	0	0	1	1	1	0
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		8	9	7	9	5	6	21	0	1	0	1	0	1	0
41	IT2017/065	11700217049	SAIMANTI LAHA		11	12	11	10	8	8	37	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH		8	11	8	12	7	7	29	0	1	0	1	1	1	0
43	IT2017/017	11700217051	ROHAN SHAH		10	11	10	7	6	7	35	1	1	1	0	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY		11	12	11	11	8	8	37	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE		11	13	11	10	8	8	39	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		10	11	10	8	7	7	35	1	1	1	0	1	1	1
47	IT2017/002	11700217055	RIYA KIRTANIA		14	13	12	13	10	10	47	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA		7	7	8	9	8	7	23	0	0	0	1	1	1	0
49	IT2017/022	11700217057	RIJA DEY		11	13	11	10	8	8	39	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		8	9	8	8	7	5	23	0	1	0	0	1	0	0
51	IT2017/123	11700217059	RAYA PAUL		9	9	10	8	6	7	24	1	1	1	0	1	1	0
52	IT2017/043	11700217060	RAVI KUMAR		8	11	8	12	7	7	29	0	1	0	1	1	1	0
53	IT2017/070	11700217061	RAUNAK GUPTA		10	11	10	7	6	8	35	1	1	1	0	1	1	1
54	IT2017/107	11700217062	RAKESH KUMAR		10	9	9	8	7	7	24	1	1	1	0	1	1	0
55	IT2017/016	11700217063	RAJAT BISWAS		8	11	8	12	7	7	29	0	1	0	1	1	1	0
56	IT2017/046	11700217064	PRIYANSHU JHA		11	13	11	10	8	8	39	1	1	1	1	1	1	1
57	IT2017/114	11700217065	PRIYA SINHA		10	13	8	12	7	7	30	1	1	0	1	1	1	0
58	IT2017/049	11700217066	PREETAM GHOSH		10	11	10	7	6	7	35	1	1	1	0	1	1	1
59	IT2017/118	11700217067	PRATYAY RUDRA		8	11	8	12	7	7	29	0	1	0	1	1	1	0
60	IT2017/048	11700217068	PRASHANT KUMAR		10	12	8	12	7	8	35	1	1	0	1	1	1	1
61	IT2017/113	11700217069	PRAPTY CHANDA		8	9	9	8	7	5	23	0	1	1	0	1	0	0
62	IT2017/112	11700217070	PRAGATI KUMARI		9	8	10	8	6	7	25	1	0	1	0	1	1	0
63	IT2017/071	11700217071	POULOMI SEN		10	11	10	7	6	7	35	1	1	1	0	1	1	1
64	IT2017/033	11700217072	PIYUSH KUMAR		10	13	8	12	7	7	30	1	1	0	1	1	1	0
65	IT2017/057	11700217074	NISHANT GAURAV		11	12	10	12	8	7	37	1	1	1	1	1	1	1
66	IT2017/106	11700217075	NILORMI DAS		12	13	13	13	9	10	48	1	1	1	1	1	1	1
67	IT2017/027	11700217076	NILANJAN DUTTA		10	12	11	10	8	8	38	1	1	1	1	1	1	1
68	IT2017/047	11700217077	NEHA PRIYADARSHNI		8	11	9	12	7	7	35	0	1	1	1	1	1	1
69	IT2017/095	11700217078	NATASHA CHANDA		10	11	10	7	6	7	35	1	1	1	0	1	1	1
70	IT2017/007	11700217079	NADEEM RAZA KHAN		10	9	10	8	6	8	35	1	1	1	0	1	1	1



71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMEVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/068	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

8	9	8	8	7	5	23	0	1	0	0	1	0	0
9	9	10	8	6	7	24	1	1	1	0	1	1	0
10	12	11	11	8	8	37	1	1	1	1	1	1	1
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10	10	10	7	6	7	35	1	1	1	0	1	1	1
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11	12	11	10	9	8	37	1	1	1	1	1	1	1
6	6	8	6	5	6	19	0	0	0	0	0	1	0
8	11	8	12	7	7	35	0	1	0	1	1	1	1
9	9	10	8	6	7	24	1	1	1	0	1	1	0
10	12	11	10	8	8	38	1	1	1	1	1	1	1
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9	10	10	9	7	7	27	1	1	1	1	1	1	0
10	9	8	8	7	7	25	1	1	0	0	1	1	0
11	10	10	10	7	7	38	1	1	1	1	1	1	1
10	12	11	11	8	8	37	1	1	1	1	1	1	1
11	12	10	12	8	7	37	1	1	1	1	1	1	1
7	6	7	6	6	5	18	0	0	0	0	1	0	0
9	10	10	9	7	7	35	1	1	1	1	1	1	1
12	13	13	13	9	10	48	1	1	1	1	1	1	1
6	5	8	6	6	5	17	0	0	0	0	1	0	0
11	10	8	10	8	7	38	1	1	1	0	1	1	1
4	15	14	15	9	10	58	0	1	1	1	1	1	1
10	12	11	12	7	8	39	1	1	1	1	1	1	1
14	15	14	14	10	9	58	1	1	1	1	1	1	1
14	13	12	13	10	10	47	1	1	1	1	1	1	1
8	6	7	9	8	8	26	0	0	0	1	1	1	0
14	15	14	15	9	10	59	1	1	1	1	1	1	1
10	12	12	12	7	7	35	1	1	1	1	1	1	1
11	10	10	10	7	7	38	1	1	1	1	1	1	1
10	12	11	11	8	8	37	1	1	1	1	1	1	1
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13	13	14	12	10	9	51	1	1	1	1	1	1	1
9	9	8	9	7	6	23	1	1	0	1	1	1	0
9	9	10	8	6	7	24	1	1	1	0	1	1	0
11	11	10	9	7	7	23	1	1	1	1	1	1	0
8	8	10	9	6	5	23	0	0	1	1	1	0	0
8	9	10	8	6	7	24	0	1	1	0	1	1	0
8	6	7	9	8	8	23	0	0	0	1	1	1	0
9	10	10	9	7	7	35	1	1	1	1	1	1	1
10	11	10	7	6	7	35	1	1	1	0	1	1	1
11	12	10	12	8	7	37	1	1	1	1	1	1	1
10	12	11	10	8	8	38	1	1	1	1	1	1	1
7	5	7	6	5	6	19	0	0	0	0	0	1	0
11	12	11	10	8	8	37	1	1	1	1	1	1	1
9	10	10	9	7	7	35	1	1	1	1	1	1	1
11	12	10	12	8	7	37	1	1	1	1	1	1	1
14	13	12	13	10	10	47	1	1	1	1	1	1	1
10	12	12	12	7	7	35	1	1	1	1	1	1	1

1	84	102	83	88	112	112	72
0	36	18	37	32	8	8	48
CO attn	0.70	0.85	0.69	0.73	0.93	0.93	0.60

Avg Attn	0.81
Attn Level	3

Avg Attn	0.60
Attn Level	1

Overall Course Outcome Attainment														
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)														
Direct CO attainment level												2		
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		
Avg values from table 1	3.00	3.00	1.83	1.00	0	1.00	1.00	0	0	0	0	0		
Overall (Direct) CO attainment level	2	2	2	2	2	2	2	2	2	2	2	2		
Attainment of PO for this course	2.00	2.00	1.22	0.67	0.00	0.67	0.67	0.00	0.00	0.00	0.00	0.00	0.60	
Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3														
	PSO1	PSO2	PSO3											
Avg values from table 2	0	1.00	1.00											
Overall (Direct) CO attainment level	2	2	2											
Attainment of PSO for this course	0.00	0.67	0.67	0.44										



Mapping of CO with PO and PSO of Physics-I (Paper code: PH191)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
	CO1	2	3	1	1	-	-	-	-	-	-	-	-	-
	CO2	2	3	1	1	-	-	-	-	-	-	-	-	-
	CO3	2	3	3	1	-	-	-	-	-	-	-	-	-
	CO4	2	3	1	2	-	-	-	-	-	-	-	-	-
	CO5	2	2	3	1	-	-	-	-	-	-	-	-	-
	CO6	2	1	3	2	-	-	-	-	-	-	-	-	-
	AVERAGE	2.00	2.33	2.00	1.33	0	0	0	0	0	0	0	0	0

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	2	-	-
	CO2	2	-	-
	CO3	2	-	-
	CO4	2	-	-
	CO5	2	-	-
	CO6	2	-	-
	AVERAGE	2.00	0	0

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						
					Course Outcomes			Marks Distribution				CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					15	15	10	15	15	10								
					80%						80%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	15	14	9	14	15	9	66	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	13	13	8	12	13	8	66	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	12	10	7	9	11	6	40	1	0	0	0	0	0	0
4	IT2017/067	11700217010	SURYAPRATIM RAY	80%	14	15	9	15	14	9	67	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	15	14	9	14	14	8	39	1	1	1	1	1	1	0
6	IT2017/053	11700217013	SUMEDHA SEN	80%	15	14	10	14	13	10	66	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	15	15	10	14	15	9	57	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	12	12	8	13	12	8	66	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	12	12	8	12	12	7	66	1	1	1	1	1	0	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	12	13	9	12	13	8	58	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	15	15	9	15	14	10	66	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	9	11	8	11	7	8	66	0	0	1	0	0	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	15	14	10	14	15	9	57	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	14	15	10	15	14	9	56	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	15	15	9	14	15	9	56	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	15	14	9	15	14	8	66	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	5	8	8	11	10	7	66	0	0	1	0	0	0	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	14	15	9	14	15	9	58	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	14	15	8	15	14	8	58	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	13	12	8	12	13	8	66	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	80%	5	8	9	11	7	6	51	0	0	1	0	0	0	1
22	IT2017/063	11700217030	SONALI	80%	14	15	10	15	14	9	56	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA	80%	8	11	6	8	9	5	42	0	0	0	0	0	0	0
24	IT2017/045	11700217032	SOHAM ROY	80%	15	15	9	15	14	10	57	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	12	12	8	13	12	8	58	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	12	13	8	12	13	8	59	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	13	11	8	12	12	7	51	1	0	1	1	1	0	1
28	IT2017/031	11700217036	SIMRAN SHAW	80%	14	15	9	15	14	9	57	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	14	13	8	14	15	9	56	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR	80%	15	14	9	14	14	9	46	1	1	1	1	1	1	0
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	15	14	9	15	14	9	66	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	15	14	8	14	15	10	36	1	1	1	1	1	1	0
34	IT2017/099	11700217042	SHIVAM	80%	9	12	7	9	8	7	56	0	1	0	0	0	0	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	13	15	8	15	14	9	56	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR	80%	14	15	9	14	15	9	66	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	12	12	9	12	12	8	56	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE	80%	12	11	8	11	12	6	57	1	0	1	0	1	0	1
39	IT2017/032	11700217047	SALINE SHAW	80%	15	15	9	15	14	9	66	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	80%	15	14	10	15	14	10	58	1	1	1	1	1	1	1



41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMEVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
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91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA

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14	11	7	13	11	8	42	1	0	0	0	0	0	1	0
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12	10	7	12	10	6	57	1	0	0	1	0	0	0	1
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12	13	9	12	13	8	57	1	1	1	1	1	1	1	1
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13	15	10	15	15	9	66	1	1	1	1	1	1	1	1
15	14	10	15	14	9	46	1	1	1	1	1	1	1	0
14	15	10	13	14	9	36	1	1	1	1	1	1	1	0
15	14	9	14	15	9	56	1	1	1	1	1	1	1	1
12	13	8	13	12	9	26	1	1	1	1	1	1	1	0
14	15	10	15	14	9	46	1	1	1	1	1	1	1	0
12	9	7	13	8	7	36	1	0	0	1	0	0	0	0
12	13	8	13	13	8	46	1	1	1	1	1	1	1	0
12	11	8	12	10	7	56	1	0	1	1	0	0	0	1
14	15	9	14	15	9	36	1	1	1	1	1	1	1	0
12	13	9	13	12	8	42	1	1	1	1	1	1	1	0
12	13	8	12	12	9	66	1	1	1	1	1	1	1	1
12	12	8	13	13	8	58	1	1	1	1	1	1	1	1
12	12	9	14	13	8	56	1	1	1	1	1	1	1	1
9	7	9	7	8	5	46	0	0	1	0	0	0	0	0
14	15	8	13	12	8	66	1	1	1	1	1	1	1	1
12	12	8	12	13	9	66	1	1	1	1	1	1	1	1
13	12	9	13	13	8	57	1	1	1	1	1	1	1	1
14	15	10	15	14	10	66	1	1	1	1	1	1	1	1
15	15	9	14	15	10	66	1	1	1	1	1	1	1	1
12	12	8	12	13	9	49	1	1	1	1	1	1	1	1
15	15	9	13	15	9	66	1	1	1	1	1	1	1	1
13	14	9	14	15	10	56	1	1	1	1	1	1	1	1
12	12	8	12	13	9	57	1	1	1	1	1	1	1	1
14	15	10	15	15	10	66	1	1	1	1	1	1	1	1
12	12	9	12	12	8	66	1	1	1	1	1	1	1	1
12	12	9	12	12	8	58	1	1	1	1	1	1	1	1
12	12	9	12	12	8	57	1	1	1	1	1	1	1	1
12	12	9	12	12	8	57	1	1	1	1	1	1	1	1
12	12	9	12	12	8	58	1	1	1	1	1	1	1	1
12	12	9	12	12	8	59	1	1	1	1	1	1	1	1
12	12	9	12	12	8	50	1	1	1	1	1	1	1	1
12	12	9	12	12	8	57	1	1	1	1	1	1	1	1



108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

12	12	9	12	12	8	57	1	1	1	1	1	1	1	1
12	12	9	12	12	8	50	1	1	1	1	1	1	1	1
9	11	7	7	9	6	66	0	0	0	0	0	0	0	1
12	12	9	12	12	8	41	1	1	1	1	1	1	1	0
10	9	7	11	12	7	32	0	0	0	0	1	0	0	0
12	12	9	12	12	8	66	1	1	1	1	1	1	1	1
12	12	9	12	12	8	56	1	1	1	1	1	1	1	1
11	12	9	7	13	9	50	0	1	1	0	1	1	1	1
12	12	9	12	12	8	49	1	1	1	1	1	1	1	1
12	12	9	12	12	8	58	1	1	1	1	1	1	1	1
12	12	9	12	12	8	66	1	1	1	1	1	1	1	1
15	14	10	14	15	10	66	1	1	1	1	1	1	1	1
9	11	7	13	8	9	40	0	0	0	1	0	1	0	0

1	106	100	108	102	101	103	101
0	14	20	12	18	19	17	19
CO attn	0.88	0.83	0.90	0.85	0.84	0.86	0.84

Avg Attn	0.86
Attn Level	3

Avg Attn	0.84
Attn Level	3

Overall Course Outcome Attainment												
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)												
Direct CO attainment level												3
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Avg values from table 1	2.00	2.33	2.00	1.33	0	0	0	0	0	0	0	0
Overall(Direct)CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3
Attainment of PO for this course	2.00	2.33	2.00	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.00	0	0	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	2.00	0.00	0.00	0.67

Mapping of CO with PO of the Course Basic Electrical & Electronic Engineering- I (ES 191)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	3	3	1	-	-	-	2	2	-	2
CO2	3	3	3	3	1	-	-	-	1	1	-	1
CO3	3	3	3	2	2	-	-	-	1	2	-	1
CO4	3	3	3	3	1	-	-	-	1	2	-	1
CO5	3	3	2	3	1	-	-	-	2	2	-	1
CO6	3	3	3	2	2	-	-	-	1	2	-	1
AVERAGE	3.00	3.00	2.83	2.67	1.33	0	0	0	1.33	1.83	0	1.17

Average =sum/ number of entry

TABLE 2	PSO1	PSO2	PSO3
CO1	2	1	-
CO2	2	1	-
CO3	3	2	-
CO4	3	2	-
CO5	2	1	-
CO6	3	2	-
AVERAGE	2.50	1.50	0

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of students attaining course outcomes and attainment level																			
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %							
					PCA1			PCA2				60	CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6									
					15	15	10	15	15	10									
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	15	14	9	14	15	9	51	1	1	1	1	1	1	1	
2	IT2017/121	11700217008	SUVAM PATRA	80%	9	13	8	12	13	8	51	0	1	1	1	1	1	1	
3	IT2017/089	11700217009	SUSNATA DAS	80%	9	10	7	9	9	6	23	0	0	0	0	0	0	0	
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	9	15	9	15	9	9	44	0	1	1	1	0	1	1	
5	IT2017/054	11700217012	SUPRATIM DAS	80%	9	14	9	14	14	8	35	0	1	1	1	1	1	0	
6	IT2017/053	11700217013	SUMEDHA SEN	80%	15	14	10	14	9	10	29	1	1	1	1	0	1	0	
7	IT2017/039	11700217014	SUMAN KAYAL	80%	8	15	10	14	9	9	33	0	1	1	1	0	1	0	
8	IT2017/067	11700217015	SUKANYA SAHA	80%	8	12	8	13	9	8	49	0	1	1	1	0	1	1	
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	8	12	8	12	12	7	55	0	1	1	1	1	0	1	
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	12	13	9	12	13	8	55	1	1	1	1	1	1	1	
11	IT2017/052	11700217018	SUBHANGEE	80%	8	15	9	15	9	10	43	0	1	1	1	0	1	1	
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	8	11	8	11	9	8	53	0	0	1	0	0	1	1	
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	15	14	7	14	9	9	40	1	1	0	1	0	1	1	
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	14	15	7	15	9	9	42	1	1	0	1	0	1	1	
15	IT2017/094	11700217022	SRIJANI ROY	80%	8	15	7	14	15	9	44	0	1	0	1	1	1	1	
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	8	14	7	15	9	8	54	0	1	0	1	0	1	1	
17	IT2017/012	11700217024	SOURAV SHAW	80%	5	8	7	11	10	7	39	0	0	0	0	0	0	1	
18	IT2017/075	11700217025	SOURAV SARKAR	80%	14	15	7	14	15	9	49	1	1	0	1	1	1	1	
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	7	15	8	15	9	8	28	0	1	1	1	0	1	0	
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	7	12	8	12	13	8	44	0	1	1	1	1	1	1	
21	IT2017/008	11700217029	OUMYADEEP MUKHERJEE	80%	7	8	9	11	9	6	31	0	0	1	0	0	0	0	
22	IT2017/063	11700217030	SONALI	80%	14	15	10	15	9	9	46	1	1	1	1	0	1	1	
23	IT2017/109	11700217031	SOMENATH RANA	80%	8	11	6	8	8	5	35	0	0	0	0	0	0	0	
24	IT2017/045	11700217032	SOHAM ROY	80%	10	15	9	15	14	10	44	0	1	1	1	1	1	1	
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	10	12	7	13	12	8	55	0	1	0	1	1	1	1	
26	IT2017/044	11700217034	SNEHA DEEP	80%	12	13	8	12	13	8	41	1	1	1	1	1	1	1	
27	IT2017/083	11700217035	SK ISHAN ALI	80%	13	11	7	12	12	7	39	1	0	0	1	1	0	1	
28	IT2017/031	11700217036	SIMRAN SHAW	80%	14	15	7	15	14	9	50	1	1	0	1	1	1	1	
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	14	13	7	14	9	9	49	1	1	0	1	0	1	1	
30	IT2017/056	11700217038	SIDHU KUMAR	80%	8	14	9	14	9	9	37	0	1	1	1	0	1	0	
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	8	14	7	15	14	9	41	0	1	0	1	1	1	1	
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	8	15	7	15	9	10	32	0	1	0	1	0	1	0	
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	8	14	7	14	15	10	24	0	1	0	1	1	1	0	
34	IT2017/099	11700217042	SHIVAM	80%	9	12	7	9	9	7	44	0	1	0	0	0	0	1	
35	IT2017/097	11700217043	SHEIKH TABISH	80%	9	15	7	15	9	9	45	0	1	0	1	0	1	1	
36	IT2017/072	11700217044	SAYED AKHTAR	80%	9	15	9	14	15	9	43	0	1	1	1	1	1	1	
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	9	12	9	12	12	8	49	0	1	1	1	1	1	1	
38	IT2017/098	11700217046	SAYAN MUKHERJEE	80%	12	11	8	11	12	6	44	1	0	1	0	1	0	1	
39	IT2017/032	11700217047	SALINE SHAW	80%	7	15	7	15	9	9	46	0	1	0	1	0	1	1	
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	80%	7	14	7	15	9	10	41	0	1	0	1	0	1	1	
41	IT2017/065	11700217049	SAIMANTI LAHA	80%	7	15	7	14	9	9	52	0	1	0	1	0	1	1	
42	IT2017/105	11700217050	SAHIL PRAKASH	80%	5	7	7	10	11	8	41	0	0	0	0	0	1	1	
43	IT2017/017	11700217051	ROHAN SHAH	80%	12	11	8	12	12	8	49	1	0	1	1	1	1	1	
44	IT2017/058	11700217052	ROHAN KUMAR ROY	80%	14	15	9	14	9	9	33	1	1	1	1	0	1	0	
45	IT2017/010	11700217053	ROHAN BANERJEE	80%	12	14	9	13	9	9	56	1	1	1	1	0	1	1	
46	IT2017/030	11700217054	RIZWAN ANSARI	80%	12	13	8	11	12	8	30	1	1	1	0	1	1	0	
47	IT2017/002	11700217055	RIYA KIRTANIA	80%	12	13	8	12	9	9	43	1	1	1	1	0	1	1	
48	IT2017/110	11700217056	RITAYAN DHARA	80%	7	3	8	10	11	5	46	0	0	1	0	0	0	1	
49	IT2017/022	11700217057	RIJA DEY	80%	12	13	8	12	12	8	48	1	1	1	1	1	1	1	
50	IT2017/040	11700217058	REEMA HAZRA	80%	5	4	7	10	9	9	47	0	0	0	0	0	1	1	
51	IT2017/123	11700217059	RAYA PAUL	80%	12	12	8	13	9	8	32	1	1	1	1	0	1	0	
52	IT2017/043	11700217060	RAVI KUMAR	80%	13	13	8	13	12	8	36	1	1	1	1	1	1	0	
53	IT2017/070	11700217061	RAUNAK GUPTA	80%	14	15	10	15	9	10	43	1	1	1	1	0	1	1	
54	IT2017/107	11700217062	RAKESH KUMAR	80%	14	15	9	14	14	9	49	1	1	1	1	1	1	1	
55	IT2017/016	11700217063	RAJAT BISWAS	80%	13	12	8	11	12	9	29	1	1	1	0	1	1	0	
56	IT2017/046	11700217064	PRIYANSHU JHA	80%	15	14	9	15	9	10	40	1	1	1	1	0	1	1	
57	IT2017/114	11700217065	PRIYA SINHA	80%	12	12	8	12	9	8	41	1	1	1	1	0	1	1	
58	IT2017/049	11700217066	PREETAM GHOSH	80%	13	12	8	13	9	7	45	1	1	1	1	0	0	1	
59	IT2017/118	11700217067	PRATYAY RUDRA	80%	14	15	9	14	9	9	56	1	1	1	1	0	1	1	
60	IT2017/048	11700217068	PRASHANT KUMAR	80%	15	14	9	15	9	9	40	1	1	1	1	0	1	1	
61	IT2017/113	11700217069	PRAPTY CHANDA	80%	14	15	9	15	9	9	55	1	1	1	1	0	1	1	
62	IT2017/112	11700217070	PRAGATI KUMARI	80%	14	11	7	13	11	8	30	1	0	0	1	0	1	0	
63	IT2017/071	11700217071	POULOMI SEN	80%	12	12	7	11	10	7	45	1	1	0	0	0	0	1	
64	IT2017/033	11700217072	PIYUSH KUMAR	80%	12	10	7	12	10	6	34	1	0	0	1	0	0	0	
65	IT2017/057	11700217074	NISHANT GAURAV	80%	12	12	8	12	13	9	36	1	1	1	1	1	1	0	



66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	ARMVEER KUMAR THAKU
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	BOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	SUNARKA MUKHOPADHY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

12	13	9	12	9	8	45	1	1	1	1	0	1	1
10	11	7	9	9	9	42	0	0	0	0	0	1	1
12	13	8	13	9	8	37	1	1	1	1	0	1	0
14	15	9	14	9	10	46	1	1	1	1	0	1	1
14	15	9	14	10	10	37	1	1	1	1	0	1	0
14	15	9	14	13	9	33	1	1	1	1	1	1	0
15	15	9	14	9	9	34	1	1	1	1	0	1	0
14	15	9	14	14	10	51	1	1	1	1	1	1	1
14	15	9	14	14	9	44	1	1	1	1	1	1	1
13	15	10	15	15	9	44	1	1	1	1	1	1	1
15	14	10	15	14	9	30	1	1	1	1	1	1	0
14	15	10	13	14	9	31	1	1	1	1	1	1	0
15	14	9	14	15	9	42	1	1	1	1	1	1	1
15	13	8	13	12	9	21	1	1	1	1	1	1	0
14	15	10	15	14	9	38	1	1	1	1	1	1	0
12	9	7	13	8	7	32	1	0	0	1	0	0	0
12	13	8	13	13	8	31	1	1	1	1	1	1	0
12	11	8	12	10	7	35	1	0	1	1	0	0	0
14	15	9	14	15	9	41	1	1	1	1	1	1	1
12	13	9	13	12	8	47	1	1	1	1	1	1	1
12	13	8	12	12	9	48	1	1	1	1	1	1	1
12	12	8	13	13	8	47	1	1	1	1	1	1	1
12	12	9	14	13	8	42	1	1	1	1	1	1	1
9	7	9	7	8	5	35	0	0	1	0	0	0	0
14	15	8	13	12	8	47	1	1	1	1	1	1	1
12	12	8	12	13	9	35	1	1	1	1	1	1	0
13	12	9	13	13	8	25	1	1	1	1	1	1	0
14	15	10	15	14	10	38	1	1	1	1	1	1	0
15	15	9	14	15	10	44	1	1	1	1	1	1	1
12	12	8	12	13	9	41	1	1	1	1	1	1	1
15	15	9	13	15	9	54	1	1	1	1	1	1	1
13	14	9	14	15	10	32	1	1	1	1	1	1	0
12	12	8	12	13	9	46	1	1	1	1	1	1	1
14	15	10	15	15	10	56	1	1	1	1	1	1	1
12	12	9	12	12	8	34	1	1	1	1	1	1	0
12	12	9	12	12	8	33	1	1	1	1	1	1	0
12	12	9	12	12	8	45	1	1	1	1	1	1	1
12	12	9	12	12	8	38	1	1	1	1	1	1	0
12	12	9	12	12	8	43	1	1	1	1	1	1	1
12	12	9	12	12	8	30	1	1	1	1	1	1	0
12	12	9	12	12	8	37	1	1	1	1	1	1	0
12	12	9	12	12	8	37	1	1	1	1	1	1	0
12	12	9	12	12	8	25	1	1	1	1	1	1	0
12	12	9	12	12	8	44	1	1	1	1	1	1	1
9	11	7	7	9	6	23	0	0	0	0	0	0	0
12	12	9	12	12	8	24	1	1	1	1	1	1	0
10	9	7	11	12	7	29	0	0	0	0	1	0	0
12	12	9	12	12	8	41	1	1	1	1	1	1	1
12	12	9	12	12	8	46	1	1	1	1	1	1	1
11	12	9	7	13	9	28	0	1	1	0	1	1	0
12	12	9	12	12	8	24	1	1	1	1	1	1	0
12	12	9	12	12	8	40	1	1	1	1	1	1	1
12	12	9	12	12	8	52	1	1	1	1	1	1	1
15	14	10	14	15	10	40	1	1	1	1	1	1	1
9	11	7	13	8	9	46	0	0	0	1	0	1	1

1	82	100	90	102	69	103	74
0	38	20	30	18	51	17	46
CO attn	0.68	0.83	0.75	0.85	0.58	0.86	0.62

Avg Attn	0.76
Attn Level	2

Avg Attn	0.62
Attn Level	1



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level													1.4
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	3.00	2.83	2.67	1.33	0	0	0	1.33	1.83	0	1.17	
Overall (Direct) CO attainment level	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
Attainment of PO for this course	1.40	1.40	1.32	1.24	0.62	0.00	0.00	0.00	0.62	0.86	0.00	0.54	0.67

PSO attainment vale = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.50	1.50	0	
Overall (Direct) CO attainment level	1.4	1.4	1.4	
Attainment of PSO for this course	1.17	0.70	0.00	0.62

Mapping of CO with PO and PSO of Engg. Drawing & Graphics (Paper code: ME192)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	1	-	-	-	-	-	-	-	-	-	-	-
	CO2	1	-	-	-	-	1	-	1	-	-	1	-
	CO3	1	-	-	-	-	1	-	1	1	-	2	-
	CO4	1	-	-	-	-	-	2	-	2	1	1	-
	CO5	1	-	-	-	-	-	2	-	2	1	1	1
	CO6	1	-	-	-	-	-	2	-	2	1	2	1
	AVERAGE	1.00	0	0	0	0	1.00	2.00	1.00	1.75	1.00	1.40	1.00

Average = Sum/ Number of entries

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	-	1
	CO2	1	-	1
	CO3	1	-	1
	CO4	-	1	1
	CO5	1	-	1
	CO6	-	1	1
	AVERAGE	1.00	1.00	1.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Course Outcomes	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam	
					PCA1			PCA2				60	CO1	CO2	CO3	CO4	CO5		CO6
					CO1	CO2	CO3	CO4	CO5	CO6									
					15	15	10	15	15	10									
					80%						70%	80%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		15	14	9	14	15	9	55	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		13	13	8	12	12	8	50	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		13	13	8	12	12	8	45	1	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY		13	13	8	12	12	8	56	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		13	13	8	12	12	8	50	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		13	13	8	12	12	8	46	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		13	13	8	12	12	8	55	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		15	14	9	14	15	9	45	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		15	14	9	14	15	9	45	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		13	13	8	12	12	8	44	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		15	14	9	14	15	9	56	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		15	14	9	14	15	9	45	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		15	14	10	14	15	9	57	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		14	15	10	15	14	9	57	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		15	15	9	14	15	9	55	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		15	14	9	15	14	8	56	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		12	13	8	12	12	8	45	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		14	15	9	14	15	9	57	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		14	15	8	15	14	8	51	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		13	12	8	12	13	8	46	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		15	14	9	14	15	9	55	1	1	1	1	1	1	1	1



22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH

14	15	10	15	14	9	57	1	1	1	1	1	1	1	1
15	14	10	14	15	9	55	1	1	1	1	1	1	1	1
15	15	9	15	14	10	56	1	1	1	1	1	1	1	1
12	12	8	13	12	8	50	1	1	1	1	1	1	1	1
12	13	8	12	13	8	48	1	1	1	1	1	1	1	1
13	12	8	12	12	9	48	1	1	1	1	1	1	1	1
14	15	9	15	14	9	55	1	1	1	1	1	1	1	1
14	13	8	14	15	9	50	1	1	1	1	1	1	1	1
15	14	9	14	14	9	53	1	1	1	1	1	1	1	1
15	14	9	15	14	9	52	1	1	1	1	1	1	1	1
15	15	10	15	15	10	58	1	1	1	1	1	1	1	1
15	14	8	14	15	10	52	1	1	1	1	1	1	1	1
13	12	9	12	12	8	45	1	1	1	1	1	1	1	1
13	15	8	15	14	9	57	1	1	1	1	1	1	1	1
14	15	9	14	15	9	56	1	1	1	1	1	1	1	1
12	12	9	12	12	8	46	1	1	1	1	1	1	1	1
12	13	8	13	12	8	50	1	1	1	1	1	1	1	1
15	15	9	15	14	9	55	1	1	1	1	1	1	1	1
15	14	10	15	14	10	57	1	1	1	1	1	1	1	1
15	15	9	14	14	9	55	1	1	1	1	1	1	1	1
15	14	9	15	14	9	53	1	1	1	1	1	1	1	1
12	11	8	12	12	8	45	1	0	1	1	1	1	1	1
14	15	9	14	14	9	55	1	1	1	1	1	1	1	1
12	14	9	13	12	9	46	1	1	1	1	1	1	1	1
12	13	8	11	12	8	50	1	1	1	0	1	1	1	1
12	13	8	12	12	9	47	1	1	1	1	1	1	1	1
14	15	9	14	14	10	57	1	1	1	1	1	1	1	1
12	13	8	12	12	8	50	1	1	1	1	1	1	1	1
12	12	8	12	13	9	48	1	1	1	1	1	1	1	1
12	12	8	13	12	8	46	1	1	1	1	1	1	1	1
13	13	8	13	12	8	45	1	1	1	1	1	1	1	1
14	15	10	15	14	10	57	1	1	1	1	1	1	1	1
14	15	9	14	14	9	56	1	1	1	1	1	1	1	1
13	12	8	11	12	9	48	1	1	1	1	0	1	1	1
15	14	9	15	14	10	51	1	1	1	1	1	1	1	1
12	12	8	12	13	8	45	1	1	1	1	1	1	1	1
13	12	8	13	13	8	48	1	1	1	1	1	1	1	1
14	15	9	14	15	9	52	1	1	1	1	1	1	1	1
15	14	9	15	15	9	57	1	1	1	1	1	1	1	1
14	15	9	15	14	9	51	1	1	1	1	1	1	1	1
14	15	10	14	15	9	55	1	1	1	1	1	1	1	1
12	12	8	12	13	8	48	1	1	1	1	1	1	1	1
12	12	9	12	12	8	50	1	1	1	1	1	1	1	1
12	12	8	12	13	9	47	1	1	1	1	1	1	1	1
12	13	9	12	13	8	45	1	1	1	1	1	1	1	1
15	14	9	15	14	9	50	1	1	1	1	1	1	1	1
12	13	8	13	13	8	49	1	1	1	1	1	1	1	1
14	15	9	14	15	8	51	1	1	1	1	1	1	1	1
14	15	9	14	15	10	56	1	1	1	1	1	1	1	1
15	15	9	14	15	9	55	1	1	1	1	1	1	1	1
14	15	9	14	14	9	55	1	1	1	1	1	1	1	1
13	12	8	13	12	8	50	1	1	1	1	1	1	1	1
15	14	10	15	14	9	57	1	1	1	1	1	1	1	1
14	15	10	13	14	9	57	1	1	1	1	1	1	1	1
15	14	9	14	15	9	56	1	1	1	1	1	1	1	1
12	13	8	13	12	9	48	1	1	1	1	1	1	1	1
14	15	10	15	14	9	52	1	1	1	1	1	1	1	1
12	12	9	13	12	9	50	1	1	1	1	1	1	1	1
12	13	8	13	13	8	50	1	1	1	1	1	1	1	1
12	13	8	12	12	8	50	1	1	1	1	1	1	1	1
14	15	9	14	15	9	53	1	1	1	1	1	1	1	1
12	13	9	13	12	8	47	1	1	1	1	1	1	1	1
12	13	8	12	12	9	48	1	1	1	1	1	1	1	1
12	12	8	13	13	8	48	1	1	1	1	1	1	1	1
12	12	9	14	13	8	50	1	1	1	1	1	1	1	1
15	13	9	15	13	9	45	1	1	1	1	1	1	1	1
14	15	8	13	12	8	46	1	1	1	1	1	1	1	1
12	12	8	12	13	9	47	1	1	1	1	1	1	1	1
13	12	9	13	13	8	45	1	1	1	1	1	1	1	1
12	13	8	13	12	9	50	1	1	1	1	1	1	1	1
13	12	9	13	13	8	46	1	1	1	1	1	1	1	1
12	12	8	12	13	9	45	1	1	1	1	1	1	1	1



Mapping of CO with PO and PSO of Language Laboratory (Paper code: HU181)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	-	-	-	-	-	2	2	-	2	3	-	2
	CO2	-	-	-	-	-	2	2	-	2	3	-	2
	CO3	-	-	-	-	-	2	2	-	2	3	-	2
	CO4	-	-	-	-	-	2	2	-	2	3	-	2
	CO5	-	-	-	-	-	2	2	-	2	3	-	2
	CO6	-	-	-	-	-	2	2	-	2	3	-	2
	AVERAGE	0	0	0	0	0	2.00	2.00	0	2.00	3.00	0	2.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	1	1
	CO2	1	1	1
	CO3	1	1	1
	CO4	1	1	1
	CO5	1	1	1
	CO6	1	1	1
	AVERAGE	1.00	1.00	1.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %							
					PCA1			PCA2				CO Attainment in Univ Exam	CO1	CO2	CO3	CO4	CO5	CO6	
					CO1	CO2	CO3	CO4	CO5	CO6									
					15	15	10	15	15	10									
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	13	14	9	12	13	9	51	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	13	13	8	12	13	8	53	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	12	14	9	12	12	8	50	1	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	14	14	9	12	14	9	56	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	15	14	9	14	14	8	50	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	13	13	8	12	13	8	46	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	14	13	9	14	12	9	55	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	12	12	8	13	12	8	41	1	1	1	1	1	1	1	0
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	12	12	8	12	12	7	35	1	1	1	1	1	0	0	0
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	12	13	9	12	13	8	44	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	15	14	9	12	14	9	56	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	12	13	8	12	13	8	45	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	14	14	9	14	11	9	57	1	1	1	1	0	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	14	15	10	15	14	9	57	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	14	15	9	14	12	9	55	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	13	14	9	15	14	8	54	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	12	13	8	12	12	8	41	1	1	1	1	1	1	1	0
18	IT2017/075	11700217025	SOURAV SARKAR	80%	14	15	9	14	15	9	57	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	14	15	8	15	14	8	51	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	13	12	8	12	13	8	46	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOURAV DEEP MUKHERJEE	80%	13	14	9	14	14	9	55	1	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI	80%	14	15	10	11	14	9	57	1	1	1	0	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA	80%	13	14	8	14	12	9	55	1	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY	80%	13	15	9	12	14	10	56	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	12	12	8	13	12	8	50	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	12	13	8	12	13	8	54	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	13	11	8	12	12	7	35	1	0	1	1	1	1	0	0
28	IT2017/031	11700217036	SIMRAN SHAW	80%	14	15	9	15	14	9	55	1	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	14	13	8	14	15	9	41	1	1	1	1	1	1	1	0
30	IT2017/056	11700217038	SIDHU KUMAR	80%	13	14	9	14	14	9	53	1	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	14	14	9	15	14	9	52	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	12	15	8	15	12	10	58	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	12	14	8	14	12	10	52	1	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM	80%	13	12	9	12	12	8	45	1	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	13	15	8	12	14	9	57	1	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR	80%	14	15	9	14	12	9	48	1	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	12	12	9	12	12	8	46	1	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE	80%	12	11	8	11	12	6	35	1	0	1	0	1	0	0	0
39	IT2017/032	11700217047	SALINE SHAW	80%	15	15	9	14	14	9	55	1	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	80%	15	14	9	12	14	10	57	1	1	1	1	1	1	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA	80%	12	11	9	14	14	9	55	1	0	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH	80%	11	14	9	11	14	9	53	0	1	1	0	1	1	1	1
43	IT2017/017	11700217051	ROHAN SHAH	80%	12	11	8	12	12	8	35	1	0	1	1	1	1	1	0
44	IT2017/058	11700217052	ROHAN KUMAR ROY	80%	14	15	9	14	14	9	55	1	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE	80%	12	14	9	13	12	9	46	1	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI	80%	12	13	8	11	12	8	40	1	1	1	1	0	1	1	0
47	IT2017/002	11700217055	RIYA KIRTANIA	80%	12	13	8	12	12	9	47	1	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA	80%	14	15	9	14	14	10	57	1	1	1	1	1	1	1	1
49	IT2017/022	11700217057	RIJA DEY	80%	12	13	8	12	12	8	46	1	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA	80%	12	11	8	12	13	9	40	1	0	1	1	1	1	1	0



51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/037	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILOMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

12	12	8	13	12	8	46	1	1	1	1	1	1	1	1
13	13	8	13	12	8	45	1	1	1	1	1	1	1	1
14	15	10	15	14	10	57	1	1	1	1	1	1	1	1
14	15	9	14	14	9	56	1	1	1	1	1	1	1	1
13	12	8	11	12	9	41	1	1	1	0	1	1	1	0
15	14	9	15	14	10	51	1	1	1	1	1	1	1	1
12	12	8	12	13	8	45	1	1	1	1	1	1	1	1
13	12	8	13	11	7	35	1	1	1	1	0	0	0	0
14	15	9	14	15	9	52	1	1	1	1	1	1	1	1
15	14	9	11	15	9	57	1	1	1	0	1	1	1	1
14	15	9	15	14	9	51	1	1	1	1	1	1	1	1
14	15	10	14	12	9	55	1	1	1	1	1	1	1	1
12	12	7	11	10	7	35	1	1	0	0	0	0	0	0
12	10	7	12	10	6	28	1	0	0	1	0	0	0	0
12	12	8	12	13	9	47	1	1	1	1	1	1	1	1
12	13	9	12	13	8	45	1	1	1	1	1	1	1	1
15	14	9	12	14	9	50	1	1	1	1	1	1	1	1
12	13	8	13	13	8	51	1	1	1	1	1	1	1	1
14	15	9	14	12	8	51	1	1	1	1	1	1	1	1
14	15	9	14	15	10	56	1	1	1	1	1	1	1	1
14	15	9	14	14	9	55	1	1	1	1	1	1	1	1
15	15	9	14	15	9	55	1	1	1	1	1	1	1	1
14	15	9	14	14	10	56	1	1	1	1	1	1	1	1
14	15	9	14	14	9	55	1	1	1	1	1	1	1	1
13	10	8	13	12	7	35	1	0	1	1	1	1	1	0
15	14	10	12	14	9	57	1	1	1	1	1	1	1	1
14	15	10	13	14	9	57	1	1	1	1	1	1	1	1
15	14	9	14	15	9	56	1	1	1	1	1	1	1	1
12	13	8	13	12	9	41	1	1	1	1	1	1	1	0
14	12	10	11	14	9	52	1	1	1	0	1	1	1	1
12	12	9	13	12	9	46	1	1	1	1	1	1	1	1
12	13	8	13	13	8	40	1	1	1	1	1	1	1	0
12	11	8	12	10	7	48	1	0	1	1	0	0	1	1
14	15	9	14	15	9	53	1	1	1	1	1	1	1	1
12	13	9	13	12	8	47	1	1	1	1	1	1	1	1
12	13	8	12	12	9	40	1	1	1	1	1	1	1	0
12	12	8	13	13	8	45	1	1	1	1	1	1	1	1
12	12	9	14	13	8	41	1	1	1	1	1	1	1	0
15	13	9	12	13	9	51	1	1	1	1	1	1	1	1
14	15	8	13	12	8	46	1	1	1	1	1	1	1	1
12	12	8	12	13	9	47	1	1	1	1	1	1	1	1
13	12	9	13	13	8	50	1	1	1	1	1	1	1	1
12	13	8	13	12	9	40	1	1	1	1	1	1	1	0
13	12	9	13	13	8	46	1	1	1	1	1	1	1	1
12	12	8	12	13	9	45	1	1	1	1	1	1	1	1
12	12	8	12	13	8	41	1	1	1	1	1	1	1	0
12	12	8	12	13	8	41	1	1	1	1	1	1	1	0
12	12	8	12	13	9	40	1	1	1	1	1	1	1	0
12	12	8	13	13	8	45	1	1	1	1	1	1	1	1
12	12	9	12	12	8	46	1	1	1	1	1	1	1	1
13	12	9	13	13	8	45	1	1	1	1	1	1	1	1
12	13	8	13	12	9	40	1	1	1	1	1	1	1	0
13	12	9	13	13	8	46	1	1	1	1	1	1	1	1
12	12	8	12	13	9	45	1	1	1	1	1	1	1	1
12	12	8	12	13	8	41	1	1	1	1	1	1	1	0
13	12	8	13	13	8	46	1	1	1	1	1	1	1	1
12	12	8	12	13	8	41	1	1	1	1	1	1	1	0
12	13	8	13	12	9	40	1	1	1	1	1	1	1	0
13	12	9	13	13	8	46	1	1	1	1	1	1	1	1
12	12	8	12	13	9	45	1	1	1	1	1	1	1	1
12	12	8	12	13	8	41	1	1	1	1	1	1	1	0
12	12	8	12	13	9	45	1	1	1	1	1	1	1	1
12	12	8	12	13	8	41	1	1	1	1	1	1	1	0
12	12	8	12	13	9	45	1	1	1	1	1	1	1	1
12	12	8	12	13	8	41	1	1	1	1	1	1	1	0

1	119	112	118	112	115	113	90
0	1	8	2	8	5	7	30
CO attr	0.99	0.93	0.98	0.93	0.96	0.94	0.75

Avg Attn	0.96
Attn Level	3

Avg Attn	0.75
Attn Level	2



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											2.4		
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	0	0	0	0	0	2.00	2.00	0	2.00	3.00	0	2.00	
Overall (direct) CO attainment level	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
Attainment of PO for this course	0.00	0.00	0.00	0.00	0.00	1.60	1.60	0.00	1.60	2.40	0.00	1.60	0.73

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.00	1	1	
Overall (direct) CO attainment level	2.4	2.4	2.4	
Attainment of PSO for this course	0.80	0.80	0.80	0.80

Mapping of CO with PO and PSO of Extra Curricular Activities (Paper code: XC181)												
Enter correlation levels 1, 2 or 3 as defined below :												
1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)												

Table 1	TABLE1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	1	2	1	2	-	3	2	-	3	3	2	2
	CO2	2	2	1	1	1	3	2	1	3	3	2	2
	CO3	3	3	3	2	3	3	2	1	3	3	2	2
	CO4	2	2	2	2	3	3	2	-	3	3	2	2
	CO5	3	2	2	2	3	3	2	1	3	3	2	1.75
	CO6	2	1	2	3	2	3	2	-	3	3	3	2
	AVERAGE	2.17	2.00	1.83	2.00	2.40	3.00	2.00	1.00	3.00	3.00	2.17	1.96
Average = Sum/ Number of entries													

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	2	3	1
	CO2	1	2	1
	CO3	3	3	1
	CO4	1	3	1
	CO5	3	2	1
	CO6	2	3	1
	AVERAGE	2.00	2.67	1.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
SL No	Class Roll	Univ Roll	Name	Target Level	Internal Continuous Assessment						Univ. Exam	Course Outcome Attainment with target in %							
					Continuous Assessment-1 (30)			Continuous Assessment-2 (30)				External Assessment (40)	CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ
					CO1	CO2	CO3	CO4	CO5	CO6									
					10	10	10	10	10	10									
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	9	8	9	8	9	9	35	1	1	1	1	1	1	1	
2	IT2017/121	11700217008	SUVAM PATRA	80%	8	8	7	8	8	7	34	1	1	0	1	1	0	1	
3	IT2017/089	11700217009	SUSNATA DAS	80%	10	10	9	9	10	10	35	1	1	1	1	1	1	1	
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	10	9	10	8	10	10	37	1	1	1	1	1	1	1	
5	IT2017/054	11700217012	SUPRATIM DAS	80%	10	9	10	10	10	10	38	1	1	1	1	1	1	1	
6	IT2017/053	11700217013	SUMEDHA SEN	80%	10	9	10	10	10	9	38	1	1	1	1	1	1	1	
7	IT2017/039	11700217014	SUMAN KAYAL	80%	10	9	10	8	10	10	39	1	1	1	1	1	1	1	
8	IT2017/067	11700217015	SUKANYA SAHA	80%	9	8	9	8	9	9	34	1	1	1	1	1	1	1	
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	10	9	10	9	10	10	35	1	1	1	1	1	1	1	
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	10	8	9	8	9	9	38	1	1	1	1	1	1	1	
11	IT2017/052	11700217018	SUBHANGEE	80%	10	9	10	9	10	10	39	1	1	1	1	1	1	1	
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	10	9	10	8	10	10	39	1	1	1	1	1	1	1	
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	9	9	9	9	9	9	35	1	1	1	1	1	1	1	
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	9	9	8	9	9	7	38	1	1	1	1	1	0	1	
15	IT2017/094	11700217022	SRIJANI ROY	80%	10	9	10	8	10	10	38	1	1	1	1	1	1	1	



16	IT2017/120	11700217023	SREYASHI KARMAKAR
17	IT2017/012	11700217024	SOURAV SHAW
18	IT2017/075	11700217025	SOURAV SARKAR
19	IT2017/064	11700217026	SOURAV SAMANTA
20	IT2017/069	11700217027	SOURAV JAISWAL
21	IT2017/008	11700217029	SOUFYADEEP MUKHERJEE
22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR

8	8	8	9	8	8	31	1	1	1	1	1	1	0
10	9	10	10	10	10	37	1	1	1	1	1	1	1
9	8	9	8	9	9	39	1	1	1	1	1	1	1
10	9	10	10	10	9	38	1	1	1	1	1	1	1
9	9	9	9	9	9	39	1	1	1	1	1	1	1
10	9	10	8	10	10	35	1	1	1	1	1	1	1
10	9	10	10	10	10	38	1	1	1	1	1	1	1
8	8	8	8	8	8	31	1	1	1	1	1	1	0
10	9	10	10	10	10	36	1	1	1	1	1	1	1
10	9	10	8	10	10	38	1	1	1	1	1	1	1
10	9	10	10	10	10	39	1	1	1	1	1	1	1
9	10	9	9	9	10	34	1	1	1	1	1	1	1
10	9	10	10	10	10	38	1	1	1	1	1	1	1
10	9	10	10	10	9	35	1	1	1	1	1	1	1
10	9	10	8	10	10	39	1	1	1	1	1	1	1
10	9	10	10	10	9	38	1	1	1	1	1	1	1
10	9	10	10	10	9	35	1	1	1	1	1	1	1
10	9	10	10	10	9	34	1	1	1	1	1	1	1
9	9	9	9	9	9	33	1	1	1	1	1	1	1
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10	9	10	8	10	10	35	1	1	1	1	1	1	1
9	9	9	9	9	9	39	1	1	1	1	1	1	1
9	9	9	9	9	9	38	1	1	1	1	1	1	1



91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

9	9	9	9	9	9	39	1	1	1	1	1	1	1
9	10	9	9	9	10	37	1	1	1	1	1	1	1
10	9	10	10	10	9	36	1	1	1	1	1	1	1
9	9	9	9	9	9	39	1	1	1	1	1	1	1
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9	9	9	9	9	9	33	1	1	1	1	1	1	1
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10	10	9	10	10	10	38	1	1	1	1	1	1	1
10	9	10	8	10	10	39	1	1	1	1	1	1	1
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10	9	10	10	10	9	38	1	1	1	1	1	1	1
10	9	10	10	10	9	39	1	1	1	1	1	1	1
10	9	10	10	10	10	37	1	1	1	1	1	1	1
10	9	10	10	10	9	38	1	1	1	1	1	1	1

1	120	120	119	120	120	118	118
0	0	0	1	0	0	2	0
CO attn	1.00	1.00	0.99	1.00	1.00	0.98	0.98

Avg Attn	1.00
Attn Lvl	3

Avg Attn	1.00
Attn Lvl	3

Overall Course Outcome Attainment													
Overall CO attainment level = 60% of CO attainment level in internal assessment + 40% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												3	
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.17	2.00	1.83	2.00	2.40	3.00	2.00	1.00	3.00	3.00	2.17	1.96	
Overall (Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	2.17	2.00	1.83	2.00	2.40	3.00	2.00	1.00	3.00	3.00	2.17	1.96	2.21

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.00	2.67	1.00	
Overall (Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	2.00	2.67	1.00	1.89



Attainment Details of Semester II



Mapping of CO with PO and PSO of Basic Computation & Principles of computer Programming (Paper code: CS-201)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	1	1	1	-	2	-	2	3	-	1	1
CO2	3	1	1	1	3	-	-	2	3	-	2	-
CO3	3	2	3	1	-	-	-	2	3	3	1	-
CO4	3	2	3	2	-	2	-	3	3	-	1	2
CO5	3	1	1	1	-	-	-	2	3	-	2	-
CO6	3	2	3	3	1	2	2	3	3	-	2	2
AVERAGE	3.00	1.50	2.00	1.50	2.00	2.00	2.00	2.33	3.00	3.00	1.50	1.67

Average =sum/ number of entry

TABLE 2	PSO1	PSO2	PSO3
CO1	3	3	3
CO2	3	2	2
CO3	3	2	2
CO4	3	2	2
CO5	3	2	2
CO6	3	2	2
AVERAGE	3.00	2.17	2.17

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
SI No	Class Roll	Univ Roll	Name	Course Outcomes	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						
					CA1/CA2/CA3/CA4							CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
				Marks Distribution	10	15	25	15	10	25	100	CO1	CO2	CO3	CO4	CO5	CO6	
				Target Level	70%						50%	70%						
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		8	13	21	12	8	20	65	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		7	13	24	12	8	23	65	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		3	5	0	9	7	10	25	0	0	0	0	1	0	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	12	25	13	9	24	75	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		8	13	24	13	9	22	75	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		9	13	25	13	10	22	75	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		9	14	24	15	8	20	75	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		10	13	22	11	7	23	65	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		10	12	24	12	10	24	75	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		10	13	25	14	9	24	75	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		9	11	22	13	7	23	65	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		9	14	25	12	8	22	75	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		6	13	21	10	8	20	55	0	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		10	13	23	14	9	23	75	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		9	14	23	13	10	24	65	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		10	13	24	15	9	23	55	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		5	13	20	13	8	21	75	0	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		10	15	25	15	9	23	75	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		9	13	23	14	8	23	65	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	12	25	13	10	24	85	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOURAV DEEP MUKHERJEE		8	14	22	7	9	20	45	1	1	1	0	1	1	0
22	IT2017/063	11700217030	SONALI		10	14	23	14	10	24	55	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		5	10	15	0	0	18	25	0	0	0	0	0	1	0
24	IT2017/045	11700217032	SOHAM ROY		8	5	0	7	8	11	25	1	0	0	0	1	0	0
25	IT2017/079	11700217033	SOHAM BANERJEE		9	15	25	13	8	24	65	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		8	13	18	11	9	20	45	1	1	0	1	1	1	0
27	IT2017/083	11700217035	SK ISHAN ALI		9	8	21	12	8	22	55	1	0	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW		8	11	21	14	8	20	55	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		9	14	23	13	10	20	45	1	1	1	1	1	1	0
30	IT2017/056	11700217038	SIDHU KUMAR		8	13	20	13	8	21	55	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		3	13	25	13	8	24	75	0	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		8	8	20	12	7	21	45	1	0	1	1	1	1	0
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		8	9	10	9	8	11	25	1	0	0	0	1	0	0
34	IT2017/099	11700217042	SHIVAM		9	13	18	12	9	20	55	1	1	0	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		9	11	22	13	10	24	65	1	1	1	1	1	1	1



36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
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73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMEVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA

8	13	20	13	8	15	65	1	1	1	1	1	0	1
5	13	14	13	8	20	55	0	1	0	1	1	1	1
8	11	20	13	8	21	45	1	1	1	1	1	1	0
9	8	22	12	8	15	55	1	0	1	1	1	0	1
8	5	12	14	8	10	45	1	0	0	1	1	0	0
9	14	23	13	10	24	65	1	1	1	1	1	1	1
9	13	22	13	9	22	45	1	1	1	1	1	1	0
8	13	14	13	8	20	55	1	1	0	1	1	1	1
8	8	20	12	7	13	65	1	0	1	1	1	0	1
8	9	20	19	8	22	75	1	0	1	1	1	1	1
8	6	15	7	9	0	25	1	0	0	0	1	0	0
10	13	24	14	9	23	85	1	1	1	1	1	1	1
10	12	21	12	10	24	85	1	1	1	1	1	1	1
10	13	23	14	9	24	85	1	1	1	1	1	1	1
9	14	23	13	10	23	65	1	1	1	1	1	1	1
6	14	20	12	8	20	75	0	1	1	1	1	1	1
7	13	25	12	5	20	45	1	1	1	1	0	1	0
10	13	24	14	9	23	75	1	1	1	1	1	1	1
9	14	23	13	10	24	45	1	1	1	1	1	1	0
10	13	24	15	9	23	65	1	1	1	1	1	1	1
8	5	9	10	8	11	65	1	0	0	1	1	0	1
8	5	10	13	5	20	45	1	0	0	1	0	1	0
9	12	21	12	9	22	85	1	1	1	1	1	1	1
8	13	14	13	8	20	85	1	1	0	1	1	1	1
8	6	20	6	5	15	45	1	0	1	0	0	0	0
8	9	20	19	8	22	75	1	0	1	1	1	1	1
8	13	23	14	6	23	45	1	1	1	1	0	1	0
10	13	24	14	5	23	45	1	1	1	1	0	1	0
9	12	21	12	10	24	65	1	1	1	1	1	1	1
9	14	23	13	6	23	45	1	1	1	1	0	1	0
6	14	20	12	8	20	55	0	1	1	1	1	1	1
7	13	25	12	8	20	75	1	1	1	1	1	1	1
10	13	24	14	9	23	55	1	1	1	1	1	1	1
9	11	20	12	9	20	45	1	1	1	1	1	1	0
9	12	22	13	9	23	65	1	1	1	1	1	1	1
9	11	20	9	9	21	45	1	1	1	0	1	1	0
8	13	22	13	10	22	55	1	1	1	1	1	1	1
9	14	23	13	10	23	65	1	1	1	1	1	1	1
8	9	20	19	8	22	55	1	0	1	1	1	1	1
8	13	23	14	9	23	75	1	1	1	1	1	1	1
10	13	24	14	9	23	45	1	1	1	1	1	1	0
10	12	21	12	10	24	55	1	1	1	1	1	1	1
10	13	23	14	9	24	85	1	1	1	1	1	1	1
9	8	8	13	0	14	45	1	0	0	1	0	0	0
0	13	8	12	5	11	55	0	1	0	1	0	0	1
5	13	13	13	0	16	55	0	1	0	1	0	0	1
5	12	20	11	9	20	55	0	1	1	1	1	1	1
8	13	12	12	5	17	65	1	1	0	1	0	1	1
9	11	22	13	9	23	85	1	1	1	1	1	1	1
10	13	20	13	8	21	65	1	1	1	1	1	1	1
9	11	20	13	7	22	65	1	1	1	1	1	1	1
7	13	20	12	9	20	55	1	1	1	1	1	1	1
9	11	22	14	8	23	65	1	1	1	1	1	1	1
10	12	23	8	7	22	45	1	1	1	0	1	1	0
10	12	22	7	8	22	45	1	1	1	0	1	1	0
9	12	23	9	7	20	45	1	1	1	0	1	1	0
9	14	23	5	8	23	25	1	1	1	0	1	1	0
9	14	23	13	10	24	55	1	1	1	1	1	1	1
10	13	24	15	9	23	55	1	1	1	1	1	1	1
8	5	9	10	8	11	65	1	0	0	1	1	0	1
10	15	25	15	9	25	85	1	1	1	1	1	1	1
8	15	25	14	9	24	65	1	1	1	1	1	1	1
7	10	18	11	6	14	55	1	0	0	1	0	0	1
6	11	18	10	7	18	65	0	1	0	1	1	1	1
6	11	14	9	7	18	55	0	1	0	0	1	1	1
9	13	25	7	8	25	45	1	1	1	0	1	1	0
7	11	18	9	5	20	55	1	1	0	0	0	1	1
7	10	18	10	6	13	45	1	0	0	1	0	0	0
7	10	18	11	6	14	65	1	0	0	1	0	0	1
6	11	18	10	7	18	55	0	1	0	1	1	1	1
5	10	0	8	5	12	65	0	0	0	0	0	0	1
7	12	18	10	8	20	65	1	1	0	1	1	1	1



108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

9	13	20	10	7	18	45	1	1	1	1	1	1	0
8	13	18	11	8	20	45	1	1	0	1	1	1	0
8	11	18	11	8	18	45	1	1	0	1	1	1	0
7	10	18	11	6	14	55	1	0	0	1	0	0	1
6	11	18	10	7	18	45	0	1	0	1	1	1	0
6	11	14	9	7	18	55	0	1	0	0	1	1	1
8	15	25	14	9	24	75	1	1	1	1	1	1	1
7	10	18	11	6	14	45	1	0	0	1	0	0	0
6	11	18	10	7	18	45	0	1	0	1	1	1	0
6	11	14	9	7	18	55	0	1	0	0	1	1	1
9	13	25	13	8	25	65	1	1	1	1	1	1	1
7	11	18	9	5	20	65	1	1	0	0	0	1	1
7	10	18	10	6	13	55	1	0	0	1	0	0	1

1	101	95	83	101	100	92	85
0	19	25	37	19	20	20	35
CO attn	0.84	0.79	0.69	0.84	0.83	0.82	0.71

Avg Attn	0.804
Attn Level	3

Avg Attn	0.71
Attn Level	2

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level													
2.5													
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	1.50	2.00	1.50	2.00	2.00	2.00	2.33	3.00	3.00	1.50	1.67	
Overall(Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Attainment of PO for this course	2.50	1.25	1.67	1.25	1.67	1.67	1.67	1.94	2.50	2.50	1.25	1.39	1.77

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.17	2.17	
Overall(Direct) CO attainment level	2.5	2.50	2.50	
Attainment of PSO for this course	2.5	1.81	1.81	2.04

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's										Univ. Exam	CO Attainment in Univ Exam			
					CA1/CA2/CA3/CA4						Course Outcome Attainment with target in %								
					CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4			CO5	CO6	
					10	15	25	15	10	25	100	CO1	CO2	CO3			CO4	CO5	CO6
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	70%	10	15	22	13	9	22	95	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	70%	10	15	22	10	9	22	85	1	1	1	0	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	70%	10	15	19	11	10	22	75	1	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY	70%	10	15	20	15	10	19	85	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	70%	10	15	24	13	10	24	85	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	70%	10	15	22	10	9	21	85	1	1	1	1	0	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	70%	10	15	21	12	10	22	85	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	70%	10	15	22	10	10	22	95	1	1	1	0	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	70%	10	15	21	9	10	22	95	1	1	1	0	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	70%	10	15	22	11	10	22	85	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	70%	10	15	21	12	10	22	95	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	70%	10	15	21	10	9	22	95	1	1	1	0	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	70%	10	15	21	10	9	22	85	1	1	1	0	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	70%	10	15	22	10	7	22	85	1	1	1	0	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	70%	10	15	21	9	10	22	85	1	1	1	0	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	70%	10	15	22	8	10	21	85	1	1	1	0	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	70%	10	15	22	10	10	21	85	1	1	1	0	1	1	1	1



18	IT2017/075	11700217025	SOURAV SARKAR
19	IT2017/064	11700217026	SOURAV SAMANTA
20	IT2017/069	11700217027	SOURAV JAISWAL
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE
22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	LARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR

10	15	22	8	10	22	95	1	1	1	0	1	1	1
10	15	22	10	10	22	85	1	1	1	0	1	1	1
10	15	22	10	10	21	95	1	1	1	0	1	1	1
10	15	23	12	10	23	85	1	1	1	1	1	1	1
10	15	22	11	10	22	85	1	1	1	1	1	1	1
10	15	22	10	8	23	25	1	1	1	0	1	1	0
10	15	23	11	10	23	25	1	1	1	1	1	1	0
10	15	21	10	10	22	85	1	1	1	0	1	1	1
10	15	22	10	10	22	85	1	1	1	0	1	1	1
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10	15	21	10	8	22	95	1	1	1	0	1	1	1
10	15	21	10	9	22	85	1	1	1	0	1	1	1
10	15	21	10	9	23	85	1	1	1	0	1	1	1
10	15	22	8	10	23	95	1	1	1	0	1	1	1
10	15	22	10	10	22	75	1	1	1	0	1	1	1
10	15	22	9	10	23	95	1	1	1	0	1	1	1
10	15	22	11	10	22	85	1	1	1	1	1	1	1
10	15	20	7	7	16	85	1	1	1	0	1	0	1
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10	15	21	10	8	22	85	1	1	1	0	1	1	1
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10	15	22	10	8	22	95	1	1	1	0	1	1	1
10	15	24	12	10	24	75	1	1	1	1	1	1	1
10	15	22	11	10	22	85	1	1	1	1	1	1	1
10	15	23	12	10	24	85	1	1	1	1	1	1	1
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10	15	22	10	10	21	75	1	1	1	0	1	1	1
10	15	21	10	9	23	85	1	1	1	0	1	1	1
10	15	22	10	8	23	85	1	1	1	0	1	1	1
10	15	24	12	10	24	85	1	1	1	1	1	1	1
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10	15	22	10	9	21	85	1	1	1	0	1	1	1
10	15	21	10	9	22	75	1	1	1	0	1	1	1
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10	15	22	14	10	22	95	1	1	1	1	1	1	1
10	15	16	8	8	17	85	1	1	0	0	1	0	1
10	15	22	10	9	22	85	1	1	1	0	1	1	1
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10	15	22	10	8	23	95	1	1	1	0	1	1	1
10	15	21	10	9	22	85	1	1	1	0	1	1	1
10	15	23	10	10	24	85	1	1	1	0	1	1	1
10	15	21	13	10	22	75	1	1	1	1	1	1	1
10	15	25	14	10	25	75	1	1	1	1	1	1	1
10	15	23	14	10	24	85	1	1	1	1	1	1	1
10	15	21	10	8	22	75	1	1	1	0	1	1	1
10	15	21	10	9	22	85	1	1	1	0	1	1	1
10	15	22	10	10	23	85	1	1	1	0	1	1	1
10	15	25	13	10	25	85	1	1	1	1	1	1	1
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10	15	22	10	9	21	85	1	1	1	0	1	1	1
10	15	22	10	10	22	85	1	1	1	0	1	1	1
10	15	22	10	9	21	85	1	1	1	0	1	1	1
10	15	22	10	10	21	85	1	1	1	0	1	1	1
10	15	22	10	10	23	75	1	1	1	0	1	1	1
10	15	21	10	9	22	75	1	1	1	0	1	1	1



91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRILJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

10	15	22	11	10	23	75	1	1	1	1	1	1	1
10	15	21	10	9	22	75	1	1	1	0	1	1	1
10	15	22	10	8	22	95	1	1	1	0	1	1	1
10	15	21	10	8	22	85	1	1	1	0	1	1	1
10	15	21	10	7	22	85	1	1	1	0	1	1	1
10	15	22	10	8	23	95	1	1	1	0	1	1	1
10	15	22	10	8	23	95	1	1	1	0	1	1	1
10	15	22	12	10	21	85	1	1	1	1	1	1	1
10	15	21	12	10	22	95	1	1	1	1	1	1	1
10	15	22	10	10	21	95	1	1	1	0	1	1	1
10	15	22	11	10	22	85	1	1	1	1	1	1	1
10	15	23	11	10	23	95	1	1	1	1	1	1	1
10	15	22	13	10	22	85	1	1	1	1	1	1	1
10	15	23	10	10	22	85	1	1	1	0	1	1	1
10	15	21	10	7	22	85	1	1	1	0	1	1	1
10	15	22	10	9	23	85	1	1	1	0	1	1	1
10	15	22	14	10	22	95	1	1	1	1	1	1	1
10	15	21	10	9	23	75	1	1	1	0	1	1	1
10	15	23	12	10	23	85	1	1	1	1	1	1	1
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10	15	21	10	8	22	85	1	1	1	0	1	1	1
10	15	22	10	7	23	95	1	1	1	0	1	1	1
10	15	21	10	9	23	95	1	1	1	0	1	1	1
10	15	21	10	10	22	85	1	1	1	0	1	1	1
10	15	21	9	12	20	95	1	1	1	0	1	1	1
10	15	20	9	11	21	85	1	1	1	0	1	1	1
10	15	22	8	14	20	85	1	1	1	0	1	1	1
10	15	21	10	10	24	95	1	1	1	0	1	1	1
10	15	22	10	8	22	75	1	1	1	0	1	1	1

1	98	98	95	31	98	95	96
0	0	0	3	67	0	3	2
CO attn	1.00	1.00	0.97	0.32	1.00	0.97	0.98

Avg Attn	0.88
Attn Lvl	3

Avg Attn	0.98
Attn Lvl	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												3	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	1.67	1.00	1.00	0	0	0	0	0	0	0	0	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	1.67	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.00	0	0	
Overall(Direct) CO attainment level	3	3.00	3.00	
Attainment of PSO for this course	1.00	0.00	0.00	0.33



Mapping of CO with PO and PSO of Mathematics-2 (Paper code: M-201)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	3	2	0	0	0	0	0	0	0	0	0
	CO2	2	2	3	1	0	0	0	0	0	0	0	0
	CO3	3	3	2	1	0	0	0	0	0	0	0	0
	CO4	3	2	3	1	0	0	0	0	0	0	0	0
	CO5	3	3	3	1	0	0	0	0	0	0	0	0
	CO6	3	2	3	1	0	0	0	0	0	0	0	0
	AVERAGE	2.83	2.50	2.67	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	2	2	-
	CO2	2	2	-
	CO3	2	2	-
	CO4	2	2	-
	CO5	2	2	-
	CO6	2	2	-
	AVERAGE	2.00	2.00	0

Attainment Level 1: 60% of students score more than target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam				
					CAL/CA2/CA3/CA4							70%	50%	70%	CO							
					CO1	CO2	CO3	CO4	CO5	CO6						CO1	CO2		CO3	CO4	CO5	CO6
					10	15	25	15	10	25						100	CO1		CO2	CO3	CO4	CO5
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	70%	8	13	21	10	10	23	55	1	1	1	0	1	1	1	1			
2	IT2017/121	11700217008	SUVAM PATRA	70%	8	11	22	11	8	21	65	1	1	1	0	1	1	1	1			
3	IT2017/089	11700217009	SUSNATA DAS	70%	9	12	10	12	9	10	35	1	1	0	1	1	0	0	0			
4	IT2017/015	11700217010	SURYAPRATIM RAY	70%	9	14	22	10	9	23	45	1	1	1	0	1	1	0	0			
5	IT2017/054	11700217012	SUPRATIM DAS	70%	7	13	10	10	7	10	35	1	1	0	0	1	0	0	0			
6	IT2017/053	11700217013	SUMEDHA SEN	70%	9	13	22	12	10	22	55	1	1	1	1	1	1	1	1			
7	IT2017/039	11700217014	SUMAN KAYAL	70%	8	12	21	12	8	22	65	1	1	1	1	1	1	1	1			
8	IT2017/067	11700217015	SUKANYA SAHA	70%	9	12	22	10	7	24	55	1	1	1	0	1	1	1	1			
9	IT2017/081	11700217016	SUBHASHRI DAS	70%	8	11	23	10	9	24	55	1	1	1	0	1	1	1	1			
10	IT2017/117	11700217017	SUBHANKAR NATH	70%	9	12	20	10	9	23	50	1	1	1	0	1	1	1	1			
11	IT2017/052	11700217018	SUBHANGEE	70%	9	12	10	14	8	23	45	1	1	0	1	1	1	0	0			
12	IT2017/021	11700217019	SUBARNA SARKAR	70%	8	13	16	10	7	24	75	1	1	0	0	1	1	1	1			
13	IT2017/038	11700217020	SRIPARNA GIRI	70%	10	12	20	10	9	24	65	1	1	1	0	1	1	1	1			
14	IT2017/011	11700217021	SRIJAYEE SAHA	70%	10	10	21	10	9	24	55	1	0	1	0	1	1	1	1			
15	IT2017/094	11700217022	SRIJANI ROY	70%	7	12	10	10	10	23	50	1	1	0	0	1	1	1	1			
16	IT2017/120	11700217023	SREYASHI KARMAKAR	70%	9	14	22	10	8	22	65	1	1	1	0	1	1	1	1			
17	IT2017/012	11700217024	SOURAV SHAW	70%	9	13	23	10	10	22	65	1	1	1	0	1	1	1	1			
18	IT2017/075	11700217025	SOURAV SARKAR	70%	8	13	10	13	9	24	85	1	1	0	1	1	1	1	1			
19	IT2017/064	11700217026	SOURAV SAMANTA	70%	8	11	22	12	8	24	85	1	1	1	1	1	1	1	1			
20	IT2017/069	11700217027	SOURAV JAISWAL	70%	9	12	23	12	7	22	85	1	1	1	1	1	1	1	1			
21	IT2017/008	11700217029	SOUFYADEEP MUKHERJEE	70%	9	11	10	12	8	23	45	1	1	0	1	1	1	0	0			
22	IT2017/063	11700217030	SONALI	70%	8	12	10	11	8	21	45	1	1	0	0	1	1	0	0			
23	IT2017/109	11700217031	SOMENATH RANA	70%	8	14	10	10	9	10	25	1	1	0	0	1	0	0	0			
24	IT2017/045	11700217032	SOHAM ROY	70%	9	13	10	12	9	10	25	1	1	0	1	1	0	0	0			
25	IT2017/079	11700217033	SOHAM BANERJEE	70%	8	13	10	10	7	23	75	1	1	0	0	1	1	1	1			
26	IT2017/044	11700217034	SNEHA DEEP	70%	9	12	20	13	10	22	65	1	1	1	1	1	1	1	1			
27	IT2017/083	11700217035	SK ISHAN ALI	70%	9	12	10	13	8	10	35	1	1	0	1	1	0	0	0			
28	IT2017/031	11700217036	SIMRAN SHAW	70%	7	11	23	12	7	22	55	1	1	1	1	1	1	1	1			
29	IT2017/023	11700217037	SIMANTINI GHOSH	70%	10	12	10	14	9	22	45	1	1	0	1	1	1	0	0			
30	IT2017/056	11700217038	SIDHU KUMAR	70%	8	12	16	14	9	20	55	1	1	0	1	1	1	1	1			
31	IT2017/050	11700217039	SHREYA SENGUPTA	70%	8	13	22	13	10	23	55	1	1	1	1	1	1	1	1			
32	IT2017/035	11700217040	SHIVANI KUMARI	70%	8	12	10	12	9	21	55	1	1	0	1	1	1	1	1			
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	70%	9	10	23	10	9	22	55	1	0	1	0	1	1	1	1			
34	IT2017/099	11700217042	SHIVAM	70%	9	12	16	10	10	23	65	1	1	0	0	1	1	1	1			
35	IT2017/097	11700217043	SHEIKH TABISH	70%	7	14	10	13	8	22	55	1	1	0	1	1	1	1	1			



36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS

9	13	10	10	9	22	45	1	1	0	0	1	1	0
8	13	16	13	9	24	65	1	1	0	1	1	1	1
9	11	10	10	7	24	45	1	1	0	0	1	1	0
8	12	22	10	10	23	75	1	1	1	0	1	1	1
9	14	10	13	8	23	55	1	1	0	1	1	1	1
9	12	22	10	7	24	55	1	1	1	0	1	1	1
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7	12	24	12	10	22	55	1	1	1	1	1	1	1
9	14	10	12	8	11	35	1	1	0	1	1	0	0
9	13	15	11	7	24	65	1	1	0	0	1	1	1
8	13	10	10	9	24	45	1	1	0	0	1	1	0
8	11	23	12	9	22	65	1	1	1	1	1	1	1
9	12	10	14	8	23	65	1	1	0	1	1	1	1
9	11	22	13	7	21	55	1	1	1	1	1	1	1
8	14	10	12	7	23	45	1	1	0	1	1	1	0
9	13	22	14	8	23	55	1	1	1	1	1	1	1
8	13	23	14	8	22	45	1	1	1	1	1	1	0
9	12	24	13	9	24	45	1	1	1	1	1	1	0
9	12	24	12	9	22	65	1	1	1	1	1	1	1
7	11	23	13	7	21	55	1	1	1	1	1	1	1
10	12	22	13	10	23	65	1	1	1	1	1	1	1
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10	13	23	13	9	24	45	1	1	1	1	1	1	0
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8	12	21	12	8	22	65	1	1	1	1	1	1	1
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8	12	22	12	8	15	45	1	1	1	1	1	0	0
9	10	10	11	8	10	35	1	0	0	0	1	0	0
9	12	10	10	9	10	35	1	1	0	0	1	0	0
7	14	22	12	9	22	55	1	1	1	1	1	1	1
10	13	10	14	7	23	35	1	1	0	1	1	1	0
8	13	10	13	10	15	45	1	1	0	1	1	0	0
8	12	22	13	8	15	55	1	1	1	1	1	0	1
8	12	23	12	7	24	45	1	1	1	1	1	1	0
9	10	24	14	9	15	65	1	0	1	1	1	0	1
7	10	23	13	10	15	65	1	0	1	1	1	0	1
9	13	22	12	8	15	45	1	1	1	1	1	0	0
8	13	22	13	9	15	55	1	1	1	1	1	0	1
9	10	23	13	8	15	45	1	0	1	1	1	0	0
8	12	21	13	7	22	65	1	1	1	1	1	1	1
9	12	10	12	9	10	35	1	1	0	1	1	0	0
8	10	23	13	9	24	45	1	0	1	1	1	1	0
9	11	24	12	8	21	55	1	1	1	1	1	1	1
9	10	10	13	8	10	35	1	0	0	1	1	0	0
7	10	23	13	9	24	45	1	0	1	1	1	1	0
7	10	24	12	7	23	65	1	0	1	1	1	1	1
7	12	24	12	10	22	75	1	1	1	1	1	1	1
7	10	23	12	8	22	75	1	0	1	1	1	1	1
7	10	22	11	7	24	55	1	0	1	0	1	1	1
7	10	22	10	9	24	45	1	0	1	0	1	1	0
7	10	20	12	9	22	75	1	0	1	1	1	1	1
7	12	23	14	8	23	55	1	1	1	1	1	1	1
7	9	16	13	7	21	45	1	0	0	1	1	1	0
8	9	23	12	7	23	55	1	0	1	1	1	1	1
9	9	10	10	8	10	35	1	0	0	0	1	0	0
8	9	23	10	8	22	65	1	0	1	0	1	1	1
9	9	24	10	9	24	55	1	0	1	0	1	1	1
9	9	15	10	9	22	50	1	0	0	0	1	1	1
7	11	18	10	7	21	65	1	1	1	0	1	1	1
10	12	15	10	10	23	45	1	1	0	0	1	1	0
7	12	23	10	7	22	45	1	1	1	0	1	1	0
10	12	23	14	9	22	45	1	1	1	1	1	1	0
8	8	23	10	9	20	45	1	0	1	0	1	1	0
8	13	10	13	10	23	45	1	1	0	1	1	1	0
8	10	10	12	9	21	65	1	0	0	1	1	1	1
9	10	10	10	9	22	55	1	0	0	0	1	1	1



115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

9	12	10	13	10	23	45	1	1	0	1	1	1	0
7	10	10	12	10	22	45	1	0	0	1	1	1	0
9	14	23	10	8	22	65	1	1	1	0	1	1	1
9	13	22	11	7	24	65	1	1	1	0	1	1	1
8	13	22	10	9	24	55	1	1	1	0	1	1	1
7	12	24	10	10	22	55	1	1	1	0	1	1	1

1	120	91	76	79	120	97	72
0	0	29	44	41	0	23	48
CO attn	1.00	0.76	0.63	0.66	1.00	0.81	0.60

Avg Attn	0.81
Attn Level	3

Avg Attn	0.60
Attn Level	1

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											2		
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.83	2.50	2.67	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Overall (Direct) CO attainment level	2	2	2	2	2	2	2	2	2	2	2	2	
Attainment of PO for this course	1.89	1.67	1.78	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.00	2.00	0	
Overall (Direct) CO attainment level	2	2	2	
Attainment of PSO for this course	1.33	1.33	0.00	0.89

Mapping of CO with PO and PSO of Basic Electrical & Electronic Engineering- II (Paper code: ES-201)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	3	3	-	2	1	-	-	2	1	-	2
	CO2	3	3	3	-	2	1	-	-	2	1	-	1
	CO3	3	3	3	-	1	1	-	-	2	-	-	2
	CO4	3	3	3	-	3	2	-	-	2	1	-	2
	CO5	3	3	3	-	3	2	-	-	2	-	-	1
	CO6	3	3	3	-	3	2	-	-	2	1	-	1
	AVERAGE	3.00	3.00	3.00	0	2.33	1.50	0	0	2.00	1.00	0	1.50

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	1	1
	CO2	2	2	1
	CO3	3	2	-
	CO4	3	3	1
	CO5	2	3	-
	CO6	3	2	1
	AVERAGE	2.67	2.17	1.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Course Outcomes	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						
					CA1/CA2/CA3/CA4							CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					Marks Distribution	10	15	25	15	10								
Target Level	70%						50%	70%										
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		8	13	15	9	8	20	55	1	1	0	0	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		7	13	20	11	8	20	75	1	1	1	0	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		8	11	10	13	7	20	45	1	1	0	1	0	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	12	23	9	9	24	55	1	1	1	0	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		10	11	22	9	9	21	55	1	1	1	0	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		8	13	21	9	9	22	75	1	1	1	0	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		7	13	10	9	7	22	50	1	1	0	0	0	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		9	14	23	15	8	20	75	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		10	13	24	14	9	23	75	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		10	12	21	12	10	24	65	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		10	13	23	14	9	24	55	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		9	14	23	13	10	23	85	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		6	14	20	12	8	20	55	0	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		7	13	25	9	8	20	75	1	1	1	0	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		10	13	10	9	9	23	55	1	1	0	0	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	14	10	9	10	24	55	1	1	0	0	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		10	13	24	9	9	23	65	1	1	1	0	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		5	13	20	9	8	21	65	0	1	1	0	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		8	5	10	10	9	8	65	1	0	0	0	1	0	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	13	22	14	8	23	65	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUAMYADEEP MUKHERJEE		9	12	20	9	7	21	35	1	1	1	0	0	1	0
22	IT2017/063	11700217030	SONALI		9	15	23	9	9	24	65	1	1	1	0	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		3	14	9	13	9	20	25	0	1	0	1	1	1	0
24	IT2017/045	11700217032	SOHAM ROY		10	14	9	9	10	24	25	1	1	0	0	1	1	0
25	IT2017/079	11700217033	SOHAM BANERJEE		7	10	15	8	8	18	45	1	0	0	0	1	0	0
26	IT2017/044	11700217034	SNEHA DEEP		10	13	23	9	8	23	65	1	1	1	0	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		9	15	21	9	8	24	55	1	1	1	0	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW		8	13	22	14	9	22	65	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		9	8	22	12	8	15	55	1	0	1	1	1	0	1
30	IT2017/056	11700217038	SIDHU KUMAR		5	5	12	9	8	10	45	0	0	0	0	1	0	0
31	IT2017/050	11700217039	SHREYA SENGUPTA		9	14	23	13	10	24	65	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		8	13	20	13	8	15	50	1	1	1	1	1	0	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		3	13	14	9	8	20	55	0	1	0	0	1	1	1
34	IT2017/099	11700217042	SHIVAM		8	8	20	12	7	13	55	1	0	1	1	0	0	1
35	IT2017/097	11700217043	SHEIKH TABISH		8	9	20	19	8	22	65	1	0	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR		9	13	22	9	9	20	55	1	1	1	0	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		9	14	23	13	10	24	55	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		8	13	20	13	8	15	55	1	1	1	1	1	0	1
39	IT2017/032	11700217047	SALINE SHAW		5	13	14	9	8	20	45	0	1	0	0	1	1	0
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		8	11	20	13	8	21	55	1	1	1	1	1	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA		9	8	22	12	8	15	55	1	0	1	1	1	0	1
42	IT2017/105	11700217050	SAHIL PRAKASH		8	5	12	9	8	10	45	1	0	0	0	1	0	0
43	IT2017/017	11700217051	ROHAN SHAH		9	14	23	13	10	24	65	1	1	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY		9	13	22	9	9	22	75	1	1	1	0	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE		8	13	14	13	8	20	75	1	1	0	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		8	8	20	12	7	13	45	1	0	1	1	0	0	0
47	IT2017/002	11700217055	RIYA KIRTANIA		8	9	20	9	8	22	75	1	0	1	0	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA		8	13	23	14	9	23	55	1	1	1	1	1	1	1
49	IT2017/022	11700217057	RIJA DEY		10	13	24	14	9	23	65	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		10	12	21	12	10	24	65	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL		10	13	23	14	9	24	45	1	1	1	1	1	1	0
52	IT2017/043	11700217060	RAVI KUMAR		6	14	20	9	8	20	45	0	1	1	0	1	1	0
53	IT2017/070	11700217061	RAUNAK GUPTA		7	13	25	9	8	20	45	1	1	1	0	1	1	0
54	IT2017/107	11700217062	RAKESH KUMAR		10	13	24	9	9	23	45	1	1	1	0	1	1	0
55	IT2017/016	11700217063	RAJAT BISWAS		9	14	23	13	10	24	55	1	1	1	1	1	1	1
56	IT2017/046	11700217064	PRIYANSHU JHA		10	13	24	15	9	23	65	1	1	1	1	1	1	1
57	IT2017/114	11700217065	PRIYA SINHA		8	5	9	10	8	11	55	1	0	0	0	1	0	1
58	IT2017/049	11700217066	PREETAM GHOSH		8	5	10	13	9	20	65	1	0	0	1	1	1	1
59	IT2017/118	11700217067	PRATYAY RUDRA		9	10	21	12	9	22	55	1	0	1	1	1	1	1
60	IT2017/048	11700217068	PRASHANT KUMAR		8	13	14	13	8	20	45	1	1	0	1	1	1	0
61	IT2017/113	11700217069	PRAPTY CHANDA		8	10	20	12	7	22	55	1	0	1	1	0	1	1
62	IT2017/112	11700217070	PRAGATI KUMARI		8	9	20	19	8	22	35	1	0	1	1	1	1	0
63	IT2017/071	11700217071	POULOMI SEN		8	13	23	14	9	23	65	1	1	1	1	1	1	1
64	IT2017/033	11700217072	PIYUSH KUMAR		10	9	24	14	9	23	45	1	0	1	1	1	1	0
65	IT2017/057	11700217074	NISHANT GAURAV		10	9	21	12	10	24	75	1	0	1	1	1	1	1



66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

10	13	23	14	9	24	65	1	1	1	1	1	1	1	1
9	14	23	13	10	23	65	1	1	1	1	1	1	1	1
7	13	25	12	8	20	55	1	1	1	1	1	1	1	1
10	9	24	14	9	23	55	1	0	1	1	1	1	1	1
9	11	20	12	9	20	45	1	1	1	1	1	1	1	0
9	9	22	13	9	23	45	1	0	1	1	1	1	1	0
9	11	20	12	9	21	45	1	1	1	1	1	1	1	0
8	9	22	13	10	22	75	1	0	1	1	1	1	1	1
9	9	23	13	10	23	45	1	0	1	1	1	1	1	0
8	9	20	19	8	22	45	1	0	1	1	1	1	1	0
8	13	23	14	9	23	35	1	1	1	1	1	1	1	0
10	13	24	14	9	23	35	1	1	1	1	1	1	1	0
5	12	21	12	10	24	55	0	1	1	1	1	1	1	1
5	13	23	14	9	24	35	0	1	1	1	1	1	1	0
3	8	8	13	0	14	45	0	0	0	1	0	0	0	0
0	9	8	12	5	11	55	0	0	0	1	0	0	0	1
5	13	13	13	0	16	45	0	1	0	1	0	0	0	0
8	9	20	11	9	20	65	1	0	1	0	1	1	1	1
5	13	12	8	5	17	65	0	1	0	0	0	0	0	1
9	9	8	13	9	23	35	1	0	0	1	1	1	1	0
10	13	20	13	8	21	65	1	1	1	1	1	1	1	1
9	9	20	13	7	22	55	1	0	1	1	0	1	1	1
9	11	22	14	8	23	55	1	1	1	1	1	1	1	1
10	9	9	14	7	22	35	1	0	0	1	0	1	0	0
10	12	22	14	8	22	45	1	1	1	1	1	1	1	0
9	12	23	14	7	20	45	1	1	1	1	0	1	0	0
9	9	23	13	8	23	35	1	0	1	1	1	1	1	0
8	9	21	12	8	20	45	1	0	1	1	1	1	1	0
7	9	20	11	8	20	65	1	0	1	0	1	1	1	1
8	9	20	13	7	20	75	1	0	1	1	0	1	1	1
10	12	23	13	9	24	75	1	1	1	1	1	1	1	1
10	9	22	12	9	21	65	1	0	1	1	1	1	1	1
8	13	21	13	9	22	45	1	1	1	1	1	1	1	0
7	9	21	13	7	22	85	1	0	1	1	0	1	1	1
9	14	23	15	8	20	65	1	1	1	1	1	1	1	1
10	9	24	14	9	23	45	1	0	1	1	1	1	1	0
10	9	21	12	10	24	45	1	0	1	1	1	1	1	0
10	13	23	14	9	24	45	1	1	1	1	1	1	1	0
9	9	23	13	10	23	55	1	0	1	1	1	1	1	1
6	9	20	12	8	20	45	0	0	1	1	1	1	1	0
7	13	25	12	8	20	45	1	1	1	1	1	1	1	0
10	13	24	14	9	23	45	1	1	1	1	1	1	1	0
9	14	23	11	10	24	45	1	1	1	0	1	1	1	0
10	13	24	15	9	23	45	1	1	1	1	1	1	1	0
5	13	20	11	8	21	45	0	1	1	0	1	1	1	0
8	5	10	10	9	8	45	1	0	0	0	1	0	0	0
9	13	22	14	8	23	45	1	1	1	1	1	1	1	0
9	12	20	13	7	21	65	1	1	1	1	0	1	1	1
9	15	23	15	9	24	65	1	1	1	1	1	1	1	1
3	14	18	13	9	20	35	0	1	0	1	1	1	1	0
10	14	23	14	10	24	35	1	1	1	1	1	1	1	0
7	10	15	8	8	18	55	1	0	0	0	1	0	1	1
10	13	23	13	8	23	55	1	1	1	1	1	1	1	1
9	15	21	13	8	24	45	1	1	1	1	1	1	1	0
8	13	22	14	9	22	35	1	1	1	1	1	1	1	0

1	104	80	94	84	104	103	72
0	16	40	26	36	16	17	48
CO attn	0.87	0.67	0.78	0.70	0.87	0.86	0.60

Avg Attn	0.79
Attn Level	2

Avg Attn	0.60
Attn Level	1

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												1.5	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	3.00	3.00	0	2.33	1.50	0	0	2.00	1.00	0	1.50	
Overall (Direct) CO attainment level	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Attainment of PO for this course	1.50	1.50	1.50	0.00	1.17	0.75	0.00	0.00	1.00	0.50	0.00	0.75	0.72

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.67	2.17	1.00	
Overall (Direct) CO attainment level	1.5	1.50	1.50	
Attainment of PSO for this course	1.33	1.08	0.50	0.97



Mapping of CO with PO and PSO of Engineering Thermodynamics & Fluid Mechanics (Paper code: ME-201)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	2	-	-	-	-	-	-	-	-	-	-
	CO2	2	2	-	-	-	-	-	-	-	-	-	-
	CO3	2	2	-	-	1	1	-	-	-	-	-	-
	CO4	2	2	1	-	1	1	2	1	-	-	1	1
	CO5	2	2	-	-	-	-	-	-	-	-	-	-
	CO6	2	2	1	-	1	1	2	1	-	-	1	1
AVERAGE	2.00	2.00	1.00	0	1.00	1.00	2.00	1.00	0	0	1.00	1.00	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	-	-	-
	CO2	-	-	-
	CO3	-	-	-
	CO4	-	1	-
	CO5	-	-	-
	CO6	-	1	-
AVERAGE	0	1.00	0	

Attainment Level 1: 60% of students score more than target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Univ Roll	Class Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attain in Univ Exam	
					CA1/CA2/CA3/CA4														
					CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4	CO5	CO6		
					10	15	25	15	10	25		100	CO1	CO2	CO3	CO4	CO5		CO6
1	11700217007	IT2017/013	VINAY KUMAR PODDAR	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
2	11700217008	IT2017/121	SUVAM PATRA	70%	8	11	20	13	9	23	75	1	1	1	1	1	1	1	1
3	11700217009	IT2017/089	SUSNATA DAS	70%	7	9	17	12	8	22	45	1	0	0	1	1	1	1	0
4	11700217010	IT2017/015	SURYAPRATIM RAY	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
5	11700217012	IT2017/054	SUPRATIM DAS	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
6	11700217013	IT2017/053	SUMEDHA SEN	70%	7	13	21	14	7	21	85	1	1	1	1	1	1	1	1
7	11700217014	IT2017/039	SUMAN KAYAL	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
8	11700217015	IT2017/067	SUKANYA SAHA	70%	8	11	20	13	9	23	75	1	1	1	1	1	1	1	1
9	11700217016	IT2017/081	SUBHASHRI DAS	70%	8	11	20	13	9	23	75	1	1	1	1	1	1	1	1
10	11700217017	IT2017/117	SUBHANKAR NATH	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
11	11700217018	IT2017/052	SUBHANGEE	70%	8	11	20	13	9	23	75	1	1	1	1	1	1	1	1
12	11700217019	IT2017/021	SUBARNA SARKAR	70%	8	11	20	13	9	23	75	1	1	1	1	1	1	1	1
13	11700217020	IT2017/038	SRIPARNA GIRI	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
14	11700217021	IT2017/011	SRIJAYEE SAHA	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
15	11700217022	IT2017/094	SRIJANI ROY	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
16	11700217023	IT2017/120	SREYASHI KARMAKAR	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
17	11700217024	IT2017/012	SOURAV SHAW	70%	8	11	20	13	9	23	75	1	1	1	1	1	1	1	1
18	11700217025	IT2017/075	SOURAV SARKAR	70%	8	11	20	13	9	23	75	1	1	1	1	1	1	1	1
19	11700217026	IT2017/064	SOURAV SAMANTA	70%	7	9	17	9	8	22	55	1	0	0	0	1	1	1	0
20	11700217027	IT2017/069	SOURAV JAISWAL	70%	8	11	20	13	9	23	75	1	1	1	1	1	1	1	1
21	11700217029	IT2017/008	SOUMYADEEP MUKHERJEE	70%	7	9	17	12	8	22	45	1	0	0	1	1	1	1	0
22	11700217030	IT2017/063	SONALI	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
23	11700217031	IT2017/109	SOMENATH RANA	70%	9	14	22	14	9	23	35	1	1	1	1	1	1	1	0
24	11700217032	IT2017/045	SOHAM ROY	70%	8	8	14	15	9	16	35	1	0	0	1	1	0	0	0
25	11700217033	IT2017/079	SOHAM BANERJEE	70%	8	8	14	15	9	16	65	1	0	0	1	1	0	1	0
26	11700217034	IT2017/044	SNEHA DEEP	70%	10	13	22	14	10	23	85	1	1	1	1	1	1	1	1
27	11700217035	IT2017/083	SK ISHAN ALI	70%	7	9	17	9	8	22	55	1	0	0	0	1	1	1	0
28	11700217036	IT2017/031	SIMRAN SHAW	70%	8	11	20	13	9	23	75	1	1	1	1	1	1	1	1
29	11700217037	IT2017/023	SIMANTINI GHOSH	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
30	11700217038	IT2017/056	SIDHU KUMAR	70%	8	8	14	15	9	16	35	1	0	0	1	1	0	0	0
31	11700217039	IT2017/050	SHREYA SENGUPTA	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
32	11700217040	IT2017/035	SHIVANI KUMARI	70%	7	9	17	9	8	22	55	1	0	0	0	1	1	1	0
33	11700217041	IT2017/087	SHIVAM KUMAR SINGH	70%	10	15	24	14	9	23	55	1	1	1	1	1	1	1	0
34	11700217042	IT2017/099	SHIVAM	70%	7	12	16	12	8	20	65	1	1	0	1	1	1	1	1
35	11700217043	IT2017/097	SHEIKH TABISH	70%	8	11	20	13	9	23	75	1	1	1	1	1	1	1	1



36	11700217044	IT2017/072	SAYED AKHTAR
37	11700217045	IT2017/009	SAYANTAN BISWAS
38	11700217046	IT2017/046	SAYAN MUKHERJEE
39	11700217047	IT2017/032	SALINE SHAW
40	11700217048	IT2017/078	SAKSHI KUTRIYAR
41	11700217049	IT2017/065	SAIMANTI LAHA
42	11700217050	IT2017/105	SAHIL PRAKASH
43	11700217051	IT2017/017	ROHAN SHAH
44	11700217052	IT2017/058	ROHAN KUMAR ROY
45	11700217053	IT2017/010	ROHAN BANERJEE
46	11700217054	IT2017/030	RIZWAN ANSARI
47	11700217055	IT2017/002	RIYA KIRTANIA
48	11700217056	IT2017/110	RITAYAN DHARA
49	11700217057	IT2017/022	RIJA DEY
50	11700217058	IT2017/040	REEMA HAZRA
51	11700217059	IT2017/123	RAYA PAUL
52	11700217060	IT2017/043	RAVI KUMAR
53	11700217061	IT2017/070	RAUNAK GUPTA
54	11700217062	IT2017/107	RAKESH KUMAR
55	11700217063	IT2017/016	RAJAT BISWAS
56	11700217064	IT2017/046	PRIYANSHU JHA
57	11700217065	IT2017/114	PRIYA SINHA
58	11700217066	IT2017/049	PREETAM GHOSH
59	11700217067	IT2017/118	PRATYAY RUDRA
60	11700217068	IT2017/048	PRASHANT KUMAR
61	11700217069	IT2017/113	PRAPTY CHANDA
62	11700217070	IT2017/112	PRAGATI KUMARI
63	11700217071	IT2017/071	POULOMI SEN
64	11700217072	IT2017/033	PIYUSH KUMAR
65	11700217074	IT2017/057	NISHANT GAURAV
66	11700217075	IT2017/106	NILORMI DAS
67	11700217076	IT2017/027	NILANJAN DUTTA
68	11700217077	IT2017/047	NEHA PRIYADARSHNI
69	11700217078	IT2017/095	NATASHA CHANDA
70	11700217079	IT2017/007	NADEEM RAZA KHAN
71	11700217080	IT2017/108	MUKESH KUMAR
72	11700217081	IT2017/119	MOHAMMED ARSALAN
73	11700217082	IT2017/077	MD TAHIR
74	11700217083	IT2017/076	MD NOORAIN
75	11700217084	IT2017/074	MD JAVED AKHTAR
76	11700217085	IT2017/084	MD DANISHULLAH
77	11700217086	IT2017/029	MANAB MALAKAR
78	11700217087	IT2017/034	MADHUMITA GAYEN
79	11700217088	IT2017/082	KUMAR ROHAN
80	11700217089	IT2017/037	KARMVEER KUMAR THAKUR
81	11700217090	IT2017/004	KANKANA SAHA
82	11700217091	IT2017/100	IMRAN ALAM
83	11700217092	IT2017/018	HARSHIT BAISHKIYAR
84	11700217093	IT2017/036	GOURAV BHATTACHARJEE
85	11700217094	IT2017/073	GOURAB TALUKDAR
86	11700217095	IT2017/104	DISHANI KAR
87	11700217096	IT2017/055	DIPANJANA GHOSH
88	11700217097	IT2017/122	DEVASHREE MAHATO
89	11700217098	IT2017/024	DAIPAYAN KHAMARU
90	11700217099	IT2017/066	BISWADEEP SARKAR
91	11700217100	IT2017/091	BICKY KUMAR
92	11700217101	IT2017/090	BARNIK PODDER
93	11700217102	IT2017/026	ATINDRA KUMAR SINGH
94	11700217103	IT2017/020	ASMITA GHOSH
95	11700217104	IT2017/025	ARUNAVA GHOSH
96	11700217105	IT2017/051	ARUNARKA MUKHOPADHYAY
97	11700217106	IT2017/059	ARNAB DALAL
98	11700217107	IT2017/103	ARKA MONDAL
99	11700217108	IT2017/068	ANUSHREE JAIN
100	11700217109	IT2017/001	ANTU KUNDU
101	11700217110	IT2017/092	ANTARA PAUL
102	11700217111	IT2017/042	ANKUR SARKAR
103	11700217112	IT2017/080	ANKUR KUMAR
104	11700217113	IT2017/101	ANKITA SINGH
105	11700217114	IT2017/028	ANKIT SHARMA

7	9	17	9	8	22	55	1	0	0	0	1	1	0
7	12	16	12	8	20	65	1	1	0	1	1	1	1
8	11	20	13	9	23	75	1	1	1	1	1	1	1
10	14	23	14	9	24	55	1	1	1	1	1	1	0
7	12	16	12	8	20	65	1	1	0	1	1	1	1
10	13	24	14	10	24	95	1	1	1	1	1	1	1
7	12	16	12	8	20	65	1	1	0	1	1	1	1
8	14	21	12	9	23	85	1	1	1	1	1	1	1
10	13	24	15	10	20	95	1	1	1	1	1	1	1
10	12	24	15	9	25	85	1	1	1	1	1	1	1
7	12	16	12	8	20	65	1	1	0	1	1	1	1
9	14	23	14	10	24	95	1	1	1	1	1	1	1
8	11	20	13	9	23	75	1	1	1	1	1	1	1
10	13	24	14	10	24	95	1	1	1	1	1	1	1
10	13	24	14	10	24	95	1	1	1	1	1	1	1
7	12	16	12	8	20	65	1	1	0	1	1	1	1
8	11	20	13	9	23	75	1	1	1	1	1	1	1
8	11	20	13	9	23	75	1	1	1	1	1	1	1
7	12	16	12	8	20	65	1	1	0	1	1	1	1
8	11	20	13	9	23	75	1	1	1	1	1	1	1
10	14	22	14	10	22	95	1	1	1	1	1	1	1
10	12	20	14	9	21	85	1	1	1	1	1	1	1
10	13	24	14	10	24	95	1	1	1	1	1	1	1
7	12	16	12	8	20	65	1	1	0	1	1	1	1
7	9	17	12	8	22	45	1	0	0	1	1	1	0
9	14	23	13	10	22	85	1	1	1	1	1	1	1
8	8	14	15	9	16	35	1	0	0	1	1	0	0
10	13	24	14	10	24	95	1	1	1	1	1	1	1
7	12	16	12	8	20	65	1	1	0	1	1	1	1
10	12	20	15	10	21	95	1	1	1	1	1	1	1
9	13	22	14	9	22	85	1	1	1	1	1	1	1
7	12	16	12	8	20	65	1	1	0	1	1	1	1
10	12	22	14	10	21	85	1	1	1	1	1	1	1
8	11	20	13	9	23	75	1	1	1	1	1	1	1
9	11	20	12	9	22	55	1	1	1	1	1	1	0
8	11	20	13	9	23	75	1	1	1	1	1	1	1
9	14	23	13	10	23	85	1	1	1	1	1	1	1
8	11	20	13	9	23	75	1	1	1	1	1	1	1
7	9	17	12	8	22	45	1	0	0	1	1	1	0
7	9	17	12	8	22	45	1	0	0	1	1	1	0
8	11	20	13	9	23	75	1	1	1	1	1	1	1
7	9	17	12	8	22	45	1	0	0	1	1	1	0
7	12	16	12	8	20	65	1	1	0	1	1	1	1
7	9	17	9	8	22	55	1	0	0	0	1	1	0
7	12	16	12	8	20	65	1	1	0	1	1	1	1
8	11	20	13	9	23	75	1	1	1	1	1	1	1
9	11	20	13	6	22	85	1	1	1	1	0	1	1
7	9	17	12	8	22	45	1	0	0	1	1	1	0
7	9	17	9	8	22	55	1	0	0	0	1	1	0
7	9	17	12	8	22	45	1	0	0	1	1	1	0
7	12	16	12	8	20	65	1	1	0	1	1	1	1
7	9	17	9	8	22	55	1	0	0	0	1	1	0
7	9	17	12	8	22	45	1	0	0	1	1	1	0
8	11	20	13	9	23	75	1	1	1	1	1	1	1
8	11	20	13	9	23	75	1	1	1	1	1	1	1
9	13	20	12	9	23	85	1	1	1	1	1	1	1
9	13	20	12	9	23	85	1	1	1	1	1	1	1
9	13	20	12	9	23	55	1	1	1	1	1	1	0
9	13	20	12	9	23	85	1	1	1	1	1	1	1
8	11	20	13	9	23	75	1	1	1	1	1	1	1
7	9	17	12	8	22	45	1	0	0	1	1	1	0
7	12	16	12	8	20	65	1	1	0	1	1	1	1
7	9	17	9	8	22	55	1	0	0	0	1	1	0
9	13	20	12	9	23	85	1	1	1	1	1	1	1
7	12	16	12	8	20	65	1	1	0	1	1	1	1



106	11700217115	IT2017/006	ANKIT PRAMANIK
107	11700217116	IT2017/060	ANKIT KUMAR JHA
108	11700217117	IT2017/093	ANIKET MAJUMDAR
109	11700217118	IT2017/115	ANIKET ARORA
110	11700217119	IT2017/085	AMAN KUMAR VERMA
111	11700217120	IT2017/088	AMAN KUMAR
112	11700217121	IT2017/124	AMAN JHA
113	11700217122	IT2017/102	AKRITI
114	11700217123	IT2017/019	ADRIJA DAS
115	11700217124	IT2017/116	ADITYA KUMAR SINHA
116	11700217125	IT2017/125	ADITYA KUMAR JHA
117	11700217126	IT2017/003	ADITYA BHATTACHARYA
118	11700217127	IT2017/014	ADEEL ABBAS SIDDIQUI
119	11700217128	IT2017/041	ABHISHEK PAREEK
120	11700217129	IT2017/086	ABHISHEK KUMAR

7	9	17	9	8	22	55	1	0	0	0	1	1	0
7	12	16	12	8	20	65	1	1	0	1	1	1	1
7	12	16	12	8	20	65	1	1	0	1	1	1	1
7	9	17	12	8	22	45	1	0	0	1	1	1	0
8	8	14	15	9	16	35	1	0	0	1	1	0	0
7	9	17	12	8	22	45	1	0	0	1	1	1	0
7	9	17	12	8	22	45	1	0	0	1	1	1	0
8	11	20	13	9	23	75	1	1	1	1	1	1	1
9	13	20	12	9	23	85	1	1	1	1	1	1	1
8	8	14	15	9	16	35	1	0	0	1	1	0	0
7	9	17	12	8	22	45	1	0	0	1	1	1	0
8	11	20	13	9	23	75	1	1	1	1	1	1	1
9	13	20	12	9	23	85	1	1	1	1	1	1	1
7	12	16	12	8	20	65	1	1	0	1	1	1	1
7	9	17	12	8	22	45	1	0	0	1	1	1	0

1	120	88	57	109	119	114	84
0	0	32	63	11	1	6	36
CO attn	1.00	0.73	0.48	0.91	0.99	0.95	0.70

Avg Attn	0.843
Attn Level	3

Avg Attn	0.70
Attn Level	2

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level		2.5											
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.00	2.00	1.00	0	1.00	1.00	2.00	1.00	0	0	1.00	1.00	
Overall (Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.50	
Attainment of PO for this course	1.67	1.67	0.83	0.00	0.83	0.83	1.67	0.83	0.00	0.00	0.83	0.83	0.83

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	0	1.00	0	
Overall (Direct) CO attainment level	2.5	2.50	2.50	
Attainment of PSO for this course	0	0.83	0.00	0.28

Mapping of CO with PO and PSO of Basic Computation & Principles of Computer Programming (Paper code: CS291)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	1	1	1	-	2	-	2	3	-	1	1
	CO2	3	1	1	1	3	-	-	2	3	-	2	-
	CO3	3	2	3	1	-	-	-	2	3	3	1	-
	CO4	3	2	3	2	-	2	-	3	3	-	1	2
	CO5	3	1	1	1	-	-	-	2	3	-	2	-
	CO6	3	2	3	3	1	2	2	3	3	-	2	2
	AVERAGE	3.00	1.50	2.00	1.50	2.00	2.00	2.00	2.33	3.00	3.00	1.50	1.67

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	1	1
	CO2	3	1	2
	CO3	3	1	1
	CO4	3	3	1
	CO5	3	1	1
	CO6	3	3	2
AVERAGE	3.00	1.67	1.33	

Attainment Level 1: 60% of students score more than target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA'S						Univ. Exam	Course Outcome Attainment with target in %						
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					15	15	10	15	15	10								
					80%						60%	80%						
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		15	14	9	14	15	9	47	1	1	1	1	1	1	0
2	IT2017/121	11700217008	SUVAM PATRA		13	13	8	12	13	8	50	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		12	13	9	12	12	8	42	1	1	1	1	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		14	15	9	15	14	9	55	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		15	14	9	14	14	8	40	1	1	1	1	1	1	0
6	IT2017/053	11700217013	SUMEDHA SEN		13	13	8	12	13	8	52	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		15	15	10	14	15	9	46	1	1	1	1	1	1	0
8	IT2017/067	11700217015	SUKANYA SAHA		12	12	8	13	12	8	50	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		12	12	8	12	12	7	56	1	1	1	1	1	0	1
10	IT2017/117	11700217017	SUBHANKAR NATH		12	13	9	12	13	8	57	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		15	14	9	15	14	9	49	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		12	13	8	12	13	8	56	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		15	14	10	14	15	9	50	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRJAYEE SAHA		14	15	10	15	14	9	56	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		15	15	9	14	15	9	45	1	1	1	1	1	1	0
16	IT2017/120	11700217023	SREYASHI KARMAKAR		15	14	9	15	14	8	50	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		12	13	8	12	12	8	56	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		14	15	9	14	15	9	55	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		14	15	8	15	14	8	51	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		13	12	8	12	13	8	58	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUFYADEEP MUKHERJEE		15	14	9	14	15	9	47	1	1	1	1	1	1	0
22	IT2017/063	11700217030	SONALI		14	15	10	15	14	9	45	1	1	1	1	1	1	0
23	IT2017/109	11700217031	SOMENATH RANA		7	9	6	5	8	2	20	0	0	0	0	0	0	0
24	IT2017/045	11700217032	SOHAM ROY		5	11	7	7	7	5	20	0	0	0	0	0	0	0
25	IT2017/079	11700217033	SOHAM BANERJEE		12	12	8	13	12	8	58	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		12	13	8	12	13	8	53	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		13	11	8	12	12	7	48	1	0	1	1	1	0	1
28	IT2017/031	11700217036	SIMRAN SHAW		14	15	9	15	14	9	49	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		14	13	8	14	15	9	46	1	1	1	1	1	1	0
30	IT2017/056	11700217038	SIDHU KUMAR		15	14	9	14	14	9	48	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		15	14	9	15	14	9	57	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		15	15	10	15	15	10	48	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		15	14	8	14	15	10	57	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		13	12	9	12	12	8	48	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		13	15	8	15	14	9	40	1	1	1	1	1	1	0
36	IT2017/072	11700217044	SAYED AKHTAR		14	15	9	14	15	9	47	1	1	1	1	1	1	0
37	IT2017/009	11700217045	SAYANTAN BISWAS		12	12	9	12	12	8	52	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		12	11	8	11	12	6	56	1	0	1	0	1	0	1
39	IT2017/032	11700217047	SALINE SHAW		15	15	9	15	14	9	45	1	1	1	1	1	1	0
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		15	14	10	15	14	10	47	1	1	1	1	1	1	0
41	IT2017/065	11700217049	SAIMANTI LAHA		15	15	9	14	14	9	46	1	1	1	1	1	1	0
42	IT2017/105	11700217050	SAHIL PRAKASH		15	14	9	15	14	9	46	1	1	1	1	1	1	0
43	IT2017/017	11700217051	ROHAN SHAH		12	11	8	12	12	8	51	1	0	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY		14	15	9	14	14	9	47	1	1	1	1	1	1	0
45	IT2017/010	11700217053	ROHAN BANERJEE		12	14	9	13	12	9	51	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		12	13	8	11	12	8	48	1	1	1	0	1	1	1
47	IT2017/002	11700217055	RIYA KIRTANIA		12	13	8	12	12	9	55	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA		14	15	9	14	14	10	47	1	1	1	1	1	1	0
49	IT2017/022	11700217057	RIJA DEY		12	13	8	12	12	8	56	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		12	11	8	12	13	9	55	1	0	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL		12	12	8	13	12	8	51	1	1	1	1	1	1	1
52	IT2017/043	11700217060	RAVI KUMAR		13	13	8	13	12	8	46	1	1	1	1	1	1	0
53	IT2017/070	11700217061	RAUNAK GUPTA		14	15	10	15	14	10	57	1	1	1	1	1	1	1
54	IT2017/107	11700217062	RAKESH KUMAR		14	15	9	14	14	9	45	1	1	1	1	1	1	0
55	IT2017/016	11700217063	RAJAT BISWAS		13	12	8	11	12	9	47	1	1	1	0	1	1	0
56	IT2017/046	11700217064	PRIYANSHU JHA		15	14	9	15	14	10	50	1	1	1	1	1	1	1
57	IT2017/114	11700217065	PRIYA SINHA		12	12	8	12	13	8	50	1	1	1	1	1	1	1
58	IT2017/049	11700217066	PREETAM GHOSH		13	12	8	13	11	7	52	1	1	1	1	0	0	1
59	IT2017/118	11700217067	PRATYAY RUDRA		14	15	9	14	15	9	55	1	1	1	1	1	1	1
60	IT2017/048	11700217068	PRASHANT KUMAR		15	14	9	15	15	9	48	1	1	1	1	1	1	1



61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

14	15	9	15	14	9	55	1	1	1	1	1	1	1	1
14	15	10	14	15	9	49	1	1	1	1	1	1	1	1
12	12	7	11	10	7	52	1	1	0	0	0	0	0	1
12	10	7	12	10	6	45	1	0	0	1	0	0	0	0
12	12	8	12	13	9	47	1	1	1	1	1	1	1	0
12	13	9	12	13	8	57	1	1	1	1	1	1	1	1
15	14	9	15	14	9	50	1	1	1	1	1	1	1	1
12	13	8	13	13	8	49	1	1	1	1	1	1	1	1
14	15	9	14	15	8	51	1	1	1	1	1	1	1	1
14	15	9	14	15	10	43	1	1	1	1	1	1	1	1
14	15	9	14	14	9	48	1	1	1	1	1	1	1	1
15	15	9	14	15	9	48	1	1	1	1	1	1	1	1
14	15	9	14	14	10	55	1	1	1	1	1	1	1	1
14	15	9	14	14	9	45	1	1	1	1	1	1	1	0
13	10	8	13	12	7	51	1	0	1	1	1	1	1	1
15	14	10	15	14	9	40	1	1	1	1	1	1	1	0
14	15	10	13	14	9	46	1	1	1	1	1	1	1	0
15	14	9	14	15	9	53	1	1	1	1	1	1	1	1
12	13	8	13	12	9	44	1	1	1	1	1	1	1	0
14	15	10	15	14	9	46	1	1	1	1	1	1	1	0
12	12	9	13	12	9	51	1	1	1	1	1	1	1	1
12	13	8	13	13	8	52	1	1	1	1	1	1	1	1
12	11	8	12	10	7	55	1	0	1	1	0	0	0	1
14	15	9	14	15	9	46	1	1	1	1	1	1	1	0
12	13	9	13	12	8	50	1	1	1	1	1	1	1	1
12	13	8	12	12	9	49	1	1	1	1	1	1	1	1
7	12	8	13	13	8	39	0	1	1	1	1	1	1	0
12	12	9	14	13	8	51	1	1	1	1	1	1	1	1
15	13	9	15	13	9	40	1	1	1	1	1	1	1	0
14	15	8	13	12	8	46	1	1	1	1	1	1	1	0
12	12	8	12	13	9	46	1	1	1	1	1	1	1	0
13	12	9	13	13	8	50	1	1	1	1	1	1	1	1
12	13	8	13	12	9	44	1	1	1	1	1	1	1	0
14	15	10	15	14	9	50	1	1	1	1	1	1	1	1
12	12	9	13	12	9	51	1	1	1	1	1	1	1	1
12	13	8	13	13	8	52	1	1	1	1	1	1	1	1
12	11	8	12	10	7	52	1	0	1	1	0	0	0	1
14	15	9	14	15	9	55	1	1	1	1	1	1	1	1
12	13	9	13	12	8	57	1	1	1	1	1	1	1	1
12	13	8	12	12	9	55	1	1	1	1	1	1	1	1
12	12	8	13	13	8	46	1	1	1	1	1	1	1	0
12	12	9	14	13	8	49	1	1	1	1	1	1	1	1
15	13	9	15	13	9	45	1	1	1	1	1	1	1	0
14	15	8	13	12	8	50	1	1	1	1	1	1	1	1
12	12	8	12	13	9	47	1	1	1	1	1	1	1	0
13	12	9	13	13	8	48	1	1	1	1	1	1	1	1
12	13	8	13	12	9	49	1	1	1	1	1	1	1	1
14	15	10	15	14	9	48	1	1	1	1	1	1	1	1
12	12	9	13	12	9	40	1	1	1	1	1	1	1	0
12	13	8	13	13	8	43	1	1	1	1	1	1	1	0
12	11	8	12	10	7	46	1	0	1	1	0	0	0	0
14	15	9	14	15	9	41	1	1	1	1	1	1	1	0
12	13	9	13	12	8	52	1	1	1	1	1	1	1	1
12	13	8	12	12	9	57	1	1	1	1	1	1	1	1
12	12	8	13	13	8	46	1	1	1	1	1	1	1	0
12	12	9	14	13	8	47	1	1	1	1	1	1	1	0
15	13	9	15	13	9	48	1	1	1	1	1	1	1	1
14	15	8	13	12	8	56	1	1	1	1	1	1	1	1
12	12	8	12	13	9	47	1	1	1	1	1	1	1	0
13	12	9	13	13	8	48	1	1	1	1	1	1	1	1

1	117	109	116	114	112	109	75
0	3	11	4	6	8	11	45
CO attn	0.98	0.91	0.97	0.95	0.93	0.91	0.63

Avg Attn	0.94	Avg Attn	0.63
Attn Level	3	Attn Level	1



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											1.8		
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	1.50	2.00	1.50	2.00	2.00	2.00	2.33	3.00	3.00	1.50	1.67	
Overall (Direct) CO attainment level	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
Attainment of PO for this course	1.80	0.90	1.20	0.90	1.20	1.20	1.20	1.40	1.80	1.80	0.90	1.00	1.28

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	1.67	1.33	
Overall(Direct) CO attainment level	1.8	1.8	1.8	
Attainment of PSO for this course	1.80	1.00	0.80	1.20

Mapping of CO with PO and PSO of Chemistry-I (Paper code: CH291)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	2	1	1	-	-	-	-	-	-	-	-
	CO2	3	2	1	-	-	-	-	-	-	-	-	-
	CO3	3	2	1	-	-	-	-	-	-	-	-	-
	CO4	3	2	1	-	-	-	-	-	-	-	-	-
	CO5	3	1	1	1	-	-	-	-	-	-	-	-
	CO6	3	1	1	1	-	-	-	-	-	-	-	-
	AVERAGE	3.00	1.67	1.00	1.00	0	0	0	0	0	0	0	0

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	-	-
	CO2	1	-	-
	CO3	1	-	-
	CO4	1	-	-
	CO5	1	-	-
	CO6	1	-	-
	AVERAGE	1.00	0	0

Attainment Level 1: 60% of students score more than target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ. Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6	CO attainment in Univ. Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					15	15	10	15	15	10								
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	15	15	10	14	15	9	56	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	15	15	10	12	13	8	50	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	10	10	10	12	12	8	50	0	0	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	15	15	10	15	14	9	56	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	10	10	5	14	15	9	56	0	0	0	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	15	14	8	14	14	8	56	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	15	15	5	12	13	8	50	1	1	0	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	15	15	5	14	15	9	56	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	15	15	5	13	12	8	56	1	1	0	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	15	15	10	12	12	7	56	1	1	1	1	1	0	1
11	IT2017/052	11700217018	SUBHANGEE	80%	15	15	10	12	13	8	56	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	15	15	10	15	14	9	56	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	12	13	5	12	13	8	56	1	1	0	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	15	15	10	14	15	9	56	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	13	14	6	15	14	9	56	1	1	0	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	10	10	5	14	15	9	44	0	0	0	1	1	1	0
17	IT2017/012	11700217024	SOURAV SHAW	80%	10	10	5	15	14	8	56	0	0	0	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	10	5	5	12	12	8	56	0	0	0	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	10	10	5	14	15	9	50	0	0	0	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	10	5	5	15	14	8	56	0	0	0	1	1	1	1
21	IT2017/008	11700217029	SOUFYADEEP MUKHERJEE	80%	15	15	5	12	13	8	50	1	1	0	1	1	1	1



22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SALMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIVA KIRTANA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RUJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU

15	15	10	15	14	9	50	1	1	1	1	1	1	1
10	10	7	14	15	9	19	0	0	0	1	1	1	0
14	13	5	15	14	9	19	1	1	0	1	1	1	0
15	15	10	14	15	9	56	1	1	1	1	1	1	1
15	15	10	15	14	10	56	1	1	1	1	1	1	1
15	15	5	13	12	8	44	1	1	0	1	1	1	0
15	15	10	12	13	8	56	1	1	1	1	1	1	1
15	15	10	12	12	7	50	1	1	1	1	1	0	1
10	5	5	15	14	9	50	0	0	0	1	1	1	1
10	6	6	14	15	9	56	0	0	0	1	1	1	1
15	15	10	14	14	9	50	1	1	1	1	1	1	1
5	10	10	15	14	9	50	0	0	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1
15	15	10	14	15	10	50	1	1	1	1	1	1	1
13	12	10	12	12	8	50	1	1	1	1	1	1	1
5	5	10	15	14	9	56	0	0	1	1	1	1	1
15	15	10	14	15	9	50	1	1	1	1	1	1	1
5	5	10	12	12	8	50	0	0	1	1	1	1	1
12	15	10	11	12	6	56	1	1	1	0	1	0	1
5	10	10	15	14	9	56	0	0	1	1	1	1	1
10	10	5	15	14	10	56	0	0	0	1	1	1	1
8	10	4	14	14	9	56	0	0	0	1	1	1	1
15	15	10	15	14	9	50	1	1	1	1	1	1	1
12	13	10	12	12	8	56	1	1	1	1	1	1	1
15	10	5	14	14	9	44	1	0	0	1	1	1	0
5	10	10	13	12	9	56	0	0	1	1	1	1	1
12	13	8	11	12	8	56	1	1	1	0	1	1	1
12	6	4	12	12	9	56	1	0	0	1	1	1	1
14	15	6	14	14	10	56	1	1	0	1	1	1	1
12	13	10	12	12	8	56	1	1	1	1	1	1	1
12	13	10	13	12	8	50	1	1	1	1	1	1	1
15	15	10	13	12	8	56	1	1	1	1	1	1	1
10	15	5	15	14	10	56	0	1	0	1	1	1	1
5	10	10	14	14	9	56	0	0	1	1	1	1	1
13	12	10	11	12	9	56	1	1	1	0	1	1	1
15	15	5	15	14	10	50	1	1	0	1	1	1	1
7	10	8	12	13	8	56	0	0	1	1	1	1	1
15	15	10	13	11	7	50	1	1	1	1	0	0	1
10	7	5	14	15	9	56	0	0	0	1	1	1	1
15	10	5	15	15	9	56	1	0	0	1	1	1	1
10	10	2	15	14	9	50	0	0	0	1	1	1	1
12	15	10	14	15	9	56	1	1	1	1	1	1	1
8	8	6	11	10	7	50	0	0	0	0	0	0	1
5	10	10	12	10	6	56	0	0	1	1	0	0	1
15	10	10	12	11	7	56	1	0	1	1	0	0	1
15	15	5	12	13	9	56	1	1	0	1	1	1	1
10	10	2	15	14	9	50	0	0	0	1	1	1	1
15	15	8	13	13	8	50	1	1	1	1	1	1	1
15	15	10	14	15	8	50	1	1	1	1	1	1	1
14	15	8	14	15	10	56	1	1	1	1	1	1	1
15	15	7	14	14	9	50	1	1	0	1	1	1	1
15	15	5	14	15	9	50	1	1	0	1	1	1	1
15	15	5	14	14	10	50	1	1	0	1	1	1	1
15	15	7	14	14	9	56	1	1	0	1	1	1	1
13	7	10	13	12	7	50	1	0	1	1	1	0	1
15	15	10	15	14	9	44	1	1	1	1	1	1	0
15	15	10	13	14	9	56	1	1	1	1	1	1	1
15	15	10	14	15	9	44	1	1	1	1	1	1	0
10	10	2	13	12	9	56	0	0	0	1	1	1	1
5	10	5	15	14	9	50	0	0	0	1	1	1	1
10	5	5	13	12	9	50	0	0	0	1	1	1	1
15	15	5	13	13	8	50	1	1	0	1	1	1	1
5	10	5	12	10	7	50	0	0	0	1	0	0	1
15	15	10	14	15	9	44	1	1	1	1	1	1	0
15	15	5	13	12	8	56	1	1	0	1	1	1	1
15	15	5	12	12	9	50	1	1	0	1	1	1	1
15	15	7	13	13	8	56	1	1	0	1	1	1	1
12	12	9	14	13	8	39	1	1	1	1	1	1	0
15	13	9	15	13	9	50	1	1	1	1	1	1	1
14	15	10	13	12	8	44	1	1	1	1	1	1	0
15	15	10	12	13	9	56	1	1	1	1	1	1	1
13	5	4	13	13	8	50	1	0	0	1	1	1	1
15	15	5	13	12	9	56	1	1	0	1	1	1	1
10	7	5	13	13	8	56	0	0	0	1	1	1	1
10	5	5	12	13	9	56	0	0	0	1	1	1	1
8	8	6	12	13	8	56	0	0	0	1	1	1	1
8	8	6	13	13	8	50	0	0	0	1	1	1	1
12	13	8	11	12	8	56	1	1	1	0	1	1	1
12	6	4	12	12	9	56	1	0	0	1	1	1	1



101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

14	15	6	14	14	10	50	1	1	0	1	1	1	1
12	13	10	12	12	8	50	1	1	1	1	1	1	1
12	13	10	13	12	8	56	1	1	1	1	1	1	1
15	15	10	13	12	8	56	1	1	1	1	1	1	1
10	15	5	15	14	10	44	0	1	0	1	1	1	0
5	10	10	14	14	9	50	0	0	1	1	1	1	1
13	12	10	11	12	9	56	1	1	1	0	1	1	1
15	15	5	15	14	10	56	1	1	0	1	1	1	1
7	10	8	12	13	8	56	0	0	1	1	1	1	1
15	15	10	13	11	7	44	1	1	1	1	0	0	0
10	7	5	14	15	9	56	0	0	0	1	1	1	1
15	10	5	15	15	9	50	1	0	0	1	1	1	1
10	10	2	15	14	9	56	0	0	0	1	1	1	1
12	15	10	14	15	9	56	1	1	1	1	1	1	1
8	8	6	11	10	7	50	0	0	0	0	0	0	1
5	10	10	12	10	6	50	0	0	1	1	0	0	1
15	10	10	12	11	7	56	1	0	1	1	0	0	1
15	15	5	12	13	9	56	1	1	0	1	1	1	1
10	10	2	15	14	9	44	0	0	0	1	1	1	0
7	10	8	12	13	8	44	0	0	1	1	1	1	0

1	63	56	52	91	89	86	85
0	35	42	46	7	9	12	13
CO attn	0.64	0.57	0.53	0.93	0.91	0.88	0.87

Avg Attn	0.743
Attn Level	2

Avg Attn	0.7025
Attn Level	2

Overall Course Outcome Attainment												
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)												
Direct CO attainment level 2												
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Avg values from table 1	3.00	1.67	1.00	1.00	0	0	0	0	0	0	0	0
Overall (Direct) CO attainment level	2	2	2	2	2	2	2	2	2	2	2	2
Attainment of PO for this course	2.00	1.11	0.67	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3			
	PSO1	PSO2	PSO3
Avg values from table 2	1.00	0	0
Overall (Direct) CO attainment level	2	2	2
Attainment of PSO for this course	0.67	0.00	0.00

Mapping of CO with PO and PSO of Basic Electrical & Electronic Engineering- II (Paper code: ES291)

Enter correlation levels 1, 2 or 3 as defined below :

1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
	CO1	3	3	-	-	-	-	-	-	-	1	1	-	2
	CO2	3	3	3	-	-	-	-	-	-	2	1	-	1
	CO3	3	3	3	3	3	-	-	-	-	-	3	-	1
	CO4	-	-	-	-	-	-	-	-	-	-	2	-	1
	CO5	-	-	-	-	-	-	-	-	-	-	2	-	1
	CO6	-	-	-	-	-	-	-	-	-	-	2	-	1
	AVERAGE	3.00	3.00	3.00	3.00	3.00	0	0	0	0	1.50	1.83	0	1.17

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	2	1	1
	CO2	2	3	1
	CO3	3	2	-
	CO4	3	2	-
	CO5	2	1	-
	CO6	3	2	-
	AVERAGE	2.50	1.83	1.00

Attainment Level 1: 60% of students score more than target marks out of the maximum relevant marks.

Attainment Level 2: 70% of students score more than target marks out of the maximum relevant marks.

Attainment Level 3: 80% of students score more than target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					15	15	10	15	15	10								
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	12	12	8	13	12	8	48	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	12	13	8	12	13	8	48	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	70%	13	11	8	12	12	7	28	1	0	1	1	1	0	0
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	14	15	9	15	14	9	54	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	14	13	8	14	15	9	45	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	15	14	9	14	14	9	47	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	15	14	9	15	14	9	51	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	15	15	10	15	15	10	49	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	15	14	8	14	15	10	48	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	13	12	9	12	12	8	55	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	13	15	8	15	14	9	44	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	14	15	9	14	15	9	55	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	12	12	9	12	12	8	50	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	70%	12	11	8	11	12	6	48	1	0	1	0	1	0	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	15	15	9	15	14	9	44	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	15	14	10	15	14	10	48	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	15	15	9	14	14	9	46	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	12	13	8	12	12	8	50	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	14	15	9	14	15	9	41	1	1	1	1	1	1	0
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	14	15	8	15	14	8	51	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	80%	13	12	8	12	13	8	43	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI	80%	14	15	9	15	14	9	47	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA	80%	15	14	9	14	15	9	25	1	1	1	1	1	1	0
24	IT2017/045	11700217032	SOHAM ROY	80%	14	15	10	15	14	9	25	1	1	1	1	1	1	0
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	15	14	10	14	15	9	55	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	15	15	9	15	14	10	45	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	12	12	8	13	12	8	28	1	1	1	1	1	1	0
28	IT2017/031	11700217036	SIMRAN SHAW	80%	12	13	8	12	13	8	48	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	13	11	8	12	12	7	50	1	0	1	1	1	0	1
30	IT2017/056	11700217038	SIDHU KUMAR	80%	14	15	9	15	14	9	43	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	14	13	8	14	15	9	44	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	15	14	9	14	14	9	48	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	15	14	9	15	14	9	37	1	1	1	1	1	1	0
34	IT2017/099	11700217042	SHIVAM	80%	15	15	10	15	15	10	42	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	15	14	8	14	15	10	45	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR	80%	13	12	9	12	12	8	53	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	13	15	8	15	14	9	42	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE	80%	14	15	9	14	15	9	47	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW	80%	12	12	9	12	12	8	49	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	80%	12	11	8	11	12	6	49	1	0	1	0	1	0	1
41	IT2017/065	11700217049	SAIMANTI LAHA	80%	15	15	9	15	14	9	48	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH	80%	15	14	10	15	14	10	45	1	1	1	1	1	1	1
43	IT2017/017	11700217051	ROHAN SHAH	80%	15	15	9	14	14	9	50	1	1	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY	80%	15	14	9	15	14	9	45	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE	80%	12	11	8	12	12	8	55	1	0	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI	80%	14	15	9	14	14	9	44	1	1	1	1	1	1	1
47	IT2017/002	11700217055	RIYA KIRTANIA	80%	12	14	9	13	12	9	47	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA	80%	12	13	8	11	12	8	45	1	1	1	0	1	1	1
49	IT2017/022	11700217057	RIJA DEY	80%	12	13	8	12	12	9	55	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA	80%	14	15	9	14	14	10	54	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL	80%	12	13	8	12	12	8	42	1	1	1	1	1	1	1
52	IT2017/043	11700217060	RAVI KUMAR	80%	12	12	8	13	12	8	47	1	1	1	1	1	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA	80%	13	13	8	13	12	8	50	1	1	1	1	1	1	1
54	IT2017/107	11700217062	RAKESH KUMAR	80%	14	15	10	15	14	10	43	1	1	1	1	1	1	1
55	IT2017/016	11700217063	RAJAT BISWAS	80%	14	15	9	14	14	9	45	1	1	1	1	1	1	1
56	IT2017/046	11700217064	PRIYANSHU JHA	80%	13	12	8	11	12	9	42	1	1	1	0	1	1	1
57	IT2017/114	11700217065	PRIYA SINHA	80%	15	14	9	15	14	10	41	1	1	1	1	1	1	0
58	IT2017/049	11700217066	PREETAM GHOSH	80%	12	12	8	12	13	8	49	1	1	1	1	1	1	1
59	IT2017/118	11700217067	PRATYAY RUDRA	80%	13	12	8	13	11	7	43	1	1	1	1	0	0	1
60	IT2017/048	11700217068	PRASHANT KUMAR	80%	14	15	9	14	15	9	43	1	1	1	1	1	1	1
61	IT2017/113	11700217069	PRAPTY CHANDA	80%	15	14	9	15	15	9	53	1	1	1	1	1	1	1
62	IT2017/112	11700217070	PRAGATI KUMARI	80%	14	15	9	15	14	9	43	1	1	1	1	1	1	1
63	IT2017/071	11700217071	POULOMI SEN	80%	14	15	10	14	15	9	50	1	1	1	1	1	1	1
64	IT2017/033	11700217072	PIYUSH KUMAR	70%	12	12	7	11	10	7	38	1	1	0	0	0	0	0
65	IT2017/057	11700217074	NISHANT GAURAV	70%	12	10	7	12	10	6	40	1	0	0	1	0	0	0



66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

11	12	8	12	11	7	44	0	1	1	1	0	0	1
12	12	8	12	13	9	52	1	1	1	1	1	1	1
15	14	9	15	14	9	41	1	1	1	1	1	1	0
12	13	8	13	13	8	52	1	1	1	1	1	1	1
14	15	9	14	15	8	38	1	1	1	1	1	1	0
14	15	9	14	15	10	34	1	1	1	1	1	1	0
14	15	9	14	14	9	42	1	1	1	1	1	1	1
15	15	9	14	15	9	52	1	1	1	1	1	1	1
14	15	9	14	14	10	40	1	1	1	1	1	1	0
14	15	9	14	14	9	41	1	1	1	1	1	1	0
13	10	8	13	12	7	35	1	0	1	1	1	1	0
15	14	10	15	14	9	48	1	1	1	1	1	1	1
14	15	10	13	14	9	47	1	1	1	1	1	1	1
15	14	9	14	15	9	31	1	1	1	1	1	1	0
12	13	8	13	12	9	46	1	1	1	1	1	1	1
11	15	10	15	14	9	36	0	1	1	1	1	1	0
12	12	9	13	12	9	37	1	1	1	1	1	1	0
12	11	8	12	10	7	39	1	0	1	1	0	0	0
14	15	9	14	15	9	46	1	1	1	1	1	1	1
12	13	9	13	12	8	39	1	1	1	1	1	1	0
12	13	8	12	12	9	47	1	1	1	1	1	1	1
12	12	8	13	13	8	46	1	1	1	1	1	1	1
12	12	9	14	13	8	47	1	1	1	1	1	1	1
15	13	9	15	13	9	39	1	1	1	1	1	1	0
14	15	8	13	12	8	45	1	1	1	1	1	1	1
12	12	8	12	13	9	45	1	1	1	1	1	1	1
13	12	9	13	13	8	33	1	1	1	1	1	1	0
14	14	9	15	14	8	45	1	1	1	1	1	1	1
13	13	8	12	13	8	51	1	1	1	1	1	1	1
12	11	9	12	11	8	45	1	0	1	1	0	1	1
14	15	9	15	14	9	56	1	1	1	1	1	1	1
14	15	10	14	15	9	42	1	1	1	1	1	1	1
15	10	9	11	12	8	43	1	0	1	0	1	1	1
13	13	8	12	13	8	57	1	1	1	1	1	1	1
15	15	10	14	15	9	48	1	1	1	1	1	1	1
12	12	8	13	12	8	35	1	1	1	1	1	1	0
12	12	8	12	12	7	54	1	1	1	1	1	0	1
12	13	9	12	13	8	44	1	1	1	1	1	1	1
15	14	9	15	14	9	47	1	1	1	1	1	1	1
12	13	8	12	13	8	48	1	1	1	1	1	1	1
15	11	10	14	15	9	49	1	0	1	1	1	1	1
14	15	10	15	14	9	48	1	1	1	1	1	1	1
15	15	9	14	15	9	33	1	1	1	1	1	1	0
15	14	9	15	14	8	47	1	1	1	1	1	1	1
12	13	8	12	12	8	37	1	1	1	1	1	1	0
14	15	9	14	15	9	44	1	1	1	1	1	1	1
14	15	8	15	14	8	41	1	1	1	1	1	1	0
13	12	8	12	13	8	54	1	1	1	1	1	1	1
14	15	9	15	14	9	52	1	1	1	1	1	1	1
15	14	9	14	15	9	43	1	1	1	1	1	1	1
14	15	10	15	14	9	33	1	1	1	1	1	1	0
15	14	10	14	15	9	54	1	1	1	1	1	1	1
15	15	9	15	14	10	45	1	1	1	1	1	1	1
13	10	8	13	12	7	44	1	0	1	1	1	0	1
15	14	10	15	14	9	33	1	1	1	1	1	1	0

1	118	108	118	114	114	109	92
0	2	12	2	6	6	11	28
CO attn	0.98	0.90	0.98	0.95	0.95	0.91	0.77

Avg Attn	0.95
Attn Level	3

Avg Attn	0.77
Attn Level	2



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												2.4	
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	3.00	3.00	3.00	3.00	0	0	0	1.50	1.83	0	1.17	
Overall (Direct)CO attainment level	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
Attainment of PO for this course	2.40	2.40	2.40	2.40	2.40	0.00	0.00	0.00	1.20	1.47	0.00	0.93	1.30

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.50	1.83	1.00	
Overall (Direct) CO attainment level	2.4	2.4	2.4	
Attainment of PSO for this course	2.00	1.47	0.80	1.42

Mapping of CO with PO and PSO of Basic Engg Drawing & Computer Graphics (Paper code: ME292)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	3	2	-	1	1	-	2	2	-	-	-
	CO2	2	2	2	-	1	1	-	-	-	-	-	-
	CO3	2	2	2	-	-	-	-	2	2	-	-	-
	CO4	-	2	2	-	1	1	-	2	2	-	-	-
	CO5	-	2	2	-	1	1	-	2	2	-	-	-
	CO6	-	1	2	-	-	-	-	-	2	-	-	-
	AVERAGE	2.00	2.00	2.00	0	1.00	1.00	0	2.00	2.00	0	0	0

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	1	-
	CO2	1	1	-
	CO3	1	-	-
	CO4	-	1	-
	CO5	1	-	-
	CO6	-	1	-
	AVERAGE	1.00	1.00	0

Attainment Level 1: 60% of students score more than target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					15	15	10	15	15	10								
					80%						70%	80%						
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		14	14	9	15	14	8	53	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		13	13	8	12	13	8	42	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		12	11	9	12	11	8	36	1	0	1	1	0	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		14	15	9	15	14	9	50	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		14	15	10	14	15	9	47	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		15	10	9	11	12	8	53	1	0	1	0	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		13	13	8	12	13	8	52	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		15	15	10	14	15	9	54	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		12	12	8	13	12	8	52	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		12	12	8	12	12	7	52	1	1	1	1	1	0	1
11	IT2017/052	11700217018	SUBHANGEE		12	13	9	12	13	8	55	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		15	14	9	15	14	9	54	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		12	13	8	12	13	8	54	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		15	11	10	14	15	9	48	1	0	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		14	15	10	15	14	9	48	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		15	15	9	14	15	9	55	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		15	14	9	15	14	8	54	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		12	13	8	12	12	8	54	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		14	15	9	14	15	9	48	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		14	15	8	15	14	8	44	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		13	12	8	12	13	8	32	1	1	1	1	1	1	0
22	IT2017/063	11700217030	SONALI		14	15	9	15	14	9	40	1	1	1	1	1	1	0
23	IT2017/109	11700217031	SOMENATH RANA		15	14	9	14	15	9	25	1	1	1	1	1	1	0



24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH

14	15	10	15	14	9	25	1	1	1	1	1	1	0
15	14	10	14	15	9	55	1	1	1	1	1	1	1
15	15	9	15	14	10	52	1	1	1	1	1	1	1
12	12	8	13	12	8	37	1	1	1	1	1	1	0
12	13	8	12	13	8	54	1	1	1	1	1	1	1
13	11	8	12	12	7	47	1	0	1	1	1	0	1
14	15	9	15	14	9	37	1	1	1	1	1	1	0
14	13	8	14	15	9	49	1	1	1	1	1	1	1
15	14	9	14	14	9	40	1	1	1	1	1	1	0
15	14	9	15	14	9	34	1	1	1	1	1	1	0
15	15	10	15	15	10	44	1	1	1	1	1	1	1
15	14	8	14	15	10	44	1	1	1	1	1	1	1
13	12	9	12	12	8	42	1	1	1	1	1	1	1
13	15	8	15	14	9	44	1	1	1	1	1	1	1
14	15	9	14	15	9	44	1	1	1	1	1	1	1
12	12	9	12	12	8	51	1	1	1	1	1	1	1
12	11	8	11	12	6	42	1	0	1	0	1	0	1
15	15	9	15	14	9	53	1	1	1	1	1	1	1
15	14	10	15	14	10	42	1	1	1	1	1	1	1
15	15	9	14	14	9	53	1	1	1	1	1	1	1
15	14	9	15	14	9	44	1	1	1	1	1	1	1
12	11	8	12	12	8	52	1	0	1	1	1	1	1
14	15	9	14	14	9	51	1	1	1	1	1	1	1
12	14	9	13	12	9	50	1	1	1	1	1	1	1
12	13	8	11	12	8	43	1	1	1	0	1	1	1
12	13	8	12	12	9	44	1	1	1	1	1	1	1
14	15	9	14	14	10	51	1	1	1	1	1	1	1
12	13	8	12	12	8	44	1	1	1	1	1	1	1
12	12	8	13	12	8	29	1	1	1	1	1	1	0
13	13	8	13	12	8	42	1	1	1	1	1	1	1
14	15	10	15	14	10	36	1	1	1	1	1	1	0
14	15	9	14	14	9	43	1	1	1	1	1	1	1
13	12	8	11	12	9	53	1	1	1	0	1	1	1
15	14	9	15	14	10	42	1	1	1	1	1	1	1
12	12	8	12	13	8	53	1	1	1	1	1	1	1
13	12	8	13	11	7	52	1	1	1	1	0	0	1
14	15	9	14	15	9	47	1	1	1	1	1	1	1
15	14	9	15	15	9	53	1	1	1	1	1	1	1
14	15	9	15	14	9	37	1	1	1	1	1	1	0
14	15	10	14	15	9	52	1	1	1	1	1	1	1
12	12	7	11	10	7	43	1	1	0	0	0	0	1
12	10	7	12	10	6	53	1	0	0	1	0	0	1
11	12	8	12	11	7	47	0	1	1	1	0	0	1
12	12	8	12	13	9	53	1	1	1	1	1	1	1
15	14	9	15	14	9	49	1	1	1	1	1	1	1
12	13	8	13	13	8	43	1	1	1	1	1	1	1
14	15	9	14	15	8	51	1	1	1	1	1	1	1
14	15	9	14	15	10	32	1	1	1	1	1	1	0
14	15	9	14	14	9	45	1	1	1	1	1	1	1
15	15	9	14	15	9	53	1	1	1	1	1	1	1
14	15	9	14	14	10	42	1	1	1	1	1	1	1
14	15	9	14	14	9	34	1	1	1	1	1	1	0
13	10	8	13	12	7	35	1	0	1	1	1	0	0
15	14	10	15	14	9	54	1	1	1	1	1	1	1
14	15	10	13	14	9	54	1	1	1	1	1	1	1
15	14	9	14	15	9	37	1	1	1	1	1	1	0
12	13	8	13	12	9	49	1	1	1	1	1	1	1
12	15	10	15	14	9	48	1	1	1	1	1	1	1
12	12	9	13	12	9	43	1	1	1	1	1	1	1
12	11	8	12	10	7	48	1	0	1	1	0	0	1
14	15	9	14	15	9	54	1	1	1	1	1	1	1
12	13	9	13	12	8	37	1	1	1	1	1	1	0
12	13	8	12	12	9	51	1	1	1	1	1	1	1
12	12	8	13	13	8	55	1	1	1	1	1	1	1
12	12	9	14	13	8	52	1	1	1	1	1	1	1
15	13	9	15	13	9	41	1	1	1	1	1	1	0
14	15	8	13	12	8	54	1	1	1	1	1	1	1
12	12	8	12	13	9	47	1	1	1	1	1	1	1
13	12	9	13	13	8	42	1	1	1	1	1	1	1
12	13	8	13	13	8	53	1	1	1	1	1	1	1
14	15	9	14	15	8	53	1	1	1	1	1	1	1
14	15	9	14	15	10	54	1	1	1	1	1	1	1
14	15	9	14	14	9	52	1	1	1	1	1	1	1
15	15	9	14	15	9	52	1	1	1	1	1	1	1
14	15	9	14	14	10	57	1	1	1	1	1	1	1
14	15	9	14	14	9	45	1	1	1	1	1	1	1
13	10	8	13	12	7	42	1	0	1	1	1	0	1
15	14	10	15	14	9	47	1	1	1	1	1	1	1
14	15	10	13	14	9	53	1	1	1	1	1	1	1
15	14	9	14	15	9	32	1	1	1	1	1	1	0
12	13	8	13	12	9	55	1	1	1	1	1	1	1



105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR

12	15	10	15	14	9	39	1	1	1	1	1	1	1	0
12	12	9	13	12	9	53	1	1	1	1	1	1	1	1
12	11	8	12	10	7	54	1	0	1	1	0	0	1	1
14	15	9	14	15	9	42	1	1	1	1	1	1	1	1
12	13	9	13	12	8	48	1	1	1	1	1	1	1	1
12	13	8	12	12	9	38	1	1	1	1	1	1	1	0
14	15	10	15	14	9	53	1	1	1	1	1	1	1	1
15	14	10	14	15	9	37	1	1	1	1	1	1	1	0
15	15	9	15	14	10	52	1	1	1	1	1	1	1	1
12	12	8	13	12	8	48	1	1	1	1	1	1	1	1
12	13	8	12	13	8	42	1	1	1	1	1	1	1	1
13	11	8	12	12	7	33	1	0	1	1	1	0	0	0
14	15	9	15	14	9	49	1	1	1	1	1	1	1	1
14	13	8	14	15	9	53	1	1	1	1	1	1	1	1
15	14	9	14	14	9	53	1	1	1	1	1	1	1	1
13	10	8	13	12	7	44	1	0	1	1	1	0	1	1

1	119	107	118	115	113	107	97
0	1	13	2	5	7	13	23
CO attn	0.99	0.89	0.98	0.96	0.94	0.89	0.81

Avg Attn	0.94
Attn Level	3

Avg Attn	0.81
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											3		
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.00	2.00	2.00	0	1.00	1.00	0	2.00	2.00	0	0	0	
Overall (Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	2.00	2.00	2.00	0.00	1.00	1.00	0.00	2.00	2.00	0.00	0.00	0.00	1.00

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.00	1.00	0	
Overall (Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	1.00	1.00	0.00	0.67



Attainment Details of Semester III



Mapping of CO with PO and PSO of Values & Ethics in Profession (Paper code: HU301)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	2	1	1	-	3	3	3	2	2	-	2
	CO2	-	3	3	3	2	3	3	3	2	2	-	3
	CO3	2	3	3	2	3	3	3	2	2	3	-	-
	CO4	1	2	2	2	-	3	3	3	2	2	3	-
	CO5	-	2	2	2	-	3	3	3	2	2	-	-
	CO6	3	2	2	2	-	3	3	3	2	2	-	3
	AVERAGE	2.25	2.33	2.17	2.00	2.50	3.00	3.00	3.00	2.00	2.00	3.00	2.67

Average =sum/ number of entry

Table 2		PSO1	PSO2	PSO3
	CO1	3	1	1
	CO2	-	1	1
	CO3	2	2	1
	CO4	1	3	1
	CO5	-	3	-
	CO6	3	3	-
	AVERAGE	2.25	2.17	1.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's												Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam	
					CA1/CA2/CA3/CA4						100	CO1	CO2	CO3	CO4	CO5		CO6							
					CO1	CO2	CO3	CO4	CO5	CO6															
					10	15	25	15	10	25															
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	8	13	21	12	8	20	75	1	1	1	1	1	1	1	1	1	1	1	1		
2	IT2017/121	11700217008	SUVAM PATRA	80%	7	11	20	11	8	20	75	0	0	1	0	1	1	1	1	1	1	1	1		
3	IT2017/089	11700217009	SUSNATA DAS	80%	7	10	20	13	7	20	75	0	0	1	1	0	1	1	1	1	1	1	1		
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	8	12	23	13	9	22	75	1	1	1	1	1	1	1	1	1	1	1	1	1	
5	IT2017/054	11700217012	SUPRATIM DAS	80%	8	13	21	13	9	22	65	1	1	1	1	1	1	1	1	1	1	1	1	1	
6	IT2017/053	11700217013	SUMEDHA SEN	80%	7	13	21	13	7	21	65	0	1	1	1	0	1	1	1	1	1	1	1	1	
7	IT2017/039	11700217014	SUMAN KAYAL	80%	8	14	23	15	8	24	65	1	1	1	1	1	1	1	1	1	1	1	1	1	
8	IT2017/067	11700217015	SUKANYA SAHA	80%	9	13	24	14	9	23	85	1	1	1	1	1	1	1	1	1	1	1	1	1	
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	9	12	18	12	10	19	85	1	1	0	1	1	1	0	1	1	1	1	1	1	
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	8	13	23	14	9	24	75	1	1	1	1	1	1	1	1	1	1	1	1	1	
11	IT2017/052	11700217018	SUBHANGEE	80%	7	14	23	13	10	23	75	0	1	1	1	1	1	1	1	1	1	1	1	1	
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	6	14	20	12	8	20	85	0	1	1	1	1	1	1	1	1	1	1	1	1	
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	7	13	20	12	8	20	75	0	1	1	1	1	1	1	1	1	1	1	1	1	
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	10	13	24	14	9	23	75	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	IT2017/094	11700217022	SRIJANI ROY	80%	9	12	20	13	10	21	75	1	1	1	1	1	1	1	1	1	1	1	1	1	
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	8	13	24	15	9	23	75	1	1	1	1	1	1	1	1	1	1	1	1	1	
17	IT2017/012	11700217024	SOURAV SHAW	80%	7	14	20	14	8	21	75	0	1	1	1	1	1	1	1	1	1	1	1	1	
18	IT2017/075	11700217025	SOURAV SARKAR	80%	10	13	24	15	9	24	75	1	1	1	1	1	1	1	1	1	1	1	1	1	
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	9	13	22	14	8	23	75	1	1	1	1	1	1	1	1	1	1	1	1	1	
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	9	12	20	13	7	21	75	1	1	1	1	1	0	1	1	1	1	1	1	1	
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	80%	8	15	23	15	9	24	65	1	1	1	1	1	1	1	1	1	1	1	1	1	
22	IT2017/063	11700217030	SONALI	80%	8	14	24	14	9	24	75	1	1	1	1	1	1	1	1	1	1	1	1	1	
23	IT2017/109	11700217031	SOMENATH RANA	80%	10	14	23	14	10	24	25	1	1	1	1	1	1	1	1	1	1	1	0	1	
24	IT2017/045	11700217032	SOHAM ROY	80%	9	14	22	14	8	23	85	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	10	13	23	13	8	23	75	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	9	12	21	13	8	22	75	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	8	13	22	14	9	23	75	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW	80%	9	12	21	12	10	22	75	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	10	12	22	14	8	22	75	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR	80%	9	14	23	13	10	24	65	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	9	13	23	13	9	23	75	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	8	14	23	13	9	22	75	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	9	14	23	14	10	23	65	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM	80%	8	15	24	15	9	25	75	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	9	13	22	12	9	3	65	1	1	1	1	1	1	1	0	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR	80%	10	15	25	15	10	25	75	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	9	14	24	14	9	23	75	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE	80%	9	12	20	11	10	21	75	1	1	1	0	1	1	1	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW	80%	8	11	20	13	7	21	65	1	0	1	1	0	1	0	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	80%	9	14	23	14	9	23	65	1	1	1	1	1	1	1	1	1	1	1	1	1	1



41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMEVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS

5	10	16	11	9	17	75	0	0	0	0	1	0	1	
7	9	18	10	8	21	65	0	0	0	0	1	1	1	
9	13	22	13	9	22	75	1	1	1	1	1	1	1	
8	14	21	12	9	23	75	1	1	1	1	1	1	1	
7	13	24	15	10	25	75	0	1	1	1	1	1	1	
6	12	24	15	9	25	45	0	1	1	1	1	1	0	
8	13	23	14	9	23	75	1	1	1	1	1	1	1	
7	7	16	11	10	18	75	0	0	0	0	1	0	1	
10	13	23	13	10	23	75	1	1	1	1	1	1	1	
9	13	21	13	9	22	75	1	1	1	1	1	1	1	
4	5	10	4	5	7	65	0	0	0	0	0	0	1	
8	14	23	13	10	23	75	1	1	1	1	1	1	1	
6	11	20	11	9	20	75	0	0	1	0	1	1	1	
6	14	24	14	9	24	65	0	1	1	1	1	1	1	
8	13	23	13	10	23	65	1	1	1	1	1	1	1	
5	12	20	14	6	20	75	0	1	1	1	0	1	1	
8	14	22	12	10	22	65	1	1	1	1	1	1	1	
8	12	20	12	8	21	65	1	1	1	1	1	1	1	
9	12	21	12	9	22	65	1	1	1	1	1	1	1	
9	12	22	13	8	23	55	1	1	1	1	1	1	0	
9	13	23	13	9	23	75	1	1	1	1	1	1	1	
9	14	23	13	8	24	65	1	1	1	1	1	1	1	
9	13	23	13	8	22	75	1	1	1	1	1	1	1	
8	13	21	11	9	22	75	1	1	1	0	1	1	1	
8	14	22	13	9	23	65	1	1	1	1	1	1	1	
10	12	20	13	8	21	75	1	1	1	1	1	1	1	
9	13	22	14	8	22	75	1	1	1	1	1	1	1	
6	12	21	13	8	21	75	0	1	1	1	1	1	1	
9	12	22	12	8	21	65	1	1	1	1	1	1	1	
9	11	20	12	9	20	75	1	0	1	1	1	1	1	
9	12	22	13	9	23	65	1	1	1	1	1	1	1	
9	11	20	12	9	21	65	1	0	1	1	1	1	1	
8	13	22	13	10	22	75	1	1	1	1	1	1	1	
9	14	23	13	10	23	75	1	1	1	1	1	1	1	
9	14	22	13	10	23	75	1	1	1	1	1	1	1	
9	12	20	13	6	20	55	1	1	1	1	0	1	0	
9	14	23	14	9	23	65	1	1	1	1	1	1	1	
9	13	24	14	10	24	65	1	1	1	1	1	1	1	
8	13	23	13	9	23	55	1	1	1	1	1	1	0	
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9	13	20	12	8	20	65	1	1	1	1	1	1	1	
9	13	22	13	8	22	65	1	1	1	1	1	1	1	
6	12	20	11	9	20	65	0	1	1	0	1	1	1	
8	13	20	12	9	21	75	1	1	1	1	1	1	1	
9	12	22	13	9	23	75	1	1	1	1	1	1	1	
7	13	20	13	7	21	75	0	1	1	1	0	1	1	
9	11	20	13	7	22	75	1	0	1	1	0	1	1	
9	13	22	13	9	23	75	1	1	1	1	1	1	1	
8	12	20	13	8	20	45	1	1	1	1	1	1	0	
7	13	22	14	9	21	85	0	1	1	1	1	1	1	
8	13	20	12	9	23	65	1	1	1	1	1	1	1	
9	13	22	14	9	23	65	1	1	1	1	1	1	1	
7	14	23	13	8	23	75	0	1	1	1	1	1	1	
7	13	20	12	9	20	85	0	1	1	1	1	1	1	
9	11	22	14	8	23	65	1	0	1	1	1	1	1	
6	11	14	11	7	22	75	0	0	0	0	0	1	1	
7	12	20	14	8	22	75	0	1	1	1	1	1	1	
7	12	21	14	7	20	75	0	1	1	1	0	1	1	
8	13	22	15	7	21	85	1	1	1	1	0	1	1	
8	13	21	14	8	22	85	1	1	1	1	1	1	1	
7	11	20	13	8	20	65	0	0	1	1	1	1	1	
6	10	22	10	7	20	55	0	0	0	1	0	0	1	0
8	11	20	11	9	22	75	1	0	1	0	1	1	1	
8	12	21	12	7	21	75	1	1	1	1	0	1	1	
7	11	20	10	7	22	65	0	0	0	1	0	0	1	1
8	10	20	11	6	23	65	1	0	1	0	0	1	1	
8	13	19	12	8	20	65	1	1	0	1	1	1	1	
8	11	18	14	8	20	65	1	0	0	1	1	1	1	
8	10	14	12	6	19	65	1	0	0	1	0	0	1	
8	9	15	11	8	18	65	1	0	0	0	1	0	1	
7	9	19	10	7	20	65	0	0	0	0	0	1	1	
7	8	20	12	8	18	65	0	0	0	1	1	0	1	
8	9	18	14	7	19	75	1	0	0	1	0	0	1	
8	10	18	12	8	21	75	1	0	0	1	1	1	1	



115	IT2017/116	11700217124	ADITYA KUMAR SINHA	8	9	16	13	6	16	55	1	0	0	1	0	0	0
116	IT2017/125	11700217125	ADITYA KUMAR JHA	7	11	18	11	8	18	65	0	0	0	0	1	0	1
117	IT2017/003	11700217126	ADITYA BHATTACHARYA	8	12	19	12	8	18	65	1	1	0	1	1	0	1
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI	8	14	22	13	8	19	75	1	1	1	1	1	0	1
119	IT2017/041	11700217128	ABHISHEK PAREEK	8	11	20	14	7	18	65	1	0	1	1	0	0	1
120	IT2017/086	11700217129	ABHISHEK KUMAR	9	10	20	11	7	18	65	1	0	1	0	0	0	1
121	IT2018/L01	11700218001	JOYEETA SAHA	8	11	19	10	8	19	65	1	0	0	0	1	0	1
122	IT2018/L02	11700218002	ABHISHEK DEY	6	10	19	9	5	16	55	0	0	0	0	0	0	0

1	90	91	104	102	99	105	113
0	32	31	18	20	23	17	9
CO attn	0.74	0.75	0.85	0.84	0.81	0.86	0.93

Avg Attn	0.81
Attn Level	3

Avg Attn	0.93
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											3		
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.25	2.33	2.17	2.00	2.50	3.00	3.00	3.00	2.00	2.00	3.00	2.67	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	2.25	2.33	2.17	2.00	2.50	3.00	3.00	3.00	2.00	2.00	3.00	2.67	2.49

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.25	2.17	1.00	
Overall(Direct) CO attainment level	3	3.0	3	
Attainment of PSO for this course	2.25	2.17	1.00	1.81

Mapping of CO with PO and PSO of Physics-2 (Paper code: PH301)													
Enter correlation levels 1, 2 or 3 as defined below :													
1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)													
Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	2	1	0	-	-	-	-	-	-	-	-
	CO2	1	3	2	0	-	-	-	-	-	-	-	-
	CO3	3	2	1	1	-	-	-	-	-	-	-	-
	CO4	1	3	2	1	-	-	-	-	-	-	-	-
	CO5	1	3	2	2	-	-	-	-	-	-	-	-
	CO6	0	1	3	2	-	-	-	-	-	-	-	-
	AVERAGE	1.50	2.33	1.83	1.00	0	0	0	0	0	0	0	0
Average =sum/ number of entry													

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	2	-
	CO2	2	1	-
	CO3	2	1	-
	CO4	2	2	-
	CO5	1	-	-
	CO6	-	-	-
	AVERAGE	2.00	1.50	0

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
SI No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam	
					CA1/CA2/CA3/CA4							100	CO1	CO2	CO3	CO4	CO5		CO6
					CO1	CO2	CO3	CO4	CO5	CO6									
					10	15	25	15	10	25									
					80%						55%	80%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		9	14	23	13	10	23	75	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		9	11	20	11	9	20	65	1	0	1	0	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		7	6	6	7	7	12	35	0	0	0	0	0	0	0	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	13	23	13	10	23	65	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		8	14	22	12	10	22	55	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		8	12	20	12	8	21	65	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		10	15	25	15	10	25	65	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		9	12	22	13	10	23	75	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		9	13	25	13	9	23	85	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		4	6	14	10	6	13	65	0	0	0	0	0	0	0	1
11	IT2017/052	11700217018	SUBHANGEE		9	13	23	13	8	22	65	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		8	13	25	14	9	22	85	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		10	15	24	14	9	24	65	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		8	14	22	13	9	23	75	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		10	15	25	15	10	25	55	1	1	1	1	1	1	1	1
16	IT2017/069	11700217023	SREYASHI KARMAKAR		9	13	22	14	8	22	65	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		8	12	21	13	8	21	75	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		9	12	22	12	8	21	95	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		9	14	22	12	9	23	85	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	12	22	13	9	23	85	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		5	5	9	6	6	14	45	0	0	0	0	0	0	0	0
22	IT2017/063	11700217030	SONALI		10	14	21	11	8	21	75	1	1	1	0	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		7	6	6	7	7	12	25	0	0	0	0	0	0	0	0
24	IT2017/045	11700217032	SOHAM ROY		10	15	23	14	10	23	95	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		9	9	20	12	8	22	55	1	0	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		8	10	20	12	9	23	65	1	0	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		9	10	21	13	8	19	55	1	0	1	1	1	1	0	1
28	IT2017/031	11700217036	SIMRAN SHAW		9	13	24	14	9	16	85	1	1	1	1	1	1	0	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		8	13	21	13	8	22	85	1	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		4	6	9	8	5	13	45	0	0	0	0	0	0	0	0
31	IT2017/050	11700217039	SHREYA SENGUPTA		10	10	21	11	8	21	55	1	0	1	0	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		4	5	8	7	7	14	45	0	0	0	0	0	0	0	0
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		5	4	7	8	8	13	45	0	0	0	0	1	0	0	0
34	IT2017/099	11700217042	SHIVAM		9	11	22	12	9	18	75	1	0	1	1	1	1	0	1
35	IT2017/097	11700217043	SHEIKH TABISH		6	11	19	12	9	23	75	0	0	0	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR		6	4	6	6	8	15	45	0	0	0	0	1	0	0	0
37	IT2017/009	11700217045	SAYANTAN BISWAS		5	5	6	8	6	15	45	0	0	0	0	0	0	0	0
38	IT2017/098	11700217046	SAYAN MUKHERJEE		7	6	6	7	7	12	35	0	0	0	0	0	0	0	0
39	IT2017/032	11700217047	SALINE SHAW		10	14	23	13	8	24	55	1	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		9	15	23	15	9	24	55	1	1	1	1	1	1	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA		14	13	25	14	10	25	95	1	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH		10	14	23	14	10	24	55	1	1	1	1	1	1	1	1
43	IT2017/017	11700217051	ROHAN SHAH		5	10	20	11	8	16	75	0	0	1	0	1	0	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY		10	13	23	13	8	23	75	1	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE		9	12	21	13	8	22	85	1	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		7	6	6	7	7	12	35	0	0	0	0	0	0	0	0
47	IT2017/002	11700217055	RIYA KIRTANIA		9	12	21	12	10	22	75	1	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA		10	12	22	14	8	22	55	1	1	1	1	1	1	1	1
49	IT2017/022	11700217057	RJA DEY		15	14	23	13	10	24	85	1	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		10	13	23	13	10	23	85	1	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL		8	14	23	13	9	22	65	1	1	1	1	1	1	1	1
52	IT2017/043	11700217060	RAVI KUMAR		10	14	23	14	10	23	55	1	1	1	1	1	1	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA		9	15	24	15	9	25	45	1	1	1	1	1	1	1	0
54	IT2017/107	11700217062	RAKESH KUMAR		7	6	6	7	7	12	35	0	0	0	0	0	0	0	0
55	IT2017/016	11700217063	RAJAT BISWAS		10	15	25	15	10	25	65	1	1	1	1	1	1	1	1
56	IT2017/046	11700217064	PRIYANSHU JHA		10	14	24	14	9	25	85	1	1	1	1	1	1	1	1
57	IT2017/114	11700217065	PRIYA SINHA		9	12	20	11	10	21	65	1	1	1	0	1	1	1	1
58	IT2017/049	11700217066	PREETAM GHOSH		8	11	20	14	10	24	75	1	0	1	1	1	1	1	1
59	IT2017/118	11700217067	PRATYAY RUDRA		10	14	23	14	9	23	65	1	1	1	1	1	1	1	1
60	IT2017/048	11700217068	PRASHANT KUMAR		9	11	21	12	8	20	55	1	0	1	1	1	1	1	1



61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/061	11700217074	NISHANT GAURAV
66	IT2017/057	11700217075	NILORMI DAS
67	IT2017/106	11700217076	NILANJAN DUTTA
68	IT2017/027	11700217077	NEHA PRIYADARSHNI
69	IT2017/047	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

10	14	22	14	8	17	85	1	1	1	1	1	0	1
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9	10	18	12	10	21	75	1	0	0	1	1	1	1
7	9	21	13	9	21	55	0	0	1	1	1	1	1
9	12	22	13	8	16	55	1	1	1	1	1	0	1
9	13	17	13	9	20	75	1	1	1	0	1	1	1
8	11	22	12	9	20	75	1	0	1	1	1	1	1
10	14	24	14	9	24	55	1	1	1	1	1	1	1
10	13	23	13	10	23	55	1	1	1	1	1	1	1
8	12	20	14	6	20	55	1	1	1	1	0	1	1
8	14	22	12	10	22	45	1	1	1	1	1	1	0
8	12	20	12	8	21	55	1	1	1	1	1	1	1
10	15	25	15	10	25	95	1	1	1	1	1	1	1
9	12	22	13	10	23	55	1	1	1	1	1	1	1
9	13	23	13	9	23	55	1	1	1	1	1	1	1
4	6	14	10	6	13	45	0	0	0	0	0	0	0
7	6	6	7	7	12	35	0	0	0	0	0	0	0
8	13	21	11	9	22	65	1	1	1	0	1	1	1
7	6	6	7	7	12	35	0	0	0	0	0	0	0
8	14	22	13	9	23	55	1	1	1	1	1	1	1
10	15	25	15	10	25	55	1	1	1	1	1	1	1
9	13	22	14	8	22	55	1	1	1	1	1	1	1
8	12	21	13	8	21	75	1	1	1	1	1	1	1
9	15	15	14	10	23	85	1	1	0	1	1	1	1
9	14	22	12	9	23	45	1	1	1	1	1	1	0
9	12	22	13	9	23	75	1	1	1	1	1	1	1
9	11	20	12	9	21	55	1	0	1	1	1	1	1
8	13	22	13	10	22	65	1	1	1	1	1	1	1
9	14	23	13	10	23	45	1	1	1	1	1	1	0
9	14	22	13	10	23	75	1	1	1	1	1	1	1
8	11	21	10	9	21	65	1	0	1	0	1	1	1
8	7	7	6	5	12	45	1	0	0	0	0	0	0
8	12	20	12	8	20	45	1	1	1	1	1	1	0
15	10	15	14	10	25	85	1	0	0	1	1	1	1
5	8	13	7	5	13	85	0	0	0	0	0	0	1
8	12	20	11	9	20	85	1	1	1	0	1	1	1
9	9	15	14	10	23	85	1	0	0	1	1	1	1
9	12	22	13	9	23	65	1	1	1	1	1	1	1
10	13	20	13	7	23	85	1	1	1	1	0	1	1
9	14	24	13	9	24	75	1	1	1	1	1	1	1
4	7	15	7	6	16	55	0	0	0	0	0	0	1
8	12	20	13	8	20	55	1	1	1	1	1	1	1
9	13	22	14	9	23	65	1	1	1	1	1	1	1
10	13	25	15	9	23	85	1	1	1	1	1	1	1
9	13	22	14	9	23	65	1	1	1	1	1	1	1
8	14	23	13	8	23	45	1	1	1	1	1	1	0
7	13	20	12	9	20	55	0	1	1	1	1	1	1
9	11	22	14	8	23	55	1	0	1	1	1	1	1
10	12	23	14	7	22	45	1	1	1	1	0	1	0
10	12	22	14	8	22	45	1	1	1	1	1	1	0
9	12	23	14	7	20	45	1	1	1	1	0	1	0
3	7	10	8	4	9	55	0	0	0	0	0	0	1
9	13	22	13	9	20	75	1	1	1	1	1	1	1
9	12	22	13	9	21	75	1	1	1	1	1	1	1
7	6	6	7	7	12	35	0	0	0	0	0	0	0
8	13	22	9	7	23	65	1	1	1	0	0	1	1
7	6	6	7	7	12	45	0	0	0	0	0	0	0
8	11	20	11	9	22	65	1	0	1	0	1	1	1
7	6	6	7	7	12	45	0	0	0	0	0	0	0
7	6	6	7	7	12	55	0	0	0	0	0	0	1
8	11	20	11	9	22	35	1	0	1	0	1	1	0
7	6	6	7	7	12	35	0	0	0	0	0	0	0

1	93	77	90	86	93	90	91
0	26	42	29	33	26	29	28
CO attn	0.77	0.64	0.74	0.71	0.77	0.74	0.75

Avg Attn	0.73
Attn Level	2

Avg Attn	0.75
Attn Level	2



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											2		
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	1.50	2.33	1.83	1.00	0	0	0	0	0	0	0	0	
Overall (Direct) CO attainment level	2	2	2	2	2	2	2	2	2	2	2	2	
Attainment of PO for this course	1.00	1.56	1.22	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.00	1.50	0	
Overall (Direct) CO attainment level	2	2	2	
Attainment of PSO for this course	1.33	1.00	0.00	0.78

Mapping of CO with PO and PSO of Basic Environmental Engineering & Elementary Biology (Paper code: CH-301)

Enter correlation levels 1, 2 or 3 as defined below :

1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	-	2	1	-	-	1	1	-	-	-	-	1
	CO2	-	2	1	-	-	1	1	-	-	-	-	1
	CO3	-	2	2	-	-	2	2	-	-	-	-	1
	CO4	-	2	1	-	-	1	1	-	-	-	-	1
	CO5	-	2	1	-	-	1	1	-	-	-	-	1
	CO6	-	1	1	-	-	1	1	-	-	-	-	1
	AVERAGE	0	1.83	1.17	0	0	1.17	1.17	0	0	0	0	1.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	1	-
	CO2	1	1	1
	CO3	1	1	-
	CO4	1	1	1
	CO5	1	1	1
	CO6	1	1	-
	AVERAGE	1.00	1.00	1.00

Attainment Level 1: 60% of students score more than 80% marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than 80% marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than 80% marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam	
					CA1/CA2/CA3/CA4							100	CO1	CO2	CO3	CO4	CO5		CO6
					CO1	CO2	CO3	CO4	CO5	CO6									
					10	15	25	15	10	25									
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	8	13	21	12	8	20	75	1	1	1	1	1	1	1	0
2	IT2017/121	11700217008	SUVAM PATRA	80%	7	11	20	11	8	20	85	0	0	1	0	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	7	10	20	13	7	20	75	0	0	1	1	0	1	0	0
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	8	12	23	13	9	22	95	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	8	13	21	13	9	22	65	1	1	1	1	1	1	1	0
6	IT2017/053	11700217013	SUMEDHA SEN	80%	7	13	21	13	7	21	85	0	1	1	1	0	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	8	14	23	15	8	24	85	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	9	13	24	14	9	23	95	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	9	12	18	12	10	19	65	1	1	0	1	1	0	0	0
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	8	13	23	14	9	24	85	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	7	14	23	13	10	23	95	0	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	6	14	20	12	8	20	95	0	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	7	13	20	12	8	20	85	0	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	10	13	24	14	9	23	85	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	9	12	20	13	10	21	85	1	1	1	1	1	1	1	1



16	IT2017/120	11700217023	SREYASHI KARMAKAR
17	IT2017/012	11700217024	SOURAV SHAW
18	IT2017/075	11700217025	SOURAV SARKAR
19	IT2017/064	11700217026	SOURAV SAMANTA
20	IT2017/069	11700217027	SOURAV JAISWAL
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE
22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR

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9	13	22	14	8	23	85	1	1	1	1	1	1	1	1
9	12	20	13	7	21	85	1	1	1	1	0	1	1	1
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8	14	23	13	9	22	95	1	1	1	1	1	1	1	1
9	14	23	14	10	23	75	1	1	1	1	1	1	1	0
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10	15	25	15	10	25	85	1	1	1	1	1	1	1	1
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8	11	20	13	7	21	85	1	0	1	1	0	1	1	1
9	14	23	14	9	23	85	1	1	1	1	1	1	1	1
5	10	16	11	9	17	95	0	0	0	0	0	1	0	1
7	9	18	10	8	21	85	0	0	0	0	0	1	1	1
9	13	22	13	9	22	95	1	1	1	1	1	1	1	1
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10	13	23	13	10	23	75	1	1	1	1	1	1	1	0
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9	13	22	14	8	22	85	1	1	1	1	1	1	1	1
6	12	21	13	8	21	85	0	1	1	1	1	1	1	1
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9	12	22	13	9	23	85	1	1	1	1	1	1	1	1
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9	12	20	13	6	20	75	1	1	1	1	0	1	1	0
9	14	23	14	9	23	75	1	1	1	1	1	1	1	0
9	13	24	14	10	24	85	1	1	1	1	1	1	1	1
8	13	23	13	9	23	75	1	1	1	1	1	1	1	0
8	12	20	12	8	20	85	1	1	1	1	1	1	1	1
9	13	20	12	8	20	85	1	1	1	1	1	1	1	1
9	13	22	13	8	22	85	1	1	1	1	1	1	1	1
6	12	20	11	9	20	85	0	1	1	0	1	1	1	1
8	13	20	12	9	21	85	1	1	1	1	1	1	1	1
9	12	22	13	9	23	85	1	1	1	1	1	1	1	1
7	13	20	13	7	21	65	0	1	1	1	0	1	0	0
9	11	20	13	7	22	85	1	0	1	1	0	1	1	1
9	13	22	13	9	23	85	1	1	1	1	1	1	1	1
8	12	20	13	8	20	75	1	1	1	1	1	1	1	0
7	13	22	14	9	21	75	0	1	1	1	1	1	1	0



91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

8	13	20	12	9	23	75	1	1	1	1	1	1	1	0
9	13	22	14	9	23	75	1	1	1	1	1	1	1	0
7	14	23	13	8	23	95	0	1	1	1	1	1	1	1
7	13	20	12	9	20	85	0	1	1	1	1	1	1	1
9	11	22	14	8	23	85	1	0	1	1	1	1	1	1
6	11	14	11	7	22	95	0	0	0	0	0	0	1	1
7	12	20	14	8	22	95	0	1	1	1	1	1	1	1
7	12	21	14	7	20	85	0	1	1	1	0	1	1	1
8	13	22	15	7	21	95	1	1	1	1	0	1	1	1
8	13	21	14	8	22	75	1	1	1	1	1	1	1	0
7	11	20	13	8	20	85	0	0	1	1	1	1	1	1
6	10	22	10	7	20	95	0	0	1	0	0	1	1	1
8	11	20	11	9	22	85	1	0	1	0	1	1	1	1
8	12	21	12	7	21	85	1	1	1	1	0	1	1	1
7	11	20	10	7	22	85	0	0	1	0	0	1	1	1
8	10	20	11	6	23	85	1	0	1	0	0	1	1	1
7	13	19	12	8	20	95	0	1	0	1	1	1	1	1
7	11	18	14	8	20	75	0	0	0	1	1	1	1	0
7	10	14	12	6	19	85	0	0	0	1	0	0	1	1
7	9	15	11	8	18	85	0	0	0	0	1	0	1	1
7	9	19	10	7	20	85	0	0	0	0	0	1	1	1
7	8	20	12	8	18	85	0	0	1	1	1	0	1	1
8	9	18	14	7	19	95	1	0	0	1	0	0	1	1
8	10	18	12	8	21	95	1	0	0	1	1	1	1	1
8	9	16	13	6	16	75	1	0	0	1	0	0	0	0
7	11	18	11	7	18	95	0	0	0	0	0	0	0	1
8	12	19	12	7	18	85	1	1	0	1	0	0	1	1
7	14	22	13	8	19	85	0	1	1	1	1	1	0	1
7	11	20	14	7	18	95	0	0	1	1	0	0	1	1
9	10	20	11	7	18	75	1	0	1	0	0	0	0	0
10	15	21	10	9	25	65	1	1	1	0	1	1	1	0
10	15	21	10	9	24	65	1	1	1	0	1	1	1	0

1	85	93	106	102	98	107	94
0	37	29	16	20	24	15	28
CO att	0.70	0.76	0.87	0.84	0.80	0.88	0.77

Avg Attn	0.81
Attn Level	3

Avg Attn	0.77
Attn Level	2

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											2.5		
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	0	1.83	1.17	0	0	1.17	1.17	0	0	0	0	1.00	
Overall(Direct) CO attainment level	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	
Attainment of PO for this course	0.00	1.53	0.97	0.00	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.83	0.44

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.00	1.00	1.00	
Overall(Direct) CO attainment level	2.50	2.50	2.50	
Attainment of PSO for this course	0.83	0.83	0.83	0.83



Mapping of CO with PO and PSO of Analog & Digital Electronics (Paper code: CS-301)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	1	1	1	-	2	2	3	2	3	-	2
	CO2	3	2	1	1	2	-	-	3	3	1	1	3
	CO3	3	2	3	1	1	-	-	2	3	2	2	2
	CO4	3	3	3	2	-	-	-	3	3	2	2	2
	CO5	3	2	1	1	3	-	-	2	3	1	2	2
	CO6	3	2	2	1	-	-	-	2	2	-	2	1
AVERAGE	3.00	2.00	1.83	1.17	2.00	2.00	2.50	2.67	1.80	1.80	2.00	2.00	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	3	2
	CO2	3	2	3
	CO3	3	2	3
	CO4	3	2	3
	CO5	3	2	2
	CO6	3	2	1
AVERAGE	3.00	2.17	2.33	

Attainment Level 1: 60% of students score more than 80% marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than 80% marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than 80% marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %							
					CA1/CA2/CA3/CA4							100	CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6									
					10	15	25	15	10	25									
					80%						50%	80%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		10	15	24	14	10	22	84	1	1	1	1	1	1	1	
2	IT2017/121	11700217008	SUVAM PATRA		9	13	23	14	10	21	67	1	1	1	1	1	1	1	
3	IT2017/089	11700217009	SUSNATA DAS		6	9	15	13	7	15	34	0	0	0	1	0	0	0	
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	14	25	15	10	25	69	1	1	1	1	1	1	1	
5	IT2017/054	11700217012	SUPRATIM DAS		9	14	21	14	9	21	53	1	1	1	1	1	1	1	
6	IT2017/053	11700217013	SUMEDHA SEN		9	14	22	15	8	21	78	1	1	1	1	1	1	1	
7	IT2017/039	11700217014	SUMAN KAYAL		8	13	21	12	9	22	64	1	1	1	1	1	1	1	
8	IT2017/067	11700217015	SUKANYA SAHA		8	14	22	13	9	23	89	1	1	1	1	1	1	1	
9	IT2017/081	11700217016	SUBHASHRI DAS		9	15	22	15	10	25	83	1	1	1	1	1	1	1	
10	IT2017/117	11700217017	SUBHANKAR NATH		10	15	20	15	9	23	85	1	1	1	1	1	1	1	
11	IT2017/052	11700217018	SUBHANGEE		9	12	21	11	9	23	75	1	1	1	0	1	1	1	
12	IT2017/021	11700217019	SUBARNA SARKAR		10	15	22	12	9	20	88	1	1	1	1	1	1	1	
13	IT2017/038	11700217020	SRIPARNA GIRI		8	12	25	15	10	18	56	1	1	1	1	1	0	1	
14	IT2017/011	11700217021	SRIJAYEE SAHA		8	12	20	12	8	23	45	1	1	1	1	1	1	0	
15	IT2017/094	11700217022	SRIJANI ROY		9	11	17	12	6	22	62	1	0	0	1	0	1	1	
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	13	15	13	7	20	76	1	1	0	1	0	1	1	
17	IT2017/012	11700217024	SOURAV SHAW		10	12	14	12	9	21	86	1	1	0	1	1	1	1	
18	IT2017/075	11700217025	SOURAV SARKAR		8	13	14	15	8	22	75	1	0	1	0	1	1	1	
19	IT2017/064	11700217026	SOURAV SAMANTA		7	13	14	12	8	23	65	0	1	0	1	1	1	1	
20	IT2017/069	11700217027	SOURAV JAISWAL		8	14	20	14	9	21	64	1	1	1	1	1	1	1	
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		8	13	21	13	7	20	54	1	1	1	1	0	1	1	
22	IT2017/063	11700217030	SONALI		9	14	14	13	8	21	62	1	1	0	1	1	1	1	
23	IT2017/109	11700217031	SOMENATH RANA		6	12	20	13	8	20	0	0	1	1	1	1	1	0	
24	IT2017/045	11700217032	SOHAM ROY		9	13	14	13	8	25	87	1	1	0	1	1	1	1	
25	IT2017/079	11700217033	SOHAM BANERJEE		7	14	22	12	8	20	53	0	1	1	1	1	1	1	
26	IT2017/044	11700217034	SNEHA DEEP		9	15	23	12	9	21	87	1	1	1	1	1	1	1	
27	IT2017/083	11700217035	SK ISHAN ALI		8	15	23	14	10	25	63	1	1	1	1	1	1	1	
28	IT2017/031	11700217036	SIMRAN SHAW		10	13	22	12	8	19	75	1	1	1	1	1	0	1	
29	IT2017/023	11700217037	SIMANTINI GHOSH		9	13	21	15	8	25	87	1	1	1	1	1	1	1	
30	IT2017/056	11700217038	SIDHU KUMAR		8	12	22	13	8	20	46	1	1	1	1	1	1	0	
31	IT2017/050	11700217039	SHREYA SENGUPTA		10	14	24	14	10	24	84	1	1	1	1	1	1	1	
32	IT2017/035	11700217040	SHIVANI KUMARI		8	14	21	15	9	18	43	1	1	1	1	1	0	0	
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		7	15	21	14	10	20	54	0	1	1	1	1	1	1	
34	IT2017/099	11700217042	SHIVAM		9	14	19	15	9	23	65	1	1	0	1	1	1	1	
35	IT2017/097	11700217043	SHEIKH TABISH		9	14	23	13	9	20	66	1	1	1	1	1	1	1	
36	IT2017/072	11700217044	SAYED AKHTAR		9	12	20	12	8	20	56	1	1	1	1	1	1	1	
37	IT2017/009	11700217045	SAYANTAN BISWAS		7	13	22	12	7	21	56	0	1	1	1	0	1	1	
38	IT2017/098	11700217046	SAYAN MUKHERJEE		8	11	20	13	7	23	43	1	0	1	1	0	1	0	
39	IT2017/032	11700217047	SALINE SHAW		8	12	21	15	7	24	47	1	1	1	1	0	1	0	
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		7	12	20	13	8	22	48	0	1	1	1	1	1	0	



41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMEVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA

8	14	21	15	10	21	78	1	1	1	1	1	1	1
7	10	20	12	7	21	33	0	0	1	1	0	1	0
8	11	22	12	9	20	69	1	0	1	1	1	1	1
9	12	24	14	9	22	58	1	1	1	1	1	1	1
8	13	23	10	7	22	69	1	1	1	1	0	0	1
7	11	17	14	8	20	35	0	0	0	1	1	1	0
9	13	23	12	10	21	62	1	1	1	1	1	1	1
9	12	20	14	10	21	68	1	1	1	1	1	1	1
10	14	23	15	10	25	75	1	1	1	1	1	1	1
8	12	22	13	8	21	77	1	1	1	1	1	1	1
6	11	15	11	8	22	57	0	0	0	0	1	1	1
9	12	20	13	8	21	67	1	1	1	1	1	1	1
8	14	22	14	10	24	54	1	1	1	1	1	1	1
6	10	16	12	6	22	32	0	0	0	1	0	1	0
7	12	21	12	9	20	48	0	1	1	1	1	1	0
8	15	22	12	8	20	78	1	1	1	1	1	1	1
7	10	22	13	6	23	48	0	0	1	1	0	1	0
9	11	22	13	9	20	67	1	0	1	1	1	1	1
8	15	23	14	9	20	65	1	1	1	1	1	1	1
6	11	20	12	6	17	37	0	0	1	1	0	0	0
9	13	19	14	9	20	79	1	1	0	1	1	1	1
6	13	21	13	8	20	33	0	1	1	1	1	1	0
9	15	23	13	10	22	87	1	1	1	1	1	1	1
6	10	19	13	8	23	36	0	0	0	1	1	1	0
9	12	21	13	9	21	58	1	1	1	1	1	1	1
9	13	23	13	9	23	55	1	1	1	1	1	1	1
7	12	23	13	7	18	45	0	1	1	1	0	0	0
7	11	21	11	7	20	44	0	0	1	0	0	1	0
6	12	21	13	8	20	42	0	1	1	1	1	1	0
8	15	24	15	8	23	58	1	1	1	1	1	1	1
6	11	17	10	8	17	37	0	0	0	0	1	0	0
8	12	23	13	9	19	53	1	1	1	1	1	0	1
9	14	18	12	8	20	77	1	1	0	1	1	1	1
7	14	23	12	7	23	48	0	1	1	1	0	1	0
8	10	17	9	7	18	35	1	0	0	0	0	0	0
7	12	17	13	7	18	33	0	1	0	1	0	0	0
8	12	19	15	7	19	47	1	1	0	1	0	0	0
9	12	21	14	8	23	75	1	1	1	1	1	1	1
6	13	22	13	7	20	34	0	1	1	1	0	1	0
8	12	21	14	7	22	69	1	1	1	1	0	1	1
7	12	20	11	8	20	54	0	1	1	0	1	1	1
6	11	20	12	7	20	36	0	0	1	1	0	1	0
8	13	25	12	8	21	55	1	1	1	1	1	1	1
8	15	21	15	8	22	57	1	1	1	1	1	1	1
9	12	23	13	8	23	54	1	1	1	1	1	1	1
8	13	24	13	8	25	58	1	1	1	1	1	1	1
7	14	25	11	8	25	43	0	1	1	0	1	1	0
7	11	22	11	9	21	58	0	0	1	0	1	1	1
6	12	21	12	8	20	38	0	1	1	1	1	1	0
9	12	21	12	9	23	63	1	1	1	1	1	1	1
9	14	23	13	8	24	55	1	1	1	1	1	1	1
8	13	21	10	8	21	66	1	1	1	0	1	1	1
8	13	22	12	7	21	53	1	1	1	1	0	1	1
10	15	22	14	10	23	85	1	1	1	1	1	1	1
7	12	23	12	7	18	68	0	1	1	1	0	0	1
7	14	25	14	8	25	88	0	1	1	1	1	1	1
8	13	25	15	7	21	84	1	1	1	1	0	1	1
7	12	22	12	8	21	47	0	1	1	1	1	1	0
8	13	23	12	8	23	86	1	1	1	1	1	1	1
10	14	25	15	10	25	94	1	1	1	1	1	1	1
7	11	18	12	7	21	48	0	0	0	1	0	1	0
6	10	21	11	7	18	33	0	0	1	0	0	0	0
7	11	17	10	6	20	36	0	0	0	0	0	1	0
8	11	21	14	9	21	57	1	0	1	1	1	1	1
8	12	22	12	8	22	53	1	1	1	1	1	1	1
9	12	22	11	8	20	48	1	1	1	0	1	1	0
8	13	23	13	8	20	56	1	1	1	1	1	1	1
8	12	21	12	7	23	57	1	1	1	1	0	1	1
7	10	18	12	7	19	33	0	0	0	1	0	0	0
7	10	16	11	8	20	35	0	0	0	0	1	1	0
6	10	19	10	7	21	36	0	0	0	0	0	1	0
6	12	22	12	7	19	37	0	1	1	1	0	0	0
8	13	19	12	8	18	57	1	1	0	1	1	0	1
9	13	22	14	9	22	73	1	1	1	1	1	1	1
7	12	18	11	8	17	33	0	1	0	0	1	0	0



116	IT2017/125	11700217125	ADITYA KUMAR JHA	7	10	19	12	8	19	35	0	0	0	1	1	0	0
117	IT2017/003	11700217126	ADITYA BHATTACHARYA	10	13	22	13	10	22	79	1	1	1	1	1	1	1
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI	8	12	23	12	10	23	68	1	1	1	1	1	1	1
119	IT2017/041	11700217128	ABHISHEK PAREEK	8	12	20	12	8	21	54	1	1	1	1	1	1	1
120	IT2017/086	11700217129	ABHISHEK KUMAR	7	11	18	11	7	19	34	0	0	0	0	0	0	0
121	IT2018/L01	11700218001	JOYEETA SAHA	7	10	21	10	7	20	47	0	0	1	0	0	1	0
122	IT2018/L02	11700218002	ABHISHEK DEY	7	12	22	12	7	21	45	0	1	1	1	0	1	0

1	79	95	94	104	88	103	80
0	43	27	28	18	34	19	42
CO att	0.65	0.78	0.77	0.85	0.72	0.84	0.66

Avg Attn	0.77
Attn Level	2

Avg Attn	0.66
Attn Level	1

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												1.5	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.00	1.83	1.17	2.00	2.00	2.00	2.50	2.67	1.80	1.80	2.00	
Overall(Direct) CO attainment level	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
Attainment of PO for this course	1.50	1.00	0.92	0.58	1.00	1.00	1.00	1.25	1.33	0.90	0.90	1.00	1.03

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.17	2.33	
Overall(Direct) CO attainment level	1.50	1.50	1.50	
Attainment of PSO for this course	1.50	1.08	1.17	1.25

Mapping of CO with PO and PSO of Data Structure and Algorithms (Paper code: CS302)

Enter correlation levels 1, 2 or 3 as defined below :
1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	1	2	-	-	-	-	-	-	-	-	2
	CO2	3	3	2	-	-	-	2	-	3	2	-	1
	CO3	3	2	2	-	3	-	1	-	-	1	-	-
	CO4	3	2	2	3	1	1	-	-	3	-	-	-
	CO5	3	2	2	2	2	2	1	3	1	-	-	-
	CO6	3	3	3	2	2	2	-	1	3	-	2	-
	AVERAGE	3.00	2.17	2.17	2.33	2.00	1.67	1.67	1.00	3.00	1.33	2.00	1.50

Average = Sum/ Number of entries

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	-	-	-
	CO2	2	-	3
	CO3	-	2	-
	CO4	-	2	-
	CO5	2	3	1
	CO6	3	-	1
AVERAGE	2.33	2.33	1.67	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Course Outcomes	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %							
					CA1/CA2/CA3/CA4							100							
					CO1	CO2	CO3	CO4	CO5	CO6			CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					10	15	25	15	10	25			60%						
1	11700217007	IT2017/013	VINAY KUMAR PODDAR	Target Level	60%	50%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%			
2	11700217008	IT2017/121	SUVAM PATRA		8	12	17	11	8	17	65	1	1	1	1	1	1	1	1
3	11700217009	IT2017/089	SUSNATA DAS		8	12	18	12	9	18	65	1	1	1	1	1	1	1	1
4	11700217010	IT2017/015	SURYAPRATIM RAY		5	7	10	6	6	10	35	0	0	0	0	1	0	0	0
5	11700217012	IT2017/054	SUPRATIM DAS		7	9	16	10	7	16	55	1	1	1	1	1	1	1	1
					8	10	15	10	8	15	55	1	1	1	1	1	1	1	1



6	11700217013	IT2017/053	SUMEDHA SEN
7	11700217014	IT2017/039	SUMAN KAYAL
8	11700217015	IT2017/067	SUKANYA SAHA
9	11700217016	IT2017/081	SUBHASHRI DAS
10	11700217017	IT2017/117	SUBHANKAR NATH
11	11700217018	IT2017/052	SUBHANGEE
12	11700217019	IT2017/021	SUBARNA SARKAR
13	11700217020	IT2017/038	SRIPARNA GIRI
14	11700217021	IT2017/011	SRIJAYEE SAHA
15	11700217022	IT2017/094	SRIJANI ROY
16	11700217023	IT2017/120	SREYASHI KARMAKAR
17	11700217024	IT2017/012	SOURAV SHAW
18	11700217025	IT2017/075	SOURAV SARKAR
19	11700217026	IT2017/064	SOURAV SAMANTA
20	11700217027	IT2017/069	SOURAV JAISWAL
21	11700217029	IT2017/008	SOUMYADEEP MUKHERJEE
22	11700217030	IT2017/063	SONALI
23	11700217031	IT2017/109	SOMENATH RANA
24	11700217032	IT2017/045	SOHAM ROY
25	11700217033	IT2017/079	SOHAM BANERJEE
26	11700217034	IT2017/044	SNEHA DEEP
27	11700217035	IT2017/083	SK ISHAN ALI
28	11700217036	IT2017/031	SIMRAN SHAW
29	11700217037	IT2017/023	SIMANTINI GHOSH
30	11700217038	IT2017/056	SIDHU KUMAR
31	11700217039	IT2017/050	SHREYA SENGUPTA
32	11700217040	IT2017/035	SHIVANI KUMARI
33	11700217041	IT2017/087	SHIVAM KUMAR SINGH
34	11700217042	IT2017/099	SHIVAM
35	11700217043	IT2017/097	SHEIKH TABISH
36	11700217044	IT2017/072	SAYED AKHTAR
37	11700217045	IT2017/009	SAYANTAN BISWAS
38	11700217046	IT2017/098	SAYAN MUKHERJEE
39	11700217047	IT2017/032	SALINE SHAW
40	11700217048	IT2017/078	SAKSHI KUTRIYAR
41	11700217049	IT2017/065	SAIMANTI LAHA
42	11700217050	IT2017/105	SAHIL PRAKASH
43	11700217051	IT2017/017	ROHAN SHAH
44	11700217052	IT2017/058	ROHAN KUMAR ROY
45	11700217053	IT2017/010	ROHAN BANERJEE
46	11700217054	IT2017/030	RIZWAN ANSARI
47	11700217055	IT2017/002	RIYA KIRTANIA
48	11700217056	IT2017/110	RITAYAN DHARA
49	11700217057	IT2017/022	RIJA DEY
50	11700217058	IT2017/040	REEMA HAZRA
51	11700217059	IT2017/123	RAYA PAUL
52	11700217060	IT2017/043	RAVI KUMAR
53	11700217061	IT2017/070	RAUNAK GUPTA
54	11700217062	IT2017/107	RAKESH KUMAR
55	11700217063	IT2017/016	RAJAT BISWAS
56	11700217064	IT2017/046	PRİYANSHU JHA
57	11700217065	IT2017/114	PRIYA SINHA
58	11700217066	IT2017/049	PREETAM GHOSH
59	11700217067	IT2017/118	PRATYAY RUDRA
60	11700217068	IT2017/048	PRASHANT KUMAR
61	11700217069	IT2017/113	PRAPTY CHANDA
62	11700217070	IT2017/112	PRAGATI KUMARI
63	11700217071	IT2017/071	POULOMI SEN
64	11700217072	IT2017/033	PIYUSH KUMAR
65	11700217074	IT2017/057	NISHANT GAURAV
66	11700217075	IT2017/106	NILORMI DAS
67	11700217076	IT2017/027	NILANJAN DUTTA
68	11700217077	IT2017/047	NEHA PRIYADARSHNI
69	11700217078	IT2017/095	NATASHA CHANDA
70	11700217079	IT2017/007	NADEEM RAZA KHAN
71	11700217080	IT2017/108	MUKESH KUMAR
72	11700217081	IT2017/119	MOHAMMED ARSALAN
73	11700217082	IT2017/077	MD TAHIR
74	11700217083	IT2017/076	MD NOORAIN
75	11700217084	IT2017/074	MD JAVED AKHTAR
76	11700217085	IT2017/084	MD DANISHULLAH
77	11700217086	IT2017/029	MANAB MALAKAR
78	11700217087	IT2017/034	MADHUMITA GAYEN
79	11700217088	IT2017/082	KUMAR ROHAN
80	11700217089	IT2017/037	KARMVEER KUMAR THAKUR

9	11	18	12	9	17	65	1	1	1	1	1	1	1	1
9	13	21	13	9	20	75	1	1	1	1	1	1	1	1
8	11	17	12	9	18	65	1	1	1	1	1	1	1	1
9	12	20	12	10	20	75	1	1	1	1	1	1	1	1
10	13	20	12	10	20	75	1	1	1	1	1	1	1	1
9	11	18	11	9	17	65	1	1	1	1	1	1	1	1
8	12	18	11	8	17	65	1	1	1	1	1	1	1	1
9	12	17	12	8	17	65	1	1	1	1	1	1	1	1
9	12	17	11	9	18	65	1	1	1	1	1	1	1	1
7	9	12	8	7	12	45	1	1	0	0	1	0	0	0
7	10	15	10	8	16	55	1	1	1	1	1	1	1	1
9	13	21	12	10	20	75	1	1	1	1	1	1	1	1
8	11	18	11	8	18	65	1	1	1	1	1	1	1	1
9	11	17	12	9	17	65	1	1	1	1	1	1	1	1
10	13	20	13	9	20	75	1	1	1	1	1	1	1	1
7	9	16	10	7	16	55	1	1	1	1	1	1	1	1
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6	6	10	6	5	10	35	1	0	0	0	0	0	0	0
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8	11	17	11	8	18	65	1	1	1	1	1	1	1	1
8	12	17	11	8	18	65	1	1	1	1	1	1	1	1
7	8	13	8	7	13	45	1	0	0	0	1	0	0	0
8	12	18	11	8	18	65	1	1	1	1	1	1	1	1
8	11	17	12	9	17	65	1	1	1	1	1	1	1	1
8	9	16	10	7	16	55	1	1	1	1	1	1	1	1
9	12	18	12	8	18	65	1	1	1	1	1	1	1	1
8	10	16	10	8	16	55	1	1	1	1	1	1	1	1
7	8	13	8	7	13	45	1	0	0	0	1	0	0	0
7	10	16	9	8	16	55	1	1	1	1	1	1	1	1
8	10	15	10	7	15	55	1	1	1	1	1	1	1	1
7	9	12	9	7	12	45	1	1	0	1	1	0	0	0
7	10	16	10	8	16	55	1	1	1	1	1	1	1	1
8	9	16	10	7	15	55	1	1	1	1	1	1	1	1
7	10	16	10	8	15	55	1	1	1	1	1	1	1	1
8	10	16	9	7	15	55	1	1	1	1	1	1	1	1
9	12	20	12	9	21	75	1	1	1	1	1	1	1	1
7	9	13	8	6	12	45	1	1	0	0	1	0	0	0
8	9	16	10	8	16	55	1	1	1	1	1	1	1	1
9	11	17	11	8	17	65	1	1	1	1	1	1	1	1
7	10	15	10	8	16	55	1	1	1	1	1	1	1	1
7	9	13	9	6	13	45	1	1	0	1	1	0	0	0
9	12	18	11	9	18	65	1	1	1	1	1	1	1	1
8	11	18	12	8	17	65	1	1	1	1	1	1	1	1
9	12	20	12	9	20	75	1	1	1	1	1	1	1	1
8	11	17	11	9	17	65	1	1	1	1	1	1	1	1
8	9	15	9	8	15	55	1	1	1	1	1	1	1	1
8	10	16	9	7	15	55	1	1	1	1	1	1	1	1
8	12	17	12	8	17	65	1	1	1	1	1	1	1	1
7	8	12	8	7	12	45	1	0	0	0	1	0	0	0
9	11	17	12	8	18	65	1	1	1	1	1	1	1	1
8	11	18	11	8	17	65	1	1	1	1	1	1	1	1
7	10	15	9	8	16	55	1	1	1	1	1	1	1	1
8	12	17	11	9	17	65	1	1	1	1	1	1	1	1
10	12	20	12	10	20	75	1	1	1	1	1	1	1	1
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9	11	18	11	8	18	65	1	1	1	1	1	1	1	1
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9	12	20	12	10	20	75	1	1	1	1	1	1	1	1
7	10	16	10	8	15	55	1	1	1	1	1	1	1	1
6	8	13	9	7	12	45	1	0	0	1	1	0	0	0
6	7	10	6	6	11	35	1	0	0	0	1	0	0	0
7	9	12	8	7	12	45	1	1	0	0	1	0	0	0
7	9	15	10	7	15	55	1	1	1	1	1	1	1	1
5	7	11	6	5	10	35	0	0	0	0	0	0	0	0
7	8	12	8	6	12	45	1	0	0	0	1	0	0	0



81	11700217090	IT2017/004	KANKANA SAHA
82	11700217091	IT2017/100	IMRAN ALAM
83	11700217092	IT2017/018	HARSHIT BAISHKIYAR
84	11700217093	IT2017/036	GOURAV BHATTACHARJEE
85	11700217094	IT2017/073	GOURAB TALUKDAR
86	11700217095	IT2017/104	DISHANI KAR
87	11700217096	IT2017/055	DIPANJANA GHOSH
88	11700217097	IT2017/122	DEVASHREE MAHATO
89	11700217098	IT2017/024	DAIPAYAN KHAMARU
90	11700217099	IT2017/066	BISWADEEP SARKAR
91	11700217100	IT2017/091	BICKY KUMAR
92	11700217101	IT2017/090	BARNIK PODDER
93	11700217102	IT2017/026	ATINDRA KUMAR SINGH
94	11700217103	IT2017/020	ASMITA GHOSH
95	11700217104	IT2017/025	ARUNAVA GHOSH
96	11700217105	IT2017/051	ARUNARKA MUKHOPADHYAY
97	11700217106	IT2017/059	ARNAB DALAL
98	11700217107	IT2017/103	ARKA MONDAL
99	11700217108	IT2017/068	ANUSHREE JAIN
100	11700217109	IT2017/001	ANTU KUNDU
101	11700217110	IT2017/092	ANTARA PAUL
102	11700217111	IT2017/042	ANKUR SARKAR
103	11700217112	IT2017/080	ANKUR KUMAR
104	11700217113	IT2017/101	ANKITA SINGH
105	11700217114	IT2017/028	ANKIT SHARMA
106	11700217115	IT2017/006	ANKIT PRAMANIK
107	11700217116	IT2017/060	ANKIT KUMAR JHA
108	11700217117	IT2017/093	ANIKET MAJUMDAR
109	11700217118	IT2017/115	ANIKET ARORA
110	11700217119	IT2017/085	AMAN KUMAR VERMA
111	11700217120	IT2017/088	AMAN KUMAR
112	11700217121	IT2017/124	AMAN JHA
113	11700217122	IT2017/102	AKRITI
114	11700217123	IT2017/019	ADRIJA DAS
115	11700217124	IT2017/116	ADITYA KUMAR SINHA
116	11700217125	IT2017/125	ADITYA KUMAR JHA
117	11700217126	IT2017/003	ADITYA BHATTACHARYA
118	11700217127	IT2017/014	ADEL ABBAS SIDDIQUI
119	11700217128	IT2017/041	ABHISHEK PAREEK
120	11700217129	IT2017/086	ABHISHEK KUMAR
121	11700218001	IT2018/L01	JOYEETA SAHA
122	11700218002	IT2018/L02	ABHISHEK DEY

6	9	12	9	7	13	45	1	1	0	1	1	0	0
7	9	12	8	6	13	45	1	1	0	0	1	0	0
7	10	16	10	8	16	55	1	1	1	1	1	1	1
8	11	17	11	9	18	65	1	1	1	1	1	1	1
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10	12	21	13	9	20	75	1	1	1	1	1	1	1
6	8	12	9	6	13	45	1	0	0	1	1	0	0
7	9	16	9	8	16	55	1	1	1	1	1	1	1
5	6	11	6	6	11	35	0	0	0	0	1	0	0
9	13	21	13	9	21	75	1	1	1	1	1	1	1
9	12	18	11	9	18	65	1	1	1	1	1	1	1
6	7	10	7	6	10	35	1	0	0	0	1	0	0
7	9	12	8	7	13	45	1	1	0	0	1	0	0
8	11	17	12	8	17	65	1	1	1	1	1	1	1
8	12	18	12	8	17	65	1	1	1	1	1	1	1
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9	12	20	12	9	20	75	1	1	1	1	1	1	1
9	12	21	12	9	20	75	1	1	1	1	1	1	1
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7	10	16	9	8	15	55	1	1	1	1	1	1	1
7	9	13	8	7	12	45	1	1	0	0	1	0	0
6	8	13	8	7	13	45	1	0	0	0	1	0	0
8	10	16	10	7	16	55	1	1	1	1	1	1	1
6	6	10	7	6	11	35	1	0	0	0	1	0	0
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9	12	18	11	8	18	65	1	1	1	1	1	1	1
6	9	13	9	6	13	45	1	1	0	1	1	0	0
8	10	16	9	8	16	55	1	1	1	1	1	1	1
7	9	12	8	6	12	45	1	1	0	0	1	0	0
7	9	12	9	7	13	45	1	1	0	1	1	0	0
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6	8	13	9	6	13	45	1	0	0	1	1	0	0
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10	14	23	15	10	23	85	1	1	1	1	1	1	1
10	15	25	15	10	25	95	1	1	1	1	1	1	1
10	13	20	13	9	21	75	1	1	1	1	1	1	1
8	9	15	10	8	16	55	1	1	1	1	1	1	1
7	8	12	8	7	13	45	1	0	0	0	1	0	0
6	8	13	8	6	12	45	1	0	0	0	1	0	0

1	118	104	92	100	119	92	92
0	4	18	30	22	3	30	30
CO attn	0.97	0.85	0.75	0.82	0.98	0.75	0.75

Avg Attn	0.85
Attn Level	3

Avg Attn	0.75
Attn Level	2

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												2.5	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.17	2.17	2.33	2.00	1.67	1.67	1.00	3.00	1.33	2.00	1.50	
Overall (Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Attainment of PO for this course	2.50	1.81	1.81	1.94	1.67	1.39	1.39	0.83	2.50	1.11	1.67	1.25	1.66

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.33	2.33	1.67	
Overall (Direct) CO attainment level	2.50	2.50	2.50	
Attainment of PSO for this course	1.94	1.94	1.39	1.76

Mapping of CO with PO and PSO of Computer Organization (Paper code: CS 303)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
	CO1	3	1	1	1	-	-	-	-	-	-	-	-	1
	CO2	3	3	2	2	1	-	-	-	-	-	-	-	1
	CO3	3	2	3	2	1	-	-	-	-	-	-	-	1
	CO4	3	3	2	1	-	-	-	-	-	-	-	-	1
	CO5	3	2	1	1	-	-	-	-	-	-	-	-	1
	CO6	3	2	2	1	-	-	-	-	-	-	-	-	1
AVERAGE	3.00	2.17	1.83	1.33	1.00	0	0	0	0	0	0	0	1.00	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	2	1
	CO2	3	2	1
	CO3	3	2	2
	CO4	3	1	1
	CO5	3	1	1
	CO6	3	1	1
AVERAGE	3.00	1.50	1.17	

Attainment Level 1: 60% of students score more than target level marks out of maximum relevant marks.
 Attainment Level 2: 50% of students score more than target level marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than target level marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's												CO Attainment in Univ Exam		
					Course Outcomes	CA1/CA2/CA3/CA4						Univ. Exam	Course Outcome Attainment with target in %						
						CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4		CO5	CO6
						10	15	10	15	25	25		100	CO1	CO2	CO3		CO4	CO5
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	10	14	11	13	24	23	75	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	10	14	11	13	24	23	65	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	9	13	10	11	22	21	45	1	1	1	0	1	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	10	15	11	13	25	24	65	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	9	14	10	12	23	22	55	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	10	15	11	13	25	24	65	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	9	14	10	12	23	22	65	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	10	14	11	13	24	23	65	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	10	14	11	13	24	23	75	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	10	14	11	13	24	23	65	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	10	15	11	13	25	24	55	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	10	15	11	13	25	24	75	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	10	14	11	13	24	23	65	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	9	14	10	12	23	22	55	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	9	14	10	12	23	22	55	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	10	14	11	13	24	23	75	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	10	14	11	13	24	23	75	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	10	15	11	13	25	24	65	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	10	14	11	13	24	23	65	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	10	15	11	13	25	24	75	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	80%	8	12	9	10	20	19	55	1	1	1	0	1	0	1	0
22	IT2017/063	11700217030	SONALI	80%	9	14	10	12	23	22	65	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA	80%	3	5	4	3	8	15	25	0	0	0	0	0	0	0	0
24	IT2017/045	11700217032	SOHAM ROY	80%	9	14	10	12	23	22	75	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	10	14	11	13	24	23	55	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	10	14	11	13	24	23	55	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	9	14	10	12	23	22	65	1	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW	80%	9	13	10	11	22	21	65	1	1	1	0	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	9	13	10	11	22	21	65	1	1	1	0	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR	80%	9	14	10	12	23	22	45	1	1	1	1	1	1	1	0
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	10	14	11	13	24	23	55	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	9	14	10	12	23	22	55	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	9	13	10	11	22	21	55	1	1	1	0	1	1	1	1
34	IT2017/099	11700217042	SHIVAM	80%	10	14	11	13	24	23	65	1	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	10	14	11	13	24	23	75	1	1	1	1	1	1	1	1



109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

10	14	11	13	24	23	55	1	1	1	1	1	1	1	1
9	13	10	11	22	21	45	1	1	1	1	0	1	1	0
10	14	11	13	24	23	55	1	1	1	1	1	1	1	1
9	14	10	12	23	22	55	1	1	1	1	1	1	1	1
10	14	11	13	24	23	65	1	1	1	1	1	1	1	1
9	14	10	12	23	22	75	1	1	1	1	1	1	1	1
10	15	11	13	25	24	45	1	1	1	1	1	1	1	0
10	14	11	13	24	23	55	1	1	1	1	1	1	1	1
10	14	11	13	24	23	55	1	1	1	1	1	1	1	1
10	14	11	13	24	23	75	1	1	1	1	1	1	1	1
10	14	11	13	24	23	55	1	1	1	1	1	1	1	1
9	14	10	12	23	22	45	1	1	1	1	1	1	1	0
9	14	10	12	23	22	45	1	1	1	1	1	1	1	0
10	14	11	13	24	23	45	1	1	1	1	1	1	1	0

1	121	121	121	101	121	119	96
0	1	1	1	21	1	3	26
CO attn	0.99	0.99	0.99	0.83	0.99	0.98	0.79

Avg Attn	0.96
Attn Level	3

Avg Attn	0.79
Attn Level	2

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Overall CO attainment level											2.5		
Overall PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.17	1.83	1.33	1.00	0	0	0	0	0	0	1.00	
Overall (Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Attainment of PO for this course	2.50	1.81	1.53	1.11	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.72

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	1.50	1.17	
Overall (Direct) CO attainment level	2.5	2.5	2.5	
Attainment of PSO for this course	2.5	1.25	0.97	1.88

Mapping of CO with PO and PSO of Physics-2 (Paper code: PH391)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	2	1	1	-	-	-	-	-	-	-	-
	CO2	3	2	1	-	-	-	-	-	-	-	-	-
	CO3	3	2	1	-	-	-	-	-	-	-	-	-
	CO4	3	2	1	-	-	-	-	-	-	-	-	-
	CO5	3	1	1	1	-	-	-	-	-	-	-	-
	CO6	3	1	1	1	-	-	-	-	-	-	-	-
	AVERAGE	3.00	1.67	1.00	1.00	0	0	0	0	0	0	0	0

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	2	-
	CO2	2	1	-
	CO3	2	1	-
	CO4	2	2	-
	CO5	1	-	-
	CO6	-	-	-
	AVERAGE	2.00	1.50	0

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																					
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam			
					Course Outcomes			Marks Distribution				Course Outcome Attainment with target in %									
								CO1	CO2	CO3		CO4	CO5	CO6	CO1	CO2	CO3		CO4	CO5	CO6
					CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4	CO5	CO6				
					15	15	10	15	15	10	60										
					80%						70%	80%									
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		14	14	10	14	15	10	52	1	1	1	1	1	1				
2	IT2017/121	11700217008	SUVAM PATRA		15	15	10	15	15	10	57	1	1	1	1	1	1				
3	IT2017/089	11700217009	SUSNATA DAS		12	13	9	14	13	9	39	1	1	1	1	1	0				
4	IT2017/015	11700217010	SURYAPRATIM RAY		15	15	10	15	15	10	56	1	1	1	1	1	1				
5	IT2017/054	11700217012	SUPRATIM DAS		15	14	10	15	14	9	47	1	1	1	1	1	1				
6	IT2017/053	11700217013	SUMEDHA SEN		15	15	10	15	15	10	56	1	1	1	1	1	1				
7	IT2017/039	11700217014	SUMAN KAYAL		14	14	10	14	15	10	48	1	1	1	1	1	1				
8	IT2017/067	11700217015	SUKANYA SAHA		15	15	10	15	15	10	56	1	1	1	1	1	1				
9	IT2017/081	11700217016	SUBHASHRI DAS		15	15	10	15	15	10	56	1	1	1	1	1	1				
10	IT2017/117	11700217017	SUBHANKAR NATH		15	15	10	15	15	10	56	1	1	1	1	1	1				
11	IT2017/052	11700217018	SUBHANGEE		15	15	10	15	15	10	56	1	1	1	1	1	1				
12	IT2017/021	11700217019	SUBARNA SARKAR		15	14	9	15	14	9	56	1	1	1	1	1	1				
13	IT2017/038	11700217020	SRIPARNA GIRI		9	11	8	11	7	8	56	0	0	1	0	0	1				
14	IT2017/011	11700217021	SRIJAYEE SAHA		15	14	10	14	15	9	56	1	1	1	1	1	1				
15	IT2017/094	11700217022	SRIJANI ROY		14	15	10	15	14	9	48	1	1	1	1	1	1				
16	IT2017/120	11700217023	SREYASHI KARMAKAR		15	15	9	14	15	9	56	1	1	1	1	1	1				
17	IT2017/012	11700217024	SOURAV SHAW		15	14	9	15	14	8	56	1	1	1	1	1	1				
18	IT2017/075	11700217025	SOURAV SARKAR		5	8	8	11	10	7	56	0	0	1	0	0	1				
19	IT2017/064	11700217026	SOURAV SAMANTA		14	15	9	14	15	9	57	1	1	1	1	1	1				
20	IT2017/069	11700217027	SOURAV JAISWAL		14	15	8	15	14	8	56	1	1	1	1	1	1				
21	IT2017/008	11700217029	SOUAMYADEEP MUKHERJEE		13	12	8	12	13	8	40	1	1	1	1	1	0				
22	IT2017/063	11700217030	SONALI		14	15	9	15	14	9	46	1	1	1	1	1	1				
23	IT2017/109	11700217031	SOMENATH RANA		0	0	0	0	0	0	15	0	0	0	0	0	0				
24	IT2017/045	11700217032	SOHAM ROY		15	15	10	15	15	10	56	1	1	1	1	1	1				
25	IT2017/079	11700217033	SOHAM BANERJEE		14	14	10	14	15	10	47	1	1	1	1	1	1				
26	IT2017/044	11700217034	SNEHA DEEP		14	14	10	14	15	10	48	1	1	1	1	1	1				
27	IT2017/083	11700217035	SK ISHAN ALI		14	14	10	14	15	10	46	1	1	1	1	1	1				
28	IT2017/031	11700217036	SIMRAN SHAW		15	15	10	15	15	10	56	1	1	1	1	1	1				
29	IT2017/023	11700217037	SIMANTINI GHOSH		14	14	10	14	15	10	46	1	1	1	1	1	1				
30	IT2017/056	11700217038	SIDHU KUMAR		12	13	9	14	13	9	38	1	1	1	1	1	0				
31	IT2017/050	11700217039	SHREYA SENGUPTA		15	15	10	15	15	10	56	1	1	1	1	1	1				
32	IT2017/035	11700217040	SHIVANI KUMARI		12	13	9	14	13	9	36	1	1	1	1	1	0				
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		12	13	9	14	13	9	36	1	1	1	1	1	0				
34	IT2017/099	11700217042	SHIVAM		15	15	10	15	15	10	56	1	1	1	1	1	1				
35	IT2017/097	11700217043	SHEIKH TABISH		14	14	10	14	15	10	46	1	1	1	1	1	1				
36	IT2017/072	11700217044	SAYED AKHTAR		14	14	10	14	15	10	46	1	1	1	1	1	1				
37	IT2017/009	11700217045	SAYANTAN BISWAS		14	14	10	14	15	10	46	1	1	1	1	1	1				
38	IT2017/098	11700217046	SAYAN MUKHERJEE		14	14	10	14	15	10	46	1	1	1	1	1	1				
39	IT2017/032	11700217047	SALINE SHAW		14	14	10	14	15	10	46	1	1	1	1	1	1				
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		14	12	8	13	13	10	36	1	1	1	1	1	0				
41	IT2017/065	11700217049	SAIMANTI LAHA		15	15	10	15	15	10	56	1	1	1	1	1	1				
42	IT2017/105	11700217050	SAHIL PRAKASH		14	14	10	14	15	10	47	1	1	1	1	1	1				
43	IT2017/017	11700217051	ROHAN SHAH		15	15	10	15	15	10	56	1	1	1	1	1	1				
44	IT2017/058	11700217052	ROHAN KUMAR ROY		15	14	10	15	14	9	48	1	1	1	1	1	1				
45	IT2017/010	11700217053	ROHAN BANERJEE		15	15	10	15	15	10	56	1	1	1	1	1	1				
46	IT2017/030	11700217054	RIZWAN ANSARI		13	11	7	13	13	8	29	1	0	0	1	1	0				
47	IT2017/002	11700217055	RIYA KIRTANIA		15	15	10	15	15	10	56	1	1	1	1	1	1				
48	IT2017/110	11700217056	RITAYAN DHARA		15	14	10	15	14	9	48	1	1	1	1	1	1				
49	IT2017/022	11700217057	RIFA DEY		15	14	10	15	14	9	49	1	1	1	1	1	1				
50	IT2017/040	11700217058	REEMA HAZRA		15	14	8	14	15	10	57	1	1	1	1	1	1				
51	IT2017/123	11700217059	RAYA PAUL		9	12	7	9	8	7	46	0	1	0	0	0	1				
52	IT2017/043	11700217060	RAVI KUMAR		13	15	8	15	14	9	49	1	1	1	1	1	1				
53	IT2017/070	11700217061	RAUNAK GUPTA		14	15	9	14	15	9	58	1	1	1	1	1	1				
54	IT2017/107	11700217062	RAKESH KUMAR		12	12	9	12	12	8	56	1	1	1	1	1	1				
55	IT2017/016	11700217063	RAJAT BISWAS		12	11	8	11	12	6	46	1	0	1	0	1	0				
56	IT2017/046	11700217064	PRIYANSHU JHA		15	15	9	15	14	9	56	1	1	1	1	1	1				
57	IT2017/114	11700217065	PRIYA SINHA		15	14	10	15	14	10	46	1	1	1	1	1	1				
58	IT2017/049	11700217066	PREETAM GHOSH		15	15	9	14	14	9	46	1	1	1	1	1	1				
59	IT2017/118	11700217067	PRATYAY RUDRA		5	7	9	10	11	8	47	0	0	1	0	0	1				
60	IT2017/048	11700217068	PRASHANT KUMAR		12	11	8	12	12	8	49	1	0	1	1	1	1				
61	IT2017/113	11700217069	PRAPTY CHANDA		14	15	9	14	14	9	56	1	1	1	1	1	1				
62	IT2017/112	11700217070	PRAGATI KUMARI		12	14	9	13	12	9	32	1	1	1	1	1	0				
63	IT2017/071	11700217071	POULOMI SEN		12	13	8	11	12	8	56	1	1	1	0	1	1				
64	IT2017/033	11700217072	PIYUSH KUMAR		12	13	8	12	12	9	48	1	1	1	1	1	1				
65	IT2017/061	11700217074	NISHANT GAURAV		12	13	8	12	12	8	47	1	1	1	1	1	1				
66	IT2017/057	11700217075	NILORMI DAS		5	4	7	10	9	9	56	0	0	0	0	0	1				
67	IT2017/106	11700217076	NILANJAN DUTTA		12	12	8	13	12	8	36	1	1	1	1	1	0				
68	IT2017/027	11700217077	NEHA PRIYADARSHNI		15	14	10	15	14	9	47	1	1	1	1	1	1				
69	IT2017/047	11700217078	NATASHA CHANDA		15	15	10	15	15	10	56	1	1	1	1	1	1				
70	IT2017/007	11700217079	NADEEM RAZA KHAN		15	15	10	15	15	10	56	1	1	1	1	1	1				



71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

15	14	10	15	14	9	49	1	1	1	1	1	1	1	1
14	12	8	13	13	10	36	1	1	1	1	1	1	1	0
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
14	12	8	13	13	10	39	1	1	1	1	1	1	1	0
15	14	10	15	14	9	47	1	1	1	1	1	1	1	1
15	14	10	15	14	9	46	1	1	1	1	1	1	1	1
14	12	8	13	13	10	38	1	1	1	1	1	1	1	0
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
15	14	10	15	14	9	47	1	1	1	1	1	1	1	1
15	14	10	15	14	9	48	1	1	1	1	1	1	1	1
14	12	8	13	13	10	36	1	1	1	1	1	1	1	0
12	10	7	12	10	6	49	1	0	0	1	0	0	0	1
11	12	8	12	11	7	56	0	1	1	1	0	0	0	1
12	12	8	12	13	9	56	1	1	1	1	1	1	1	1
12	13	9	12	13	8	59	1	1	1	1	1	1	1	1
10	11	7	9	8	9	56	0	0	0	0	0	0	1	1
12	13	8	13	13	8	50	1	1	1	1	1	1	1	1
14	15	9	14	15	8	46	1	1	1	1	1	1	1	1
14	15	9	14	15	10	40	1	1	1	1	1	1	1	0
14	15	9	14	14	9	56	1	1	1	1	1	1	1	1
15	15	9	14	15	9	38	1	1	1	1	1	1	1	0
14	15	9	14	14	10	36	1	1	1	1	1	1	1	0
14	15	9	14	14	9	46	1	1	1	1	1	1	1	1
13	10	8	13	12	7	56	1	0	1	1	1	0	1	1
15	14	10	15	14	9	49	1	1	1	1	1	1	1	1
14	15	10	13	14	9	56	1	1	1	1	1	1	1	1
15	14	9	14	15	9	56	1	1	1	1	1	1	1	1
12	13	8	13	12	9	47	1	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
14	14	10	14	15	10	46	1	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
14	14	10	14	15	10	47	1	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
12	12	9	14	13	8	56	1	1	1	1	1	1	1	1
9	7	9	7	8	5	49	0	0	1	0	0	0	0	1
14	15	8	13	12	8	46	1	1	1	1	1	1	1	1
12	12	8	12	13	9	48	1	1	1	1	1	1	1	1
13	12	9	13	13	8	39	1	1	1	1	1	1	1	0
12	13	8	13	12	9	40	1	1	1	1	1	1	1	0
9	7	9	11	10	8	56	0	0	1	0	0	1	1	1
12	12	8	12	13	9	56	1	1	1	1	1	1	1	1
12	12	8	12	13	8	47	1	1	1	1	1	1	1	1
13	12	8	13	13	8	48	1	1	1	1	1	1	1	1
12	12	8	12	13	9	46	1	1	1	1	1	1	1	1
12	12	8	13	13	8	56	1	1	1	1	1	1	1	1
12	12	9	12	12	8	56	1	1	1	1	1	1	1	1
12	12	9	12	12	8	47	1	1	1	1	1	1	1	1
14	12	8	13	13	10	38	1	1	1	1	1	1	1	0
12	10	7	12	12	7	21	1	0	0	1	1	0	0	0

1	112	108	115	111	111	113	100
0	10	14	7	11	11	9	22
CO attn	0.92	0.89	0.94	0.91	0.91	0.93	0.82

Avg Attn	0.92
Attn Level	3

Avg Attn	0.82
Attn Level	3

Overall Course Outcome Attainment												
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)												
Direct CO attainment level												3
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Avg values from table 1	3.00	1.67	1.00	1.00	0	0	0	0	0	0	0	0
Overall (Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3
Attainment of PO for this course	3.00	1.67	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.00	1.50	0	
Overall (Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	2.00	1.50	0.00	1.17



Mapping of CO with PO and PSO of Analog & Digital Electronics (Paper code: CS391)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
	CO1	3	3	3	1	1	-	-	-	-	-	-	-	1
	CO2	3	3	3	2	3	-	-	2	-	-	-	2	
	CO3	3	3	3	2	3	-	-	2	1	-	-	2	
	CO4	3	3	3	2	3	-	-	2	-	-	1	2	
	CO5	3	3	3	2	3	-	-	1	1	-	1	2	
	CO6	3	3	2	1	1	-	-	-	1	-	-	1	
AVERAGE	3.00	3.00	2.83	1.67	2.33	0	0	1.75	1.00	0	1.00	1.67		
Average =sum/ number of entry														

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	3	2
	CO2	3	1	3
	CO3	3	2	3
	CO4	3	3	3
	CO5	3	3	2
	CO6	3	3	1
AVERAGE	3.00	2.50	2.33	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's												CO Attainment in Univ Exam		
					Course Outcomes	PCA1						Univ. Exam	Course Outcome Attainment with target in %						
						CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4		CO5	CO6
						15	15	10	15	15	10		60	CO1	CO2	CO3		CO4	CO5
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	15	15	10	15	15	10	54	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	13	13	10	14	13	9	44	1	1	1	1	1	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	14	15	9	15	14	10	50	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	12	14	10	15	14	10	50	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	14	15	8	15	13	9	50	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	15	12	9	14	15	10	50	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	15	15	10	15	15	10	54	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	15	15	10	15	15	10	55	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	15	14	9	14	15	9	50	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	15	15	10	14	15	10	52	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	15	15	10	15	15	10	58	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	14	13	9	15	14	9	50	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	15	13	8	14	15	9	50	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	15	15	10	15	15	10	53	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	15	14	9	13	12	13	50	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	14	15	10	15	15	10	51	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	15	15	10	15	15	10	51	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	15	15	10	15	15	10	55	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	80%	13	15	8	12	11	7	39	1	1	1	1	0	0	0	0
22	IT2017/063	11700217030	SONALI	80%	14	14	8	14	14	8	50	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA	80%	11	14	8	12	12	8	0	0	1	1	1	1	1	1	0
24	IT2017/045	11700217032	SOHAM ROY	80%	14	13	10	14	14	9	50	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	15	14	9	15	13	10	50	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	15	15	10	13	14	10	50	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	12	14	8	12	15	10	50	1	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW	80%	14	14	10	13	14	9	50	1	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	13	15	9	15	13	9	50	1	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR	80%	14	13	9	15	15	10	50	1	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	13	14	10	15	15	10	49	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	15	15	9	14	14	8	44	1	1	1	1	1	1	1	0
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	12	12	10	13	15	10	44	1	1	1	1	1	1	1	0
34	IT2017/099	11700217042	SHIVAM	80%	15	14	9	14	14	10	50	1	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	15	15	10	15	13	10	50	1	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR	80%	13	12	10	15	12	10	44	1	1	1	1	1	1	1	0
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	14	15	9	14	15	10	50	1	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE	80%	14	14	10	15	14	8	50	1	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW	80%	15	15	10	14	15	10	50	1	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	80%	14	15	9	13	11	10	44	1	1	1	1	0	1	0	0
41	IT2017/065	11700217049	SAIMANTI LAHA	80%	15	15	10	15	15	10	52	1	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH	80%	14	15	8	13	14	9	50	1	1	1	1	1	1	1	1



43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA

15	14	10	15	15	8	50	1	1	1	1	1	1	1	1
14	15	9	14	14	8	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	54	1	1	1	1	1	1	1	1
12	14	9	15	13	9	50	1	1	1	1	1	1	1	1
14	15	10	14	14	10	51	1	1	1	1	1	1	1	1
15	15	10	15	15	10	52	1	1	1	1	1	1	1	1
15	15	10	15	15	10	58	1	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
15	14	9	14	14	9	50	1	1	1	1	1	1	1	1
13	13	9	14	14	10	50	1	1	1	1	1	1	1	1
14	15	10	15	15	9	50	1	1	1	1	1	1	1	1
14	15	9	15	14	10	50	1	1	1	1	1	1	1	1
13	15	9	15	15	10	50	1	1	1	1	1	1	1	1
15	14	10	15	13	9	50	1	1	1	1	1	1	1	1
15	15	10	14	13	10	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	55	1	1	1	1	1	1	1	1
15	14	9	11	12	7	44	1	1	1	0	1	0	0	0
13	15	10	12	14	9	50	1	1	1	1	1	1	1	1
15	15	10	14	15	10	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	54	1	1	1	1	1	1	1	1
15	14	9	15	15	10	56	1	1	1	1	1	1	1	1
15	15	10	15	14	10	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	55	1	1	1	1	1	1	1	1
12	14	9	14	15	10	50	1	1	1	1	1	1	1	1
11	15	10	15	15	10	50	0	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
12	15	9	14	14	8	50	1	1	1	1	1	1	1	1
14	13	8	14	15	9	50	1	1	1	1	1	1	1	1
14	15	10	14	14	10	50	1	1	1	1	1	1	1	1
14	14	9	15	15	10	50	1	1	1	1	1	1	1	1
11	13	9	13	15	8	44	0	1	1	1	1	1	1	0
15	14	10	11	15	10	44	1	1	1	0	1	1	1	0
14	15	8	11	11	7	33	1	1	1	0	0	0	0	0
15	14	9	14	15	10	50	1	1	1	1	1	1	1	1
13	13	10	14	14	8	50	1	1	1	1	1	1	1	1
14	11	7	12	11	7	44	1	0	0	1	0	0	0	0
15	14	9	15	12	8	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	50	1	1	1	1	1	1	1	1
14	14	9	14	15	10	50	1	1	1	1	1	1	1	1
15	14	10	14	15	9	50	1	1	1	1	1	1	1	1
15	15	10	15	14	10	50	1	1	1	1	1	1	1	1
15	14	10	14	13	10	50	1	1	1	1	1	1	1	1
15	14	10	14	13	10	50	1	1	1	1	1	1	1	1
14	14	10	13	15	9	50	1	1	1	1	1	1	1	1
15	15	9	15	15	9	50	1	1	1	1	1	1	1	1
15	15	8	13	15	9	50	1	1	1	1	1	1	1	1
14	15	10	15	15	10	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	54	1	1	1	1	1	1	1	1
15	14	10	14	13	10	50	1	1	1	1	1	1	1	1
14	15	9	13	15	10	50	1	1	1	1	1	1	1	1
12	14	10	13	15	9	50	1	1	1	1	1	1	1	1
15	15	10	15	15	9	55	1	1	1	1	1	1	1	1
13	14	9	14	14	8	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	57	1	1	1	1	1	1	1	1
15	14	9	14	14	9	50	1	1	1	1	1	1	1	1
13	15	8	14	15	9	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	55	1	1	1	1	1	1	1	1
15	15	10	15	15	10	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	55	1	1	1	1	1	1	1	1
14	14	9	14	14	10	50	1	1	1	1	1	1	1	1
13	14	8	13	12	8	44	1	1	1	1	1	1	1	0
15	15	8	13	12	8	50	1	1	1	1	1	1	1	1
12	15	8	14	15	10	50	1	1	1	1	1	1	1	1
14	15	10	15	15	10	54	1	1	1	1	1	1	1	1
15	13	10	14	15	10	50	1	1	1	1	1	1	1	1
14	15	10	14	13	8	50	1	1	1	1	1	1	1	1
12	14	7	12	15	8	44	1	1	0	1	1	1	1	0
15	15	10	15	15	10	57	1	1	1	1	1	1	1	1



118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

15	15	10	15	15	10	50	1	1	1	1	1	1	1
14	15	10	14	14	10	50	1	1	1	1	1	1	1
15	12	9	13	12	7	44	1	1	1	1	1	0	0
15	14	9	14	13	9	50	1	1	1	1	1	1	1
15	15	10	14	15	9	49	1	1	1	1	1	1	1

1	119	121	120	119	118	117	106
0	3	1	2	3	4	4	16
CO attn	0.98	0.99	0.98	0.98	0.97	0.97	0.87

Avg Attn	0.98
Attn Level	3

Avg Attn	0.87
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												3	
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	3.00	2.83	1.67	2.33	0	0	1.75	1.00	0	1.00	1.67	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	3.00	2.83	1.67	2.33	0.00	0.00	1.75	1.00	0.00	1.00	1.67	1.52

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.50	2.33	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	3.00	2.50	2.33	2.61

Mapping of CO with PO and PSO of Data Structure and Algorithms Laboratory (Paper code: CS392)

Enter correlation levels 1, 2 or 3 as defined below :

1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	3	2	2	-	-	-	-	-	-	-	2
	CO2	3	3	2	2	-	-	2	-	3	2	-	1
	CO3	3	-	2	-	3	-	1	-	-	1	-	-
	CO4	3	-	2	3	3	1	-	-	3	-	-	-
	CO5	3	2	2	3	-	2	2	1	3	1	-	-
	CO6	3	3	3	-	3	2	-	1	3	-	2	-
	AVERAGE	3.00	2.75	2.17	2.50	3.00	1.67	1.67	1.00	3.00	1.33	2.00	1.50

Average = Sum/ Number of entries

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	-	-	-
	CO2	2	-	3
	CO3	-	2	-
	CO4	-	2	-
	CO5	2	3	3
	CO6	3	-	3
	AVERAGE	2.33	2.33	3.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Univ. Roll	Class Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					15	15	10	15	15	10	60							
					80%						70%	80%						
1	11700217007	IT2017/013	VINAY KUMAR PODDAR		14	15	10	15	14	10	85	1	1	1	1	1	1	
2	11700217008	IT2017/121	SUVAM PATRA		15	15	10	15	15	10	95	1	1	1	1	1	1	
3	11700217009	IT2017/089	SUSNATA DAS		15	15	10	15	14	10	85	1	1	1	1	1	1	
4	11700217010	IT2017/015	SURYAPRATIM RAY		15	14	10	14	15	10	85	1	1	1	1	1	1	
5	11700217012	IT2017/054	SUPRATIM DAS		14	15	10	14	14	10	85	1	1	1	1	1	1	
6	11700217013	IT2017/053	SUMEDHA SEN		15	15	10	15	14	10	85	1	1	1	1	1	1	
7	11700217014	IT2017/039	SUMAN KAYAL		15	15	10	15	15	10	95	1	1	1	1	1	1	
8	11700217015	IT2017/067	SUKANYA SAHA		15	15	10	15	14	10	85	1	1	1	1	1	1	
9	11700217016	IT2017/081	SUBHASHRI DAS		15	15	10	15	15	10	95	1	1	1	1	1	1	
10	11700217017	IT2017/117	SUBHANKAR NATH		15	15	10	15	15	10	95	1	1	1	1	1	1	



96	11700217105	IT2017/051	ARUNARKA MUKHOPADHYAY
97	11700217106	IT2017/059	ARNAB DALAL
98	11700217107	IT2017/103	ARKA MONDAL
99	11700217108	IT2017/068	ANUSHREE JAIN
100	11700217109	IT2017/001	ANTU KUNDU
101	11700217110	IT2017/092	ANTARA PAUL
102	11700217111	IT2017/042	ANKUR SARKAR
103	11700217112	IT2017/080	ANKUR KUMAR
104	11700217113	IT2017/101	ANKITA SINGH
105	11700217114	IT2017/028	ANKIT SHARMA
106	11700217115	IT2017/006	ANKIT PRAMANIK
107	11700217116	IT2017/060	ANKIT KUMAR JHA
108	11700217117	IT2017/093	ANIKET MAJUMDAR
109	11700217118	IT2017/115	ANIKET ARORA
110	11700217119	IT2017/085	AMAN KUMAR VERMA
111	11700217120	IT2017/088	AMAN KUMAR
112	11700217121	IT2017/124	AMAN JHA
113	11700217122	IT2017/102	AKRITI
114	11700217123	IT2017/019	ADRIJA DAS
115	11700217124	IT2017/116	ADITYA KUMAR SINHA
116	11700217125	IT2017/125	ADITYA KUMAR JHA
117	11700217126	IT2017/003	ADITYA BHATTACHARYA
118	11700217127	IT2017/014	ADEEL ABBAS SIDDIQUI
119	11700217128	IT2017/041	ABHISHEK PAREEK
120	11700217129	IT2017/086	ABHISHEK KUMAR
121	11700218001	IT2018/L01	JOYEETA SAHA
122	11700218002	IT2018/L02	ABHISHEK DEY

14	15	10	15	14	10	85	1	1	1	1	1	1	1
13	12	9	13	12	10	75	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1
14	15	10	14	15	10	85	1	1	1	1	1	1	1
14	15	10	14	15	10	85	1	1	1	1	1	1	1
14	15	10	14	15	10	85	1	1	1	1	1	1	1
15	15	10	15	14	10	85	1	1	1	1	1	1	1
13	13	10	12	13	9	75	1	1	1	1	1	1	1
14	15	10	15	14	10	85	1	1	1	1	1	1	1
15	15	10	15	15	10	85	1	1	1	1	1	1	1
14	15	10	15	14	10	85	1	1	1	1	1	1	1
15	15	10	14	15	10	85	1	1	1	1	1	1	1
14	14	10	14	15	10	85	1	1	1	1	1	1	1
14	14	10	15	15	10	85	1	1	1	1	1	1	1
15	15	10	15	15	10	85	1	1	1	1	1	1	1
13	12	10	12	12	9	75	1	1	1	1	1	1	1
14	15	10	15	15	10	85	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1
14	15	10	14	15	10	85	1	1	1	1	1	1	1
12	13	10	12	12	10	75	1	1	1	1	1	1	1
12	13	9	12	13	9	75	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1
14	15	10	15	15	10	85	1	1	1	1	1	1	1
14	14	10	14	15	10	85	1	1	1	1	1	1	1
14	14	10	15	14	10	85	1	1	1	1	1	1	1
12	12	9	13	13	10	75	1	1	1	1	1	1	1

1	121	121	121	121	121	121	121
0	1	1	1	1	1	1	1
CO attn	0.99	0.99	0.99	0.99	0.99	0.99	0.99

Avg Attn	0.99
Attn Level	3

Avg Attn	0.99
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											3		
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.75	2.17	2.50	3.00	1.67	1.67	1.00	3.00	1.33	2.00	1.50	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	2.75	2.17	2.50	3.00	1.67	1.67	1.00	3.00	1.33	2.00	1.50	2.13

PSO attainment vale = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.33	2.33	3	
Overall(Direct)CO attainment level	3	3	3	
Attainment of PSO for this course	2.33	2.33	3.00	2.56



Mapping of CO with PO and PSO of Computer Organization (Paper code: CS393)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	2	1	1	1	-	-	-	2	-	-	1
	CO2	3	3	2	1	1	-	-	1	2	-	-	2
	CO3	3	3	2	1	1	-	-	1	2	-	-	2
	CO4	3	3	2	1	1	-	-	1	2	-	1	2
	CO5	3	3	2	2	1	-	-	1	2	-	1	2
	CO6	3	3	2	2	1	-	-	1	2	-	-	1
AVERAGE	3.00	2.83	1.83	1.33	1.00	0	0	1.00	2.00	0	1.00	1.67	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	1	-
	CO2	3	1	-
	CO3	3	1	-
	CO4	3	1	-
	CO5	3	2	-
	CO6	3	2	-
AVERAGE	3.00	1.33	0	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's												Univ. Exam	CO Attainment in Univ Exam
					PCA1						PCA2							
					CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6		
					10	10	10	10	20	20	60	CO1	CO2	CO3	CO4	CO5		
					80%						80%	80%						
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		9	9	8	9	18	17	50	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		9	9	8	9	18	17	51	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		9	9	8	9	18	17	47	1	1	1	1	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		9	9	8	9	18	18	56	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		9	9	8	9	19	18	51	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		9	9	8	9	19	18	53	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		9	9	8	9	18	17	50	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		9	9	8	9	18	18	52	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		9	9	8	9	19	18	53	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		9	9	8	9	18	17	50	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		9	8	8	9	17	17	51	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		9	8	8	9	17	17	54	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		9	9	8	9	18	18	51	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		9	9	8	9	18	17	53	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		9	9	8	9	18	17	49	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	9	8	9	18	17	49	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		9	9	8	9	18	18	52	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		10	9	9	10	19	19	52	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		9	9	8	9	18	17	50	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	9	8	9	19	18	54	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		8	7	7	8	15	15	45	1	0	0	1	0	0	0
22	IT2017/063	11700217030	SONALI		9	9	8	9	18	17	49	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		5	4	5	7	10	9	15	0	0	0	0	0	0	0
24	IT2017/045	11700217032	SOHAM ROY		9	8	8	9	17	17	50	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		9	8	8	9	17	17	51	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		9	9	8	9	18	17	48	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		8	8	8	9	17	16	47	1	1	1	1	1	1	0
28	IT2017/031	11700217036	SIMRAN SHAW		8	8	8	9	17	16	48	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		9	8	8	9	17	17	49	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		8	8	8	9	17	16	49	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		9	9	8	9	19	18	53	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		9	9	8	9	18	18	50	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		9	8	8	9	17	17	48	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		9	9	8	9	18	18	50	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		9	9	8	9	18	17	50	1	1	1	1	1	1	1



36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILOMRI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMEVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA

8	8	7	9	16	16	46	1	1	0	1	1	1	0
8	8	7	9	16	16	46	1	1	0	1	1	1	0
9	9	8	9	18	18	51	1	1	1	1	1	1	1
8	8	7	9	16	16	49	1	1	0	1	1	1	1
8	8	7	9	16	16	46	1	1	0	1	1	1	0
9	9	8	9	18	18	51	1	1	1	1	1	1	1
9	9	8	9	18	18	50	1	1	1	1	1	1	1
9	9	8	9	18	18	48	1	1	1	1	1	1	1
9	9	8	9	18	18	50	1	1	1	1	1	1	1
10	9	9	10	19	19	55	1	1	1	1	1	1	1
8	8	7	9	16	16	45	1	1	0	1	1	1	0
10	9	9	10	19	19	53	1	1	1	1	1	1	1
9	8	8	9	17	17	46	1	1	1	1	1	1	0
9	9	8	9	19	18	52	1	1	1	1	1	1	1
9	9	8	9	18	18	51	1	1	1	1	1	1	1
9	9	8	9	18	18	49	1	1	1	1	1	1	1
9	9	8	9	19	18	51	1	1	1	1	1	1	1
10	9	9	10	19	19	54	1	1	1	1	1	1	1
9	8	8	9	17	17	48	1	1	1	1	1	1	1
9	9	8	9	18	17	52	1	1	1	1	1	1	1
9	9	8	9	18	17	53	1	1	1	1	1	1	1
9	8	8	9	17	17	50	1	1	1	1	1	1	1
9	9	8	9	19	18	52	1	1	1	1	1	1	1
9	8	8	9	17	17	49	1	1	1	1	1	1	1
9	9	8	9	18	17	50	1	1	1	1	1	1	1
9	9	8	9	18	17	50	1	1	1	1	1	1	1
10	9	9	10	19	19	53	1	1	1	1	1	1	1
9	9	8	9	18	17	47	1	1	1	1	1	1	0
9	8	8	9	17	17	47	1	1	1	1	1	1	0
10	9	9	10	19	19	53	1	1	1	1	1	1	1
9	8	8	9	17	17	48	1	1	1	1	1	1	1
9	8	8	9	17	17	47	1	1	1	1	1	1	0
9	9	8	9	18	17	51	1	1	1	1	1	1	1
9	8	8	9	17	17	50	1	1	1	1	1	1	1
9	9	8	9	18	17	49	1	1	1	1	1	1	1
9	9	8	9	18	17	49	1	1	1	1	1	1	1
8	7	7	8	15	15	43	1	0	0	1	0	0	0
8	8	8	9	17	16	49	1	1	1	1	1	1	1
9	9	8	9	18	17	53	1	1	1	1	1	1	1
8	8	8	9	17	16	47	1	1	1	1	1	1	0
10	10	9	10	20	19	51	1	1	1	1	1	1	1
9	9	8	9	18	17	47	1	1	1	1	1	1	0
8	8	8	9	17	16	47	1	1	1	1	1	1	0
9	8	8	9	17	17	49	1	1	1	1	1	1	1
9	9	8	9	18	17	50	1	1	1	1	1	1	1
8	8	8	9	17	16	47	1	1	1	1	1	1	0
9	9	8	9	18	17	50	1	1	1	1	1	1	1
9	9	8	9	18	18	50	1	1	1	1	1	1	1
9	9	8	9	18	18	50	1	1	1	1	1	1	1
9	9	8	9	18	17	46	1	1	1	1	1	1	0
9	9	8	9	18	17	53	1	1	1	1	1	1	1
8	8	7	9	16	16	47	1	1	0	1	1	1	0
9	9	8	9	18	17	49	1	1	1	1	1	1	1
8	8	8	9	17	16	48	1	1	1	1	1	1	1
9	9	8	9	19	18	53	1	1	1	1	1	1	1
10	9	9	10	19	19	53	1	1	1	1	1	1	1
10	10	9	10	20	19	55	1	1	1	1	1	1	1
9	9	8	9	18	17	50	1	1	1	1	1	1	1
9	9	8	9	18	18	51	1	1	1	1	1	1	1
10	9	9	10	19	19	54	1	1	1	1	1	1	1
9	9	8	9	18	18	52	1	1	1	1	1	1	1
9	8	8	9	17	17	48	1	1	1	1	1	1	1
9	8	8	9	17	17	48	1	1	1	1	1	1	1
8	8	8	9	17	16	48	1	1	1	1	1	1	1
9	9	8	9	18	18	51	1	1	1	1	1	1	1
9	9	8	9	18	17	51	1	1	1	1	1	1	1
9	8	8	9	17	17	48	1	1	1	1	1	1	1
9	8	8	9	17	17	50	1	1	1	1	1	1	1
9	8	8	9	17	17	51	1	1	1	1	1	1	1
9	9	8	9	18	18	49	1	1	1	1	1	1	1
8	8	7	9	16	16	46	1	1	0	1	1	1	0



111	IT2017/088	11700217120	AMAN KUMAR	8	8	8	9	17	16	50	1	1	1	1	1	1	1
112	IT2017/124	11700217121	AMAN JHA	9	9	8	9	18	17	49	1	1	1	1	1	1	1
113	IT2017/102	11700217122	AKRITI	9	9	8	9	18	18	50	1	1	1	1	1	1	1
114	IT2017/019	11700217123	ADRIJA DAS	9	9	8	9	18	18	55	1	1	1	1	1	1	1
115	IT2017/116	11700217124	ADITYA KUMAR SINHA	9	9	8	9	19	18	49	1	1	1	1	1	1	1
116	IT2017/125	11700217125	ADITYA KUMAR JHA	9	9	8	9	18	18	51	1	1	1	1	1	1	1
117	IT2017/003	11700217126	ADITYA BHATTACHARYA	10	9	9	10	19	19	53	1	1	1	1	1	1	1
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI	9	8	8	9	17	17	50	1	1	1	1	1	1	1
119	IT2017/041	11700217128	ABHISHEK PAREEK	9	9	8	9	18	18	48	1	1	1	1	1	1	1
120	IT2017/086	11700217129	ABHISHEK KUMAR	9	8	8	9	17	17	45	1	1	1	1	1	1	0
121	IT2018/L01	11700218001	JOYEETA SAHA	9	9	8	9	18	17	49	1	1	1	1	1	1	1
122	IT2018/L02	11700218002	ABHISHEK DEY	9	9	8	9	18	17	50	1	1	1	1	1	1	1

1	121	119	112	121	119	119	101
0	1	3	10	1	3	3	21
CO attn	0.99	0.98	0.92	0.99	0.98	0.98	0.83

Avg Attn	0.97
Attn Level	3

Avg Attn	0.83
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level	3												
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.83	1.83	1.33	1.00	0	0	1.00	2.00	0	1.00	1.67	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	2.83	1.83	1.33	1.00	0.00	0.00	1.00	2.00	0.00	1.00	1.67	1.31

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	1.33	0	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	3.00	1.33	0.00	1.44



Attainment Details of Semester IV



Mapping of CO with PO and PSO of Numerical methods (Paper code: M(CS)-401)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	1	2	2	-	2	1	1	2	3	1	2
	CO2	3	2	1	2	2	-	-	-	2	1	-	2
	CO3	3	2	3	1	-	-	-	1	2	2	-	2
	CO4	3	2	2	2	-	-	-	-	2	2	-	2
	CO5	3	2	1	2	3	-	-	-	2	1	-	2
	CO6	3	2	3	2	-	-	-	-	2	-	-	1
AVERAGE	3.00	1.83	2.00	1.83	2.50	2.00	1.00	1.00	2.00	1.80	1.00	1.83	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	3	1
	CO2	3	2	1
	CO3	3	2	1
	CO4	3	2	1
	CO5	3	2	1
	CO6	3	2	1
AVERAGE	3.00	2.17	1	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's												CO Attainment in Univ Exam			
					CA1/CA2/CA3/CA4						Univ. Exam	Course Outcome Attainment with target in %								
					CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4	CO5		CO6		
					10	15	25	15	10	25		100	CO1	CO2	CO3	CO4		CO5	CO6	
					80%						60%	80%								
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		10	15	23	15	10	22	85	1	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		10	15	25	15	10	25	95	1	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		1	2	1	2	2	2	35	0	0	0	0	0	0	0	0	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	15	25	15	10	25	95	1	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		9	12	18	12	8	17	65	1	1	0	1	1	0	1	0	1
6	IT2017/053	11700217013	SUMEDHA SEN		10	14	22	15	10	23	85	1	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		10	15	22	15	10	22	85	1	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		10	14	23	15	10	22	85	1	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		10	15	25	15	10	25	95	1	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		10	15	23	14	10	23	85	1	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		10	15	23	15	10	23	85	1	1	1	1	1	1	1	1	1
12	IT2017/120	11700217019	SUBARNA SARKAR		10	15	25	15	10	25	95	1	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		10	15	23	15	10	22	85	1	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		10	15	23	15	10	22	85	1	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		10	13	21	12	10	21	75	1	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	12	20	13	9	20	75	1	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		10	14	23	14	10	22	85	1	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		10	15	23	15	10	23	85	1	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		10	15	22	14	10	22	85	1	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		10	14	22	14	10	23	85	1	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		9	12	21	12	10	20	75	1	1	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI		10	15	22	15	10	22	85	1	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		10	15	22	15	10	22	85	1	1	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY		10	14	22	14	10	23	85	1	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		10	13	21	13	10	20	75	1	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		10	15	22	15	10	23	85	1	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		9	12	17	12	8	17	65	1	1	0	1	1	0	1	0	1
28	IT2017/031	11700217036	SIMRAN SHAW		9	13	20	12	10	21	75	1	1	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		10	15	22	14	10	22	85	1	1	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		7	10	16	9	8	15	55	0	0	0	0	1	0	0	0	0
31	IT2017/050	11700217039	SHREYA SENGUPTA		9	12	21	12	9	21	75	1	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		9	11	18	12	9	17	65	1	0	0	1	1	0	0	0	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		8	9	15	9	7	16	55	1	0	0	0	0	0	0	0	0
34	IT2017/099	11700217042	SHIVAM		10	14	22	14	10	23	85	1	1	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		10	14	23	15	10	22	85	1	1	1	1	1	1	1	1	1



36	IT2017/002	11700217044	SAYED AKHTAR
37	IT2017/079	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
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48	IT2017/110	11700217056	RITAYAN DHARA
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52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/122	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA

8	9	15	10	7	16	55	1	0	0	0	0	0	0
10	12	21	12	10	21	75	1	1	1	1	1	1	1
7	9	12	9	6	13	45	0	0	0	0	0	0	0
10	12	21	12	10	21	75	1	1	1	1	1	1	1
10	13	21	13	10	20	75	1	1	1	1	1	1	1
10	15	25	15	10	25	95	1	1	1	1	1	1	1
8	9	16	10	8	16	55	1	0	0	0	1	0	0
10	15	23	15	10	23	85	1	1	1	1	1	1	1
10	15	23	14	10	22	85	1	1	1	1	1	1	1
10	15	23	15	10	23	85	1	1	1	1	1	1	1
1	1	2	2	2	1	35	0	0	0	0	0	0	0
10	15	25	15	10	25	95	1	1	1	1	1	1	1
10	14	23	14	10	23	85	1	1	1	1	1	1	1
10	14	23	14	10	22	85	1	1	1	1	1	1	1
10	15	25	15	10	25	95	1	1	1	1	1	1	1
10	12	20	12	10	20	75	1	1	1	1	1	1	1
7	10	15	10	7	15	55	0	0	0	0	0	0	0
9	12	17	12	8	18	65	1	1	0	1	1	0	1
9	12	17	11	8	18	65	1	1	0	0	1	0	1
10	12	20	13	10	21	75	1	1	1	1	1	1	1
10	15	22	14	10	22	85	1	1	1	1	1	1	1
8	12	17	11	9	17	65	1	1	0	0	1	0	1
10	15	23	14	10	23	85	1	1	1	1	1	1	1
9	13	21	13	10	21	75	1	1	1	1	1	1	1
9	12	20	13	10	21	75	1	1	1	1	1	1	1
10	15	23	14	10	22	85	1	1	1	1	1	1	1
6	8	12	8	7	12	45	0	0	0	0	0	0	0
9	13	20	13	9	20	75	1	1	1	1	1	1	1
10	12	21	13	9	21	75	1	1	1	1	1	1	1
10	15	23	14	10	22	85	1	1	1	1	1	1	1
10	14	22	14	10	23	85	1	1	1	1	1	1	1
10	15	23	15	10	23	85	1	1	1	1	1	1	1
8	11	17	11	8	17	65	1	0	0	0	1	0	1
10	14	22	14	10	22	85	1	1	1	1	1	1	1
10	13	20	13	10	20	75	1	1	1	1	1	1	1
9	11	17	11	8	18	65	1	0	0	0	1	0	1
9	13	21	12	10	21	75	1	1	1	1	1	1	1
10	15	22	14	10	23	85	1	1	1	1	1	1	1
10	13	21	13	9	21	75	1	1	1	1	1	1	1
9	12	18	12	8	17	65	1	1	0	1	1	0	1
8	9	15	10	7	16	55	1	0	0	0	0	0	0
8	10	15	9	8	16	55	1	0	0	0	1	0	0
10	15	22	15	10	22	85	1	1	1	1	1	1	1
1	2	1	1	1	2	35	0	0	0	0	0	0	0
9	12	17	11	9	17	65	1	1	0	0	1	0	1
8	12	17	11	9	18	65	1	1	0	0	1	0	1
8	11	17	11	9	17	65	1	0	0	0	1	0	1
7	10	15	10	7	16	55	0	0	0	0	0	0	0
9	13	20	12	9	20	75	1	1	1	1	1	1	1
8	10	15	10	8	16	55	1	0	0	0	1	0	0
10	15	25	15	10	25	95	1	1	1	1	1	1	1
9	13	21	12	10	20	75	1	1	1	1	1	1	1
9	11	17	11	8	17	65	1	0	0	0	1	0	1
7	9	12	8	7	13	45	0	0	0	0	0	0	0
10	14	23	14	10	23	85	1	1	1	1	1	1	1
8	12	17	11	9	17	65	1	1	0	0	1	0	1
6	9	12	9	6	12	45	0	0	0	0	0	0	0
8	11	17	12	9	17	65	1	0	0	1	1	0	1
10	15	23	14	10	23	85	1	1	1	1	1	1	1
10	14	23	15	10	22	85	1	1	1	1	1	1	1
10	15	25	15	10	25	95	1	1	1	1	1	1	1
10	15	25	15	10	25	95	1	1	1	1	1	1	1
9	12	17	11	9	18	65	1	1	0	0	1	0	1
10	15	23	14	10	22	85	1	1	1	1	1	1	1
10	15	25	15	10	25	95	1	1	1	1	1	1	1
9	12	17	12	8	17	65	1	1	0	1	1	0	1
7	9	12	8	6	12	45	0	0	0	0	0	0	0
9	13	21	13	9	20	75	1	1	1	1	1	1	1
8	11	17	11	8	17	65	1	0	0	0	1	0	1
9	12	20	12	9	21	75	1	1	1	1	1	1	1
10	14	23	14	10	23	85	1	1	1	1	1	1	1
6	8	13	9	7	13	45	0	0	0	0	0	0	0



116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

7	9	16	10	7	15	55	0	0	0	0	0	0	0
9	13	20	12	9	20	75	1	1	1	1	1	1	1
10	12	21	12	9	21	75	1	1	1	1	1	1	1
9	12	20	13	10	20	75	1	1	1	1	1	1	1
10	15	22	15	10	23	85	1	1	1	1	1	1	1
9	11	18	12	9	18	65	1	0	0	1	1	0	1
1	1	2	1	2	2	35	0	0	0	0	0	0	0

1	108	92	80	90	106	80	102
0	14	30	42	32	16	42	20
CO attn	0.89	0.75	0.66	0.74	0.87	0.66	0.84

Avg Attn	0.76
Attn Level	2

Avg Attn	0.84
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level		2.5											
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	1.83	2.00	1.83	2.50	2.00	1.00	1.00	2.00	1.80	1.00	1.83	
Overall (Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Attainment of PO for this course	2.50	1.53	1.67	1.53	2.08	1.67	0.83	0.83	1.67	1.50	0.00	0.00	1.32

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.17	1.00	
Overall (Direct) CO attainment level	2.5	2.50	2.5	
Attainment of PSO for this course	2.5	1.81	0.83	1.71

Mapping of CO with PO and PSO of Mathematics-3 (Paper code: M401)													
Enter correlation levels 1, 2 or 3 as defined below :													
1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)													
Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	2	2	-	-	-	-	-	-	-	-	-
	CO2	3	3	3	-	-	-	-	-	-	-	2	-
	CO3	3	3	3	-	-	-	-	-	-	-	1	-
	CO4	3	3	3	-	-	-	-	-	-	-	2	-
	CO5	3	3	2	-	-	-	-	-	-	-	1	-
	CO6	3	2	2	-	-	-	-	-	-	-	-	-
	AVERAGE	3.00	2.67	2.50	0	0	0	0	0	0	0	1.50	0
Average =sum/ number of entry													

Table 1	TABLE 2	PSO1	PSO2	PSO3
	CO1	2	-	1
	CO2	3	-	1
	CO3	2	-	1
	CO4	3	-	-
	CO5	2	-	1
	CO6	3	-	1
	AVERAGE	2.50	0	1.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
SI No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam
					CA1/CA2/CA3/CA4							CO1	CO2	CO3	CO4	CO5	CO6	
					CO1	CO2	CO3	CO4	CO5	CO6								
					Marks Distribution	25	15	10	25	15								
					60%						45%	60%						
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		21	11	10	10	12	22	75	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		23	13	10	10	14	24	85	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		12	8	4	4	9	12	35	0	0	0	0	1	0	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		15	9	6	10	8	16	45	1	1	1	1	0	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		15	9	6	10	8	16	45	1	1	1	1	0	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		21	11	10	10	12	22	75	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		21	11	10	10	12	22	75	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		21	11	10	10	12	22	75	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		17	10	8	8	10	18	55	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		21	11	10	10	12	22	75	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		12	8	4	4	9	12	35	0	0	0	0	1	0	0
12	IT2017/021	11700217019	SUBARNA SARKAR		23	13	10	10	14	24	85	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		17	10	8	8	10	18	55	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		19	10	9	8	12	20	65	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		17	10	8	8	10	18	55	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		19	10	9	8	12	20	65	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		17	10	8	8	10	18	55	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		19	10	9	8	12	20	65	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		17	10	8	8	10	18	55	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		19	10	9	8	12	20	65	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		17	10	8	8	10	18	55	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI		17	10	8	8	10	18	55	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		5	8	8	11	7	11	85	0	0	1	1	0	0	1
24	IT2017/045	11700217032	SOHAM ROY		25	15	10	10	15	25	95	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		17	10	8	8	10	18	55	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		17	10	8	8	10	18	55	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		15	9	6	10	8	16	45	1	1	1	1	0	1	1
28	IT2017/031	11700217036	SIMRAN SHAW		17	10	8	8	10	18	55	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		21	11	10	10	12	22	75	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		12	8	4	4	9	12	35	0	0	0	0	1	0	0
31	IT2017/050	11700217039	SHREYA SENGUPTA		17	10	8	8	10	18	55	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		15	9	6	10	8	16	45	1	1	1	1	0	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		17	10	8	8	10	18	55	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		19	10	9	8	12	20	65	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		17	10	8	8	10	18	55	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR		12	8	4	4	9	12	35	0	0	0	0	1	0	0
37	IT2017/009	11700217045	SAYANTAN BISWAS		15	9	6	10	8	16	45	1	1	1	1	0	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		19	10	9	8	12	20	65	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW		17	10	8	8	10	18	55	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		17	10	8	8	10	18	55	1	1	1	1	1	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA		25	15	10	10	15	25	95	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH		12	8	4	4	9	12	35	0	0	0	0	1	0	0
43	IT2017/017	11700217051	ROHAN SHAH		12	8	4	4	9	12	35	0	0	0	0	1	0	0
44	IT2017/058	11700217052	ROHAN KUMAR ROY		17	10	8	8	10	18	55	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE		15	9	6	10	8	16	45	1	1	1	1	0	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		12	8	4	4	9	12	35	0	0	0	0	1	0	0
47	IT2017/002	11700217055	RIYA KIRTANIA		21	11	10	10	12	22	75	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA		15	9	6	10	8	16	45	1	1	1	1	0	1	1
49	IT2017/022	11700217057	RIJA DEY		21	11	10	10	12	22	75	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		21	11	10	10	12	22	75	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL		15	9	6	10	8	16	45	1	1	1	1	0	1	1
52	IT2017/043	11700217060	RAVI KUMAR		15	9	6	10	8	16	45	1	1	1	1	0	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA		15	9	6	10	8	16	45	1	1	1	1	0	1	1
54	IT2017/107	11700217062	RAKESH KUMAR		12	8	4	4	9	12	35	0	0	0	0	1	0	0
55	IT2017/016	11700217063	RAJAT BISWAS		12	8	4	4	9	12	35	0	0	0	0	1	0	0
56	IT2017/046	11700217064	PRIYANSHU JHA		21	11	10	10	12	22	75	1	1	1	1	1	1	1
57	IT2017/114	11700217065	PRIYA SINHA		15	9	6	10	8	16	45	1	1	1	1	0	1	1
58	IT2017/049	11700217066	PREETAM GHOSH		15	9	6	10	8	16	45	1	1	1	1	0	1	1
59	IT2017/118	11700217067	PRATYAY RUDRA		12	8	4	4	9	12	35	0	0	0	0	1	0	0
60	IT2017/048	11700217068	PRASHANT KUMAR		15	9	6	10	8	16	45	1	1	1	1	0	1	1



61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
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73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
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76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
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79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

15	9	6	10	8	16	45	1	1	1	1	0	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
19	10	9	8	12	20	65	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
15	9	6	10	8	16	45	1	1	1	1	0	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
15	9	6	10	8	16	45	1	1	1	1	0	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
15	9	6	10	8	16	45	1	1	1	1	0	1	1
15	9	6	10	8	16	45	1	1	1	1	0	1	1
19	10	9	8	12	20	65	1	1	1	1	1	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
17	10	8	8	10	18	55	1	1	1	1	1	1	1
15	9	6	10	8	16	45	1	1	1	1	0	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
19	10	9	8	12	20	65	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
21	11	10	10	12	22	75	1	1	1	1	1	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
17	10	8	8	10	18	55	1	1	1	1	1	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
17	10	8	8	10	18	55	1	1	1	1	1	1	1
15	9	6	10	8	16	45	1	1	1	1	0	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
17	10	8	8	10	18	55	1	1	1	1	1	1	1
21	11	10	10	12	22	75	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
21	11	10	10	12	22	75	1	1	1	1	1	1	1
15	9	6	10	8	16	45	1	1	1	1	0	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
15	9	6	10	8	16	45	1	1	1	1	0	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
15	9	6	10	8	16	45	1	1	1	1	0	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
17	10	8	8	10	18	55	1	1	1	1	1	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
21	11	10	10	12	22	75	1	1	1	1	1	1	1
15	9	6	10	8	16	45	1	1	1	1	0	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
12	8	4	4	9	12	35	0	0	0	0	1	0	0
15	9	6	10	8	16	45	1	1	1	1	0	1	1
21	11	10	10	12	22	75	1	1	1	1	1	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
15	9	6	10	8	16	45	1	1	1	1	0	1	1
19	10	9	8	12	20	65	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
17	10	8	8	10	18	55	1	1	1	1	1	1	1
15	9	6	10	8	16	45	1	1	1	1	0	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0
15	9	6	10	8	16	45	1	1	1	1	0	1	1
12	8	4	4	9	12	35	0	0	0	0	1	0	0

1	97	97	98	98	93	97	98
0	25	25	24	24	29	25	24
CO attn	0.80	0.80	0.80	0.80	0.76	0.80	0.80

Avg Attn	0.792
Attn Level	2

Avg Attn	0.80
Attn Level	3



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											2.5		
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.67	2.50	0	0	0	0	0	0	0	1.50	0	
Overall (Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Attainment of PO for this course	2.50	2.22	2.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.67

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.50	0	1.00	
Overall (Direct) CO attainment level	2.5	2.5	2.5	
Attainment of PSO for this course	2.08	0.00	0.83	0.97

Mapping of CO with PO and PSO of Communication Engg & Coding Theory (Paper code: CS401)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	1	1	1	-	2	2	3	2	3	-	2
	CO2	3	2	1	1	2	-	-	3	3	1	1	3
	CO3	3	2	3	1	1	-	-	2	3	2	2	2
	CO4	3	3	3	2	-	-	-	3	3	2	2	2
	CO5	3	2	1	1	3	-	-	2	3	1	2	2
	CO6	3	2	2	1	-	-	-	2	2	-	2	1
	AVERAGE	3.00	2.00	1.83	1.17	2.00	2.00	2.00	2.50	2.67	1.80	1.80	2.00
Average =sum/ number of entry													

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	3	2
	CO2	3	2	3
	CO3	3	2	3
	CO4	3	2	3
	CO5	3	2	2
	CO6	3	2	1
	AVERAGE	3.00	2.17	2.33

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Course Outcomes	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %							
					CA1/CA2/CA3/CA4							100							
					CO1	CO2	CO3	CO4	CO5	CO6			CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					10	15	25	15	10	25			80%						
				Target Level	80%						55%	80%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		8	14	22	12	8	21	67	1	1	1	1	1	1	1	
2	IT2017/121	11700217008	SUVAM PATRA		9	15	24	15	9	23	87	1	1	1	1	1	1	1	
3	IT2017/089	11700217009	SUSNATA DAS		7	12	22	12	8	22	56	0	1	1	1	1	1	1	
4	IT2017/015	11700217010	SURYAPRATIM RAY		9	15	25	15	10	25	63	1	1	1	1	1	1	1	
5	IT2017/054	11700217012	SUPRATIM DAS		10	14	23	14	10	24	69	1	1	1	1	1	1	1	
6	IT2017/053	11700217013	SUMEDHA SEN		10	14	24	14	10	25	87	1	1	1	1	1	1	1	
7	IT2017/039	11700217014	SUMAN KAYAL		9	14	22	15	9	25	78	1	1	1	1	1	1	1	
8	IT2017/067	11700217015	SUKANYA SAHA		9	15	20	15	9	22	88	1	1	1	1	1	1	1	
9	IT2017/081	11700217016	SUBHASHRI DAS		8	13	20	13	8	23	75	1	1	1	1	1	1	1	
10	IT2017/117	11700217017	SUBHANKAR NATH		9	15	22	15	9	25	87	1	1	1	1	1	1	1	
11	IT2017/052	11700217018	SUBHANGEE		9	15	24	15	10	23	74	1	1	1	1	1	1	1	
12	IT2017/021	11700217019	SUBARNA SARKAR		9	14	24	13	10	23	85	1	1	1	1	1	1	1	



13	IT2017/038	11700217020	SRIPARNA GIRI
14	IT2017/011	11700217021	SRIJAYEE SAHA
15	IT2017/094	11700217022	SRIJANI ROY
16	IT2017/120	11700217023	SREYASHI KARMAKAR
17	IT2017/012	11700217024	SOURAV SHAW
18	IT2017/075	11700217025	SOURAV SARKAR
19	IT2017/064	11700217026	SOURAV SAMANTA
20	IT2017/069	11700217027	SOURAV JAISWAL
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE
22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RUJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO

8	13	25	12	9	22	64	1	1	1	1	1	1	1	1
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8	13	22	12	9	23	68	1	1	1	1	1	1	1	1
7	14	21	12	8	22	67	0	1	1	1	1	1	1	1
10	14	22	15	10	23	74	1	1	1	1	1	1	1	1
8	14	23	15	10	25	86	1	1	1	1	1	1	1	1
9	15	23	15	10	25	89	1	1	1	1	1	1	1	1
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7	12	21	12	8	21	57	0	1	1	1	1	1	1	1
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8	14	22	13	8	23	57	1	1	1	1	1	1	1	1
9	15	22	14	10	24	78	1	1	1	1	1	1	1	1
10	15	23	14	10	24	79	1	1	1	1	1	1	1	1
8	12	21	13	7	18	46	1	1	1	1	0	0	0	0
9	12	23	14	10	23	76	1	1	1	1	1	1	1	1
9	13	21	13	9	20	69	1	1	1	1	1	1	1	1
10	14	24	14	10	22	59	1	1	1	1	1	1	1	1
8	15	25	15	8	21	59	1	1	1	1	1	1	1	1
7	15	21	11	8	24	47	0	1	1	0	1	1	0	0
8	14	20	12	7	18	46	1	1	1	1	0	0	0	0
6	12	20	13	7	17	37	0	1	1	1	0	0	0	0
8	11	23	12	8	21	48	1	0	1	1	1	1	1	0
9	13	21	13	8	23	46	1	1	1	1	1	1	1	0
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9	15	24	15	10	24	79	1	1	1	1	1	1	1	1
8	14	22	11	8	18	35	1	1	1	0	1	0	0	0
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7	11	18	13	7	21	57	0	0	0	1	0	1	1	1
8	14	24	14	9	21	68	1	1	1	1	1	1	1	1
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9	15	16	13	8	21	47	1	1	0	1	1	1	1	0
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7	12	22	13	8	18	36	0	1	1	1	1	1	0	0
8	14	21	14	7	23	48	1	1	1	1	0	1	0	0
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9	12	22	12	8	23	55	1	1	1	1	1	1	1	1
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7	12	20	13	8	22	54	0	1	1	1	1	1	1	0
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9	15	25	14	10	24	76	1	1	1	1	1	1	1	1
7	14	21	12	8	20	35	0	1	1	1	1	1	1	0
10	15	25	15	9	24	95	1	1	1	1	1	1	1	1
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9	14	21	13	8	21	68	1	1	1	1	1	1	1	1
8	15	25	15	10	25	79	1	1	1	1	1	1	1	1
9	10	23	12	9	22	64	1	0	1	1	1	1	1	1
9	14	22	13	8	23	67	1	1	1	1	1	1	1	1
9	13	22	12	8	19	58	1	1	1	1	1	0	1	1
10	13	24	13	8	19	57	1	1	1	1	1	0	1	1
8	11	18	12	9	18	43	1	0	0	1	1	0	0	0
8	12	22	13	8	19	46	1	1	1	1	1	0	0	0
8	12	23	12	8	23	68	1	1	1	1	1	1	1	1
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7	13	23	11	8	17	38	0	1	1	0	1	0	0	0
7	11	16	12	7	18	37	0	0	0	1	0	0	0	0
8	12	21	12	8	22	33	1	1	1	1	1	1	1	0
10	15	21	14	9	23	76	1	1	1	1	1	1	1	1
9	13	21	12	8	19	47	1	1	1	1	1	0	0	0
9	14	20	14	9	24	68	1	1	1	1	1	1	1	1
8	12	21	14	8	23	54	1	1	1	1	1	1	1	0
7	12	22	12	8	21	63	0	1	1	1	1	1	1	1
6	11	17	11	7	20	32	0	0	0	0	0	0	1	0
9	13	17	13	8	18	55	1	1	0	1	1	0	1	1
9	12	18	12	9	20	57	1	1	0	1	1	1	1	1
9	15	24	12	8	23	68	1	1	1	1	1	1	1	1
8	13	22	12	8	19	34	1	1	1	1	1	0	0	0
9	14	22	14	8	20	47	1	1	1	1	1	1	1	0



89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

8	13	23	14	9	22	52	1	1	1	1	1	1	1	0
10	14	23	15	10	24	88	1	1	1	1	1	1	1	1
10	13	22	13	9	22	64	1	1	1	1	1	1	1	1
9	14	21	13	8	21	46	1	1	1	1	1	1	1	0
9	15	24	14	10	23	69	1	1	1	1	1	1	1	1
8	14	23	13	9	25	78	1	1	1	1	1	1	1	1
8	15	20	12	9	25	65	1	1	1	1	1	1	1	1
8	15	25	15	9	25	76	1	1	1	1	1	1	1	1
9	14	21	14	10	23	78	1	1	1	1	1	1	1	1
8	12	18	12	9	21	63	1	1	0	1	1	1	1	1
10	12	21	12	9	23	84	1	1	1	1	1	1	1	1
10	14	25	14	8	21	74	1	1	1	1	1	1	1	1
10	12	22	14	9	23	76	1	1	1	1	1	1	1	1
8	15	23	13	10	22	76	1	1	1	1	1	1	1	1
9	15	24	13	10	24	78	1	1	1	1	1	1	1	1
10	15	25	15	10	21	89	1	1	1	1	1	1	1	1
9	15	23	15	8	24	64	1	1	1	1	1	1	1	1
8	12	22	12	8	20	54	1	1	1	1	1	1	1	0
8	13	22	14	9	23	68	1	1	1	1	1	1	1	1
8	11	22	12	9	21	53	1	0	1	1	1	1	1	0
8	13	18	12	8	18	57	1	1	0	1	1	0	1	1
9	13	24	14	9	22	61	1	1	1	1	1	1	1	1
8	14	24	14	9	24	75	1	1	1	1	1	1	1	1
10	13	22	13	9	23	76	1	1	1	1	1	1	1	1
9	15	22	13	9	25	78	1	1	1	1	1	1	1	1
10	15	25	13	8	24	84	1	1	1	1	1	1	1	1
8	13	21	12	7	19	46	1	1	1	1	0	0	0	0
8	12	21	12	8	21	55	1	1	1	1	1	1	1	1
9	13	23	13	9	23	67	1	1	1	1	1	1	1	1
8	14	23	15	9	24	86	1	1	1	1	1	1	1	1
8	14	25	15	10	24	78	1	1	1	1	1	1	1	1
8	14	22	14	10	21	65	1	1	1	1	1	1	1	1
9	12	23	12	8	24	67	1	1	1	1	1	1	1	1
8	13	21	13	8	18	54	1	1	1	1	1	0	0	0

1	107	113	110	117	113	100	88
0	15	9	12	5	9	19	34
CO attn	0.88	0.93	0.90	0.96	0.93	0.84	0.72

Avg Attn	0.91
Attn Level	3

Avg Attn	0.72
Attn Level	2

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level		2.5											
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.00	1.83	1.17	2.00	2.00	2.00	2.50	2.67	1.80	1.80	2.00	
Overall(Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Attainment of PO for this course	2.50	1.67	1.53	0.97	1.67	1.67	1.67	2.08	2.22	1.50	1.50	1.67	1.72

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.17	2.33	
Overall(Direct) CO attainment level	2.50	2.50	2.50	
Attainment of PSO for this course	2.50	1.81	1.94	2.08



Mapping of CO with PO and PSO of Formal Language & Automata Theory (Paper code: CS-402)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	1	2	1	-	-	-	-	-	-	-	-	1
	CO2	2	2	2	-	-	-	-	-	-	-	-	1
	CO3	2	2	2	-	-	-	-	-	-	-	-	1
	CO4	2	2	2	-	-	-	-	-	-	-	-	2
	CO5	2	2	2	-	-	-	-	-	-	-	-	1
	CO6	2	2	1	-	-	-	-	-	-	-	-	1
AVERAGE	1.83	2.00	1.67	0	0	0	0	0	0	0	0	0	1.17

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	2	1
	CO2	1	1	2
	CO3	1	1	2
	CO4	1	2	1
	CO5	1	1	2
	CO6	1	1	1
AVERAGE	1.00	1.33	1.50	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Course Outcomes	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam		
					CA1/CA2/CA3/CA4							100	CO1	CO2	CO3	CO4	CO5		CO6	
					CO1	CO2	CO3	CO4	CO5	CO6										
					60%															50%
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		15	19	14	13	15	14	75	1	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		15	19	13	13	13	12	75	1	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		13	21	14	10	12	10	65	1	1	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY		12	18	11	13	13	10	65	1	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		12	20	11	10	13	12	65	1	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		13	17	13	11	11	10	65	1	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		12	22	13	14	13	13	75	1	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		13	17	11	12	11	11	65	1	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		14	20	12	15	15	13	75	1	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		13	18	13	13	11	13	65	1	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		10	17	13	13	12	12	65	1	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		12	20	14	12	15	13	75	1	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		13	22	10	12	11	13	65	1	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		10	18	14	10	10	12	65	1	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRJANI ROY		14	25	13	12	13	12	75	1	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		13	24	14	12	13	14	75	1	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		14	22	15	14	12	14	75	1	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		14	25	15	14	16	15	85	1	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		12	21	10	13	11	12	65	1	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		13	19	15	13	14	13	75	1	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUFYADEEP MUKHERJEE		13	23	11	10	13	12	65	1	1	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI		12	22	15	15	12	13	75	1	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		15	25	13	15	13	13	85	1	1	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY		15	25	13	15	13	13	85	1	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		12	21	11	12	12	10	65	1	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		15	20	15	14	13	13	75	1	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		7	12	10	9	10	9	45	0	0	1	1	1	1	1	1	0
28	IT2017/031	11700217036	SIMRAN SHAW		12	19	15	15	12	15	75	1	1	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		15	20	15	13	14	14	75	1	1	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		10	17	8	10	8	10	45	1	1	0	1	0	1	0	1	0
31	IT2017/050	11700217039	SHREYA SENGUPTA		16	23	13	13	14	14	85	1	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		13	22	10	13	10	11	65	1	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		10	18	13	12	13	11	65	1	1	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		15	19	15	13	14	12	75	1	1	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		13	23	13	10	13	11	65	1	1	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR		11	15	9	9	9	9	55	1	1	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		10	20	12	12	11	12	55	1	1	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		9	18	13	10	10	10	55	1	1	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW		12	20	13	11	12	9	55	1	1	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		9	15	10	10	10	12	55	1	1	1	1	1	1	1	1	1



41	IT2017/065	11700217049	SATMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA

14	24	14	14	14	12	75	1	1	1	1	1	1	1	1
6	15	10	6	6	7	35	0	1	1	0	0	0	0	0
14	22	14	12	14	12	75	1	1	1	1	1	1	1	1
14	23	14	14	13	15	75	1	1	1	1	1	1	1	1
15	25	14	13	12	14	75	1	1	1	1	1	1	1	1
8	9	7	8	7	7	35	0	0	0	0	0	0	0	0
13	25	15	16	14	14	85	1	1	1	1	1	1	1	1
13	19	13	12	13	15	75	1	1	1	1	1	1	1	1
14	22	13	15	13	15	85	1	1	1	1	1	1	1	1
16	22	15	16	14	15	85	1	1	1	1	1	1	1	1
13	20	14	11	12	12	65	1	1	1	1	1	1	1	1
10	21	11	11	13	13	65	1	1	1	1	1	1	1	1
11	15	13	12	9	10	55	1	1	1	1	1	1	1	1
10	18	9	11	10	10	55	1	1	1	1	1	1	1	1
15	25	12	12	12	13	75	1	1	1	1	1	1	1	1
15	19	15	14	15	13	75	1	1	1	1	1	1	1	1
11	17	12	10	12	10	65	1	1	1	1	1	1	1	1
13	23	13	11	10	13	65	1	1	1	1	1	1	1	1
12	21	15	12	15	14	75	1	1	1	1	1	1	1	1
12	19	10	12	12	10	55	1	1	1	1	1	1	1	1
14	25	15	15	14	15	75	1	1	1	1	1	1	1	1
9	17	11	9	9	10	45	1	1	1	1	1	1	1	0
14	24	15	12	12	13	75	1	1	1	1	1	1	1	1
13	21	14	13	13	13	75	1	1	1	1	1	1	1	1
13	19	14	14	15	14	75	1	1	1	1	1	1	1	1
16	25	15	13	15	15	85	1	1	1	1	1	1	1	1
9	17	9	9	10	12	55	1	1	1	1	1	1	1	1
15	25	14	13	13	12	75	1	1	1	1	1	1	1	1
15	25	15	16	16	15	85	1	1	1	1	1	1	1	1
10	21	13	10	13	13	65	1	1	1	1	1	1	1	1
12	15	11	12	9	11	55	1	1	1	1	1	1	1	1
9	14	10	11	9	11	55	1	0	1	1	1	1	1	1
12	22	12	12	14	15	75	1	1	1	1	1	1	1	1
13	17	13	10	12	13	65	1	1	1	1	1	1	1	1
10	20	9	11	11	9	55	1	1	1	1	1	1	1	1
10	16	10	7	10	8	45	1	1	1	0	1	0	0	0
7	12	8	8	10	10	45	0	0	0	0	1	1	1	0
13	23	14	15	13	13	75	1	1	1	1	1	1	1	1
6	10	9	9	9	8	35	0	0	1	1	1	0	0	0
12	17	10	11	13	11	65	1	1	1	1	1	1	1	1
11	14	9	11	10	12	55	1	0	1	1	1	1	1	1
8	15	8	9	9	7	45	0	1	0	1	1	0	0	0
8	13	10	10	10	9	45	0	0	1	1	1	1	1	0
15	21	14	13	15	15	75	1	1	1	1	1	1	1	1
12	23	10	10	11	10	65	1	1	1	1	1	1	1	1
14	25	15	16	14	13	85	1	1	1	1	1	1	1	1
10	12	7	8	7	10	45	1	0	0	0	0	1	1	0
15	20	15	14	14	13	75	1	1	1	1	1	1	1	1
13	22	13	12	14	13	75	1	1	1	1	1	1	1	1
14	25	15	13	13	15	85	1	1	1	1	1	1	1	1
14	23	13	13	16	14	85	1	1	1	1	1	1	1	1
9	15	11	9	9	11	55	1	1	1	1	1	1	1	1
10	18	9	10	8	9	45	1	1	1	1	0	1	1	0
12	19	13	13	11	11	65	1	1	1	1	1	1	1	1
15	22	15	13	15	14	85	1	1	1	1	1	1	1	1
16	22	15	15	14	15	85	1	1	1	1	1	1	1	1
16	24	15	17	17	15	95	1	1	1	1	1	1	1	1
14	23	15	14	15	13	85	1	1	1	1	1	1	1	1
14	25	14	14	14	15	85	1	1	1	1	1	1	1	1
15	25	15	13	15	13	85	1	1	1	1	1	1	1	1
12	22	11	12	13	11	65	1	1	1	1	1	1	1	1
11	18	10	12	10	9	55	1	1	1	1	1	1	1	1
10	18	14	12	12	13	65	1	1	1	1	1	1	1	1
14	22	15	13	14	15	85	1	1	1	1	1	1	1	1
12	18	11	10	13	13	65	1	1	1	1	1	1	1	1
14	23	15	12	13	14	75	1	1	1	1	1	1	1	1
16	24	14	15	14	13	85	1	1	1	1	1	1	1	1
13	21	15	15	14	14	75	1	1	1	1	1	1	1	1
9	15	13	9	9	9	55	1	1	1	1	1	1	1	1
12	20	13	13	11	11	65	1	1	1	1	1	1	1	1
14	20	13	14	15	13	75	1	1	1	1	1	1	1	1
14	21	13	12	12	13	75	1	1	1	1	1	1	1	1
12	25	12	12	14	12	75	1	1	1	1	1	1	1	1
14	25	15	15	16	13	85	1	1	1	1	1	1	1	1
11	14	9	12	12	12	55	1	0	1	1	1	1	1	1



116	IT2017/125	11700217125	ADITYA KUMAR JHA	12	18	10	9	10	11	55	1	1	1	1	1	1	1	1
117	IT2017/003	11700217126	ADITYA BHATTACHARYA	10	14	12	12	10	9	55	1	0	1	1	1	1	1	1
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI	11	22	14	13	12	12	65	1	1	1	1	1	1	1	1
119	IT2017/041	11700217128	ABHISHEK PAREEK	12	17	12	11	10	13	65	1	1	1	1	1	1	1	1
120	IT2017/086	11700217129	ABHISHEK KUMAR	13	18	14	10	10	13	65	1	1	1	1	1	1	1	1
121	IT2018/L01	11700218001	JOYEETA SAHA	9	20	12	12	10	10	55	1	1	1	1	1	1	1	1
122	IT2018/L02	11700218002	ABHISHEK DEY	8	11	8	7	9	9	35	0	0	0	0	0	1	1	0

1	114	111	116	116	117	117	109
0	8	11	6	6	5	5	13
CO attn	0.93	0.91	0.95	0.95	0.96	0.96	0.89

Avg Attn	0.944
Attn Level	3

Avg Attn	0.89
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level				3									
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	1.83	2.00	1.67	0	0	0	0	0	0	0	0	1.17	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	1.83	2.00	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	0.56

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.00	1.33	1.50	
Overall (Direct) CO attainment level	3	3.00	3.00	
Attainment of PSO for this course	1	1.33	1.50	1.28

Mapping of CO with PO and PSO of Object Oriented Programming Language (Paper code: IT401)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	1	1	1	1	-	-	-	-	-	1	1
	CO2	1	1	1	1	1	-	-	-	-	-	-	1
	CO3	2	1	1	1	1	-	-	-	-	-	-	1
	CO4	1	2	1	1	1	-	-	-	-	-	-	1
	CO5	1	2	1	1	1	-	-	-	-	-	-	1
	CO6	1	1	3	1	3	-	-	-	2	2	2	1
	AVERAGE	1.33	1.33	1.33	1.00	1.33	0	0	0	2.00	2.00	1.50	1.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	-	1
	CO2	3	-	1
	CO3	3	-	1
	CO4	3	-	1
	CO5	3	-	1
	CO6	3	1	1
AVERAGE	3.00	1.00	1.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam
					CA1/CA2/CA3/CA4							100	CO1	CO2	CO3	CO4	CO5	
					CO1	CO2	CO3	CO4	CO5	CO6								
					10	15	25	15	10	25	70%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		8	13	21	12	6	22	75	1	1	1	1	0	1	1
2	IT2017/121	11700217008	SUVAM PATRA		7	13	20	11	8	24	85	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		8	5	16	10	7	20	25	1	0	0	0	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	12	23	13	9	23	85	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		10	10	22	10	6	22	65	1	0	1	0	0	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		8	13	21	13	9	21	85	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		7	13	21	13	7	23	85	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		9	14	23	15	8	23	85	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		10	13	24	14	9	22	85	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		10	12	21	12	10	22	85	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		10	13	23	11	6	23	75	1	1	1	1	0	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		9	14	23	13	10	21	85	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		6	14	20	12	8	22	85	0	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		7	13	20	12	8	22	85	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		6	13	24	14	9	21	75	0	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	14	23	13	10	21	85	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		10	13	24	15	9	23	85	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		7	14	20	14	8	22	75	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		6	13	24	15	9	21	75	0	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	13	22	14	8	21	85	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		6	12	20	13	7	21	75	0	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI		6	15	23	15	9	22	75	0	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		5	8	8	11	7	11	75	0	0	0	1	1	0	1
24	IT2017/045	11700217032	SOHAM ROY		6	14	24	14	9	21	85	0	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		6	14	23	14	10	22	75	0	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		6	14	22	12	8	21	75	0	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		7	13	20	10	6	21	55	1	1	1	0	0	1	0
28	IT2017/031	11700217036	SIMRAN SHAW		9	12	21	14	8	21	85	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		8	13	22	14	9	22	85	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		7	12	21	10	6	22	55	1	1	1	0	0	1	0
31	IT2017/050	11700217039	SHREYA SENGUPTA		6	12	22	14	8	21	85	0	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		9	14	23	10	6	22	65	1	1	1	0	0	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		6	13	23	13	6	22	55	0	1	1	1	0	1	0
34	IT2017/099	11700217042	SHIVAM		8	14	23	10	6	21	65	1	1	1	0	0	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		6	14	23	14	10	22	75	0	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR		8	15	24	15	9	23	85	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		8	13	22	10	9	22	75	1	1	1	0	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		6	15	25	15	10	22	75	0	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW		9	14	24	10	6	20	65	1	1	1	0	0	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		6	9	20	11	6	22	65	0	0	1	1	0	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA		8	11	20	13	7	23	85	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH		6	8	23	10	6	22	45	0	0	1	0	0	1	0
43	IT2017/017	11700217051	ROHAN SHAH		9	13	24	10	9	20	75	1	1	1	0	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY		6	13	21	10	8	21	75	0	1	1	0	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE		8	13	22	13	9	22	85	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		7	8	16	10	6	22	45	1	0	0	0	0	1	0
47	IT2017/002	11700217055	RIYA KIRTANIA		7	13	24	10	6	23	75	1	1	1	0	0	1	1
48	IT2017/110	11700217056	RITAYAN DHARA		7	12	24	10	6	21	65	1	1	1	0	0	1	1
49	IT2017/022	11700217057	RIJA DEY		7	13	23	14	9	20	75	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		9	14	23	14	10	22	75	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL		7	13	23	10	8	22	65	1	1	1	0	1	1	1
52	IT2017/043	11700217060	RAVI KUMAR		7	13	21	10	9	21	65	1	1	1	0	1	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA		8	12	20	13	6	22	65	1	1	1	1	0	1	1
54	IT2017/107	11700217062	RAKESH KUMAR		9	10	23	10	6	21	55	1	0	1	0	0	1	0
55	IT2017/016	11700217063	RAJAT BISWAS		9	11	20	10	6	22	55	1	1	1	0	0	1	0
56	IT2017/046	11700217064	PRIYANSHU JHA		10	14	24	14	9	22	85	1	1	1	1	1	1	1
57	IT2017/114	11700217065	PRIYA SINHA		10	13	23	10	6	21	65	1	1	1	0	0	1	1
58	IT2017/049	11700217066	PREETAM GHOSH		8	12	20	14	6	21	75	1	1	1	1	0	1	1
59	IT2017/118	11700217067	PRATYAY RUDRA		8	14	22	12	10	22	75	1	1	1	1	1	1	1
60	IT2017/048	11700217068	PRASHANT KUMAR		7	10	20	10	6	22	55	1	0	1	0	0	1	0



61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMEVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

9	12	21	12	9	22	85	1	1	1	1	1	1	1	1
9	8	10	10	6	21	45	1	0	0	0	0	1	0	0
9	13	23	13	9	24	85	1	1	1	1	1	1	1	1
9	14	23	10	8	23	65	1	1	1	0	1	1	1	1
7	13	23	10	6	20	55	1	1	1	0	0	1	0	0
8	13	21	11	9	22	75	1	1	1	1	1	1	1	1
7	12	20	11	9	21	85	1	1	1	1	1	1	1	1
8	14	22	13	9	22	75	1	1	1	1	1	1	1	1
10	12	20	13	8	22	65	1	1	1	1	1	1	1	1
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8	12	21	13	8	21	75	1	1	1	1	1	1	1	1
7	10	22	10	6	22	55	1	0	1	0	0	1	0	0
9	11	20	12	9	22	85	1	1	1	1	1	1	1	1
9	12	22	10	9	21	65	1	1	1	0	1	1	1	1
9	11	20	10	9	22	55	1	1	1	0	1	1	0	0
8	8	16	10	6	21	45	1	0	0	0	0	1	0	0
9	10	23	10	6	22	55	1	0	1	0	0	1	0	0
9	10	22	13	10	22	75	1	0	1	1	1	1	1	1
9	12	20	10	6	21	55	1	1	1	0	0	1	0	0
9	10	23	10	6	21	55	1	0	1	0	0	1	0	0
7	10	24	1	6	21	65	1	0	1	0	0	1	1	1
8	13	23	13	9	21	75	1	1	1	1	1	1	1	1
8	12	20	10	6	21	55	1	1	1	0	0	1	0	0
9	13	20	12	6	22	75	1	1	1	1	0	1	1	1
9	12	22	13	6	22	75	1	1	1	1	0	1	1	1
8	12	20	11	6	22	85	1	1	1	1	0	1	1	1
8	8	16	10	6	22	45	1	0	0	0	0	1	0	0
9	12	22	13	9	22	75	1	1	1	1	1	1	1	1
7	8	16	10	7	21	45	1	0	0	0	1	1	0	0
9	11	20	13	7	19	75	1	1	1	1	1	1	1	1
7	8	16	10	9	21	45	1	0	0	0	1	1	0	0
7	8	16	10	8	22	45	1	0	0	0	1	1	0	0
7	10	22	10	9	22	55	1	0	1	0	1	1	0	0
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8	14	23	13	8	22	85	1	1	1	1	1	1	1	1
7	13	20	12	9	22	75	1	1	1	1	1	1	1	1
9	11	22	12	8	21	65	1	1	1	1	1	1	1	1
10	12	23	14	7	22	75	1	1	1	1	1	1	1	1
10	12	22	14	8	21	85	1	1	1	1	1	1	1	1
9	10	23	10	7	23	55	1	0	1	0	1	1	0	0
7	8	16	10	8	21	45	1	0	0	0	1	1	0	0
9	13	22	13	9	20	75	1	1	1	1	1	1	1	1
10	10	22	13	9	22	65	1	0	1	1	1	1	1	1
8	10	20	12	8	21	65	1	0	1	1	1	1	1	1
9	10	21	12	9	22	65	1	0	1	1	1	1	1	1
9	10	22	13	8	22	75	1	0	1	1	1	1	1	1
7	8	16	10	9	22	45	1	0	0	0	1	1	0	0
7	8	16	10	8	22	45	1	0	0	0	1	1	0	0
9	9	16	10	8	21	55	1	0	0	0	1	1	0	0
8	13	21	11	8	22	65	1	1	1	1	1	1	1	1
7	12	20	11	8	21	65	1	1	1	1	1	1	1	1
8	10	22	13	8	21	75	1	0	1	1	1	1	1	1
10	10	20	13	8	21	65	1	0	1	1	1	1	1	1
9	13	22	14	8	22	65	1	1	1	1	1	1	1	1
8	10	21	10	8	22	55	1	0	1	0	1	1	0	0
9	10	22	12	8	22	75	1	0	1	1	1	1	1	1
9	11	20	12	9	22	85	1	1	1	1	1	1	1	1
9	12	22	13	8	22	65	1	1	1	1	1	1	1	1
9	11	20	12	9	21	75	1	1	1	1	1	1	1	1
8	10	22	13	8	22	65	1	0	1	1	1	1	1	1
9	10	23	13	6	21	55	1	0	1	1	0	1	0	0

1	106	87	109	79	88	121	92
0	16	35	13	43	34	1	30
CO attn	0.87	0.71	0.89	0.65	0.72	0.99	0.75

Avg Attn	0.81
Attn Level	3

Avg Attn	0.75
Attn Level	2



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											2.5		
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	1.33	1.33	1.33	1.00	1.33	0	0	0	2.00	2.00	1.50	1.00	
Overall (Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Attainment of PO for this course	1.11	1.11	1.11	0.83	1.11	0.00	0.00	0.00	1.67	1.67	1.25	0.83	0.89

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3			
	PSO1	PSO2	PSO3
Avg values from table 2	3.00	1.00	1.00
Overall (Direct) CO attainment level	2.5	2.50	2.50
Attainment of PSO for this course	2.5	0.83	0.83

Mapping of CO with PO and PSO of Values & Ethics in Profession (Paper code: HU481)													
Enter correlation levels 1, 2 or 3 as defined below :													
1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)													

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	1	-	-	3	-	-	2	3	3	-	3
	CO2	-	2	3	2	-	-	2	2	3	3	2	3
	CO3	2	1	-	2	3	2	2	2	3	3	2	3
	CO4	1	3	3	3	3	3	2	3	3	3	2	3
	CO5	-	2	2	3	2	2	2	3	3	3	-	3
	CO6	3	2	2	3	2	3	2	2	3	3	2	3
	AVERAGE	2.25	1.83	2.50	2.60	2.60	2.50	2.00	2.33	3.00	3.00	2.00	3.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	3	1
	CO2	-	3	2
	CO3	2	3	1
	CO4	1	3	-
	CO5	-	3	1
	CO6	3	3	-
AVERAGE	2.25	3.00	1.25	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Target Level	Internal Continuous Assessment (60)						External Assessment (40)	Course Outcome						CO Attainment in Univ Exam	
					Continuous Assessment-1 (30)			Continuous Assessment-2 (30)				Univ. Exam	Course Outcome						
					CO1	CO2	CO3	CO4	CO5	CO6			CO1	CO2	CO3	CO4	CO5		CO6
					80%						80%	80%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		9	8	9	8	9	9	34	1	1	1	1	1	1	1	
2	IT2017/121	11700217008	SUVAM PATRA		8	8	7	8	8	7	30	1	1	0	1	1	0	0	
3	IT2017/089	11700217009	SUSNATA DAS		9	9	8	9	9	8	34	1	1	1	1	1	1	1	
4	IT2017/015	11700217010	SURYAPRATIM RAY		9	9	8	8	8	8	38	1	1	1	1	1	1	1	
5	IT2017/062	11700217011	SURAJ KUMAR		10	9	10	10	10	9	30	1	1	1	1	1	1	0	
6	IT2017/054	11700217012	SUPRATIM DAS		9	8	9	8	9	9	38	1	1	1	1	1	1	1	
7	IT2017/053	11700217013	SUMEDHA SEN		10	9	10	10	10	9	34	1	1	1	1	1	1	1	
8	IT2017/039	11700217014	SUMAN KAYAL		8	8	8	8	8	7	38	1	1	1	1	1	1	1	
9	IT2017/067	11700217015	SUKANYA SAHA		9	8	9	8	9	9	38	1	1	1	1	1	1	1	
10	IT2017/081	11700217016	SUBHASHRI DAS		8	7	8	7	8	8	30	1	0	1	0	1	1	0	
11	IT2017/117	11700217017	SUBHANKAR NATH		9	8	9	8	9	9	38	1	1	1	1	1	1	1	
12	IT2017/052	11700217018	SUBHANGEE		9	8	9	8	9	9	38	1	1	1	1	1	1	1	
13	IT2017/021	11700217019	SUBARNA SARKAR		8	7	8	7	8	8	34	1	0	1	0	1	1	1	
14	IT2017/038	11700217020	SRIPARNA GIRI		9	8	9	8	9	9	30	1	1	1	1	1	1	0	
15	IT2017/011	11700217021	SRIJAYEE SAHA		9	9	8	9	9	7	34	1	1	1	1	1	0	1	
16	IT2017/094	11700217022	SRIJANI ROY		9	8	9	8	9	9	34	1	1	1	1	1	1	1	
17	IT2017/120	11700217023	SREYASHI KARMAKAR		8	7	8	8	8	8	38	1	0	1	1	1	1	1	



18	IT2017/012	11700217024	SOURAV SHAW
19	IT2017/075	11700217025	SOURAV SARKAR
20	IT2017/064	11700217026	SOURAV SAMANTA
21	IT2017/069	11700217027	SOURAV JAISWAL
22	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE
23	IT2017/063	11700217030	SONALI
24	IT2017/109	11700217031	SOMENATH RANA
25	IT2017/045	11700217032	SOHAM ROY
26	IT2017/079	11700217033	SOHAM BANERJEE
27	IT2017/044	11700217034	SNEHA DEEP
28	IT2017/083	11700217035	SK ISHAN ALI
29	IT2017/031	11700217036	SIMRAN SHAW
30	IT2017/023	11700217037	SIMANTINI GHOSH
31	IT2017/056	11700217038	SIDHU KUMAR
32	IT2017/050	11700217039	SHREYA SENGUPTA
33	IT2017/035	11700217040	SHIVANI KUMARI
34	IT2017/087	11700217041	SHIVAM KUMAR SINGH
35	IT2017/099	11700217042	SHIVAM
36	IT2017/097	11700217043	SHEIKH TABISH
37	IT2017/072	11700217044	SAYED AKHTAR
38	IT2017/009	11700217045	SAYANTAN BISWAS
39	IT2017/098	11700217046	SAYAN MUKHERJEE
40	IT2017/032	11700217047	SALINE SHAW
41	IT2017/078	11700217048	SAKSHI KUTRIYAR
42	IT2017/065	11700217049	SAIMANTI LAHA
43	IT2017/105	11700217050	SAHIL PRAKASH
44	IT2017/017	11700217051	ROHAN SHAH
45	IT2017/058	11700217052	ROHAN KUMAR ROY
46	IT2017/010	11700217053	ROHAN BANERJEE
47	IT2017/030	11700217054	RIZWAN ANSARI
48	IT2017/002	11700217055	RIYA KIRTANIA
49	IT2017/110	11700217056	RITAYAN DHARA
50	IT2017/022	11700217057	RIJA DEY
51	IT2017/040	11700217058	REEMA HAZRA
52	IT2017/123	11700217059	RAYA PAUL
53	IT2017/043	11700217060	RAVI KUMAR
54	IT2017/070	11700217061	RAUNAK GUPTA
55	IT2017/107	11700217062	RAKESH KUMAR
56	IT2017/016	11700217063	RAJAT BISWAS
57	IT2017/046	11700217064	PRIYANSHU JHA
58	IT2017/114	11700217065	PRIYA SINHA
59	IT2017/049	11700217066	PREETAM GHOSH
60	IT2017/118	11700217067	PRATYAY RUDRA
61	IT2017/048	11700217068	PRASHANT KUMAR
62	IT2017/113	11700217069	PRAPTY CHANDA
63	IT2017/112	11700217070	PRAGATI KUMARI
64	IT2017/071	11700217071	POULOMI SEN
65	IT2017/033	11700217072	PIYUSH KUMAR
66	IT2017/061	11700217073	PINKI KUMARI
67	IT2017/057	11700217074	NISHANT GAURAV
68	IT2017/106	11700217075	NILORMI DAS
69	IT2017/027	11700217076	NILANJAN DUTTA
70	IT2017/047	11700217077	NEHA PRIYADARSHNI
71	IT2017/095	11700217078	NATASHA CHANDA
72	IT2017/007	11700217079	NADEEM RAZA KHAN
73	IT2017/108	11700217080	MUKESH KUMAR
74	IT2017/119	11700217081	MOHAMMED ARSALAN
75	IT2017/077	11700217082	MD TAHIR
76	IT2017/076	11700217083	MD NOORAIN
77	IT2017/074	11700217084	MD JAVED AKHTAR
78	IT2017/084	11700217085	MD DANISHULLAH
79	IT2017/029	11700217086	MANAB MALAKAR
80	IT2017/034	11700217087	MADHUMITA GAYEN
81	IT2017/082	11700217088	KUMAR ROHAN
82	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
83	IT2017/004	11700217090	KANKANA SAHA
84	IT2017/100	11700217091	IMRAN ALAM
85	IT2017/018	11700217092	HARSHIT BAISHKIYAR
86	IT2017/036	11700217093	GOURAV BHATTACHARJEE
87	IT2017/073	11700217094	GOURAB TALUKDAR
88	IT2017/104	11700217095	DISHANI KAR
89	IT2017/055	11700217096	DIPANJANA GHOSH
90	IT2017/122	11700217097	DEVASHREE MAHATO
91	IT2017/024	11700217098	DAIPAYAN KHAMARU
92	IT2017/066	11700217099	BISWADEEP SARKAR
93	IT2017/091	11700217100	BICKY KUMAR
94	IT2017/090	11700217101	BARNIK PODDER
95	IT2017/026	11700217102	ATINDRA KUMAR SINGH

8	8	7	7	8	8	38	1	1	0	0	1	1	1
9	8	9	8	9	9	34	1	1	1	1	1	1	1
10	9	10	10	10	9	38	1	1	1	1	1	1	1
7	8	8	7	8	8	34	0	1	1	0	1	1	1
9	8	9	8	9	9	34	1	1	1	1	1	1	1
8	7	8	7	8	8	30	1	0	1	0	1	1	0
9	8	9	8	9	9	34	1	1	1	1	1	1	1
9	8	9	8	9	9	38	1	1	1	1	1	1	1
9	8	9	8	9	9	38	1	1	1	1	1	1	1
9	9	9	8	9	8	34	1	1	1	1	1	1	1
9	8	9	8	9	9	38	1	1	1	1	1	1	1
10	9	10	10	10	9	38	1	1	1	1	1	1	1
9	8	9	8	9	9	38	1	1	1	1	1	1	1
9	8	9	8	9	9	34	1	1	1	1	1	1	1
10	9	10	10	10	9	30	1	1	1	1	1	1	0
9	9	8	8	9	8	25	1	1	1	1	1	1	0
10	9	10	10	10	9	38	1	1	1	1	1	1	1
10	9	10	10	10	9	38	1	1	1	1	1	1	1
10	9	10	10	10	9	34	1	1	1	1	1	1	1
8	8	7	8	8	7	38	1	1	0	1	1	0	1
9	8	8	9	8	8	38	1	1	1	1	1	1	1
9	8	9	8	9	9	30	1	1	1	1	1	1	0
8	8	7	8	8	7	38	1	1	0	1	1	0	1
9	8	9	8	9	9	30	1	1	1	1	1	1	0
8	8	7	8	8	7	38	1	1	0	1	1	0	1
10	9	10	10	10	9	38	1	1	1	1	1	1	1
10	9	10	10	10	9	30	1	1	1	1	1	1	0
10	9	10	10	10	9	30	1	1	1	1	1	1	0
10	9	10	10	10	9	38	1	1	1	1	1	1	1
9	7	8	9	7	8	38	1	0	1	1	0	1	1
8	9	8	8	9	8	38	1	1	1	1	1	1	1
0	0	0	2	5	2	10	0	0	0	0	0	0	0
9	7	9	8	7	9	38	1	0	1	1	0	1	1
9	8	9	8	9	9	30	1	1	1	1	1	1	0
8	7	7	8	8	7	38	1	0	0	1	1	0	1
10	9	10	10	10	9	38	1	1	1	1	1	1	1
10	9	10	10	10	9	30	1	1	1	1	1	1	0
10	9	10	10	10	9	34	1	1	1	1	1	1	1
7	8	5	8	5	7	38	0	1	0	1	0	0	1
10	9	10	10	10	9	25	1	1	1	1	1	1	0
8	8	8	7	8	7	34	1	1	1	0	1	0	1
9	9	8	9	9	8	38	1	1	1	1	1	1	1
10	9	10	10	10	9	30	1	1	1	1	1	1	0
8	8	7	8	8	7	38	1	1	0	1	1	0	1
9	8	9	8	9	9	30	1	1	1	1	1	1	0
8	8	7	8	8	7	34	1	1	0	1	1	0	1
8	7	7	8	8	7	38	1	0	0	1	1	0	1
9	8	8	8	9	8	30	1	1	1	1	1	1	0
10	9	10	10	10	9	38	1	1	1	1	1	1	1
9	8	9	8	9	9	34	1	1	1	1	1	1	1
10	9	10	10	10	9	34	1	1	1	1	1	1	1
9	8	9	8	9	9	34	1	1	1	1	1	1	1
9	8	9	8	9	9	30	1	1	1	1	1	1	0
7	5	7	5	5	7	20	0	0	0	0	0	0	0
10	9	10	10	10	9	30	1	1	1	1	1	1	0
9	8	9	8	9	9	34	1	1	1	1	1	1	1
8	9	7	5	8	7	25	1	1	0	0	1	0	0
9	9	8	8	8	8	38	1	1	1	1	1	1	1
10	9	10	10	10	9	30	1	1	1	1	1	1	0
9	8	9	8	9	9	34	1	1	1	1	1	1	1
9	8	9	8	9	9	30	1	1	1	1	1	1	0
10	9	10	10	10	9	30	1	1	1	1	1	1	0
8	7	7	7	8	7	25	1	0	0	0	1	0	0
10	9	10	10	10	9	34	1	1	1	1	1	1	1
10	9	10	10	10	9	30	1	1	1	1	1	1	0
9	8	8	9	9	8	30	1	1	1	1	1	1	0
8	5	7	5	7	7	25	1	0	0	0	0	0	0
9	8	9	8	9	9	38	1	1	1	1	1	1	1
9	8	9	8	9	9	30	1	1	1	1	1	1	0
9	8	7	8	9	9	38	1	1	0	1	1	1	1
7	7	5	5	7	7	20	0	0	0	0	0	0	0
9	5	5	8	9	9	34	1	0	0	1	1	1	1
8	8	7	8	7	7	34	1	1	0	1	0	0	1
9	8	9	8	9	9	38	1	1	1	1	1	1	1
8	7	8	8	8	8	38	1	0	1	1	1	1	1



96	IT2017/020	11700217103	ASMITA GHOSH
97	IT2017/025	11700217104	ARUNAVA GHOSH
98	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
99	IT2017/059	11700217106	ARNAB DALAL
100	IT2017/103	11700217107	ARKA MONDAL
101	IT2017/068	11700217108	ANUSHREE JAIN
102	IT2017/001	11700217109	ANTU KUNDU
103	IT2017/092	11700217110	ANTARA PAUL
104	IT2017/042	11700217111	ANKUR SARKAR
105	IT2017/080	11700217112	ANKUR KUMAR
106	IT2017/101	11700217113	ANKITA SINGH
107	IT2017/028	11700217114	ANKIT SHARMA
108	IT2017/006	11700217115	ANKIT PRAMANIK
109	IT2017/060	11700217116	ANKIT KUMAR JHA
110	IT2017/093	11700217117	ANIKET MAJUMDAR
111	IT2017/115	11700217118	ANIKET ARORA
112	IT2017/085	11700217119	AMAN KUMAR VERMA
113	IT2017/088	11700217120	AMAN KUMAR
114	IT2017/124	11700217121	AMAN JHA
115	IT2017/102	11700217122	AKRITI
116	IT2017/019	11700217123	ADRIJA DAS
117	IT2017/116	11700217124	ADITYA KUMAR SINHA
118	IT2017/125	11700217125	ADITYA KUMAR JHA
119	IT2017/003	11700217126	ADITYA BHATTACHARYA
120	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
121	IT2017/041	11700217128	ABHISHEK PAREEK
122	IT2017/086	11700217129	ABHISHEK KUMAR

8	8	7	8	8	7	38	1	1	0	1	1	0	1
9	8	9	8	9	9	34	1	1	1	1	1	1	1
9	9	8	9	9	8	34	1	1	1	1	1	1	1
8	8	8	8	8	8	38	1	1	1	1	1	1	1
9	8	9	8	9	9	38	1	1	1	1	1	1	1
8	8	7	8	7	7	38	1	1	0	1	0	0	1
5	5	5	5	5	5	34	0	1	0	0	0	0	1
9	8	8	9	9	8	34	1	0	1	1	1	1	1
8	8	7	8	7	7	34	1	1	0	1	0	0	1
7	8	9	8	7	9	34	0	1	1	1	0	1	1
7	8	9	8	5	9	34	0	0	1	1	0	1	1
7	8	9	8	7	9	38	0	0	1	1	0	1	1
5	8	9	8	0	9	30	0	0	1	1	0	1	0
9	8	9	5	9	9	25	1	0	1	0	1	1	0
8	8	7	5	7	7	25	1	1	0	0	0	0	0
9	8	9	8	9	9	34	1	1	1	1	1	1	1
7	7	8	8	7	8	30	0	1	1	1	0	1	0
7	8	7	8	7	7	30	0	0	0	1	0	0	0
9	8	9	8	9	9	38	1	0	1	1	1	1	1
6	9	8	9	5	8	34	0	1	1	1	0	1	1
5	8	5	5	7	5	16	0	0	0	0	0	0	0
9	8	9	8	9	9	38	1	0	1	1	1	1	1
8	8	7	8	7	7	38	1	1	0	1	0	0	1
9	9	8	9	9	8	38	1	1	1	1	1	1	1
5	5	8	5	7	5	25	0	1	1	0	0	0	0
7	5	8	8	7	5	25	0	0	1	1	0	0	0
7	8	9	8	5	9	30	0	0	1	1	0	1	0

1	104	94	94	104	97	92	80
0	18	28	28	18	25	30	37
CO attn	0.85	0.77	0.77	0.85	0.80	0.75	0.68

Avg Attn	0.80
Attn Lvl	2

Avg Attn	0.68
Attn Lvl	1

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 60% of CO attainment level in internal Assessment + 40% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												1.6	
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.25	1.83	2.50	2.60	2.60	2.50	2.00	2.33	3.00	3.00	2.00	3.00	
Overall(Direct) CO attainment level	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
Attainment of PO for this course	1.20	0.98	1.33	1.39	1.39	1.33	1.07	1.24	1.60	1.60	1.07	1.60	1.32

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.25	3.00	1.25	
Overall(Direct) CO attainment level	1.6	1.6	1.6	
Attainment of PSO for this course	1.20	1.60	0.67	1.16

Mapping of CO with PO and PSO of Numerical Method (Paper Code: M(CS)491)

Enter correlation levels 1, 2 or 3 as defined below :

1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	1	2	1	1	-	-	-	-	1	1	1
	CO2	1	1	1	1	1	-	-	-	-	1	-	1
	CO3	2	1	1	1	1	-	-	-	-	1	-	1
	CO4	1	1	1	1	1	-	-	-	-	1	-	1
	CO5	1	1	1	1	1	-	-	-	-	1	-	1
	CO6	1	1	3	1	3	-	-	-	2	2	2	1
	AVERAGE	1.33	1.00	1.50	1.00	1.33	0	0	0	2.00	1.17	1.50	1.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	-	1
	CO2	3	-	1
	CO3	3	-	1
	CO4	3	-	1
	CO5	3	-	1
	CO6	3	1	1
AVERAGE	3.00	1.00	1.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					15	15	10	15	15	10								
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	14	14	10	14	14	10	50	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	14	15	10	15	14	10	50	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	13	12	10	12	12	9	44	1	1	1	1	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	14	15	10	15	14	10	50	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	15	15	10	14	14	10	50	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	13	13	9	12	12	9	44	1	1	1	1	1	1	0
8	IT2017/067	11700217015	SUKANYA SAHA	80%	14	15	10	14	14	10	50	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	15	14	10	15	14	10	50	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	14	14	10	15	14	10	50	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	14	14	10	14	14	10	50	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	15	14	10	14	15	10	50	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	15	14	10	14	14	10	50	1	1	1	1	1	1	1
18	IT2017/044	11700217025	SOURAV SARKAR	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	14	15	10	14	15	10	50	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	80%	12	13	9	13	13	9	44	1	1	1	1	1	1	0
22	IT2017/063	11700217030	SONALI	80%	15	15	10	15	14	10	50	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA	80%	5	8	8	11	7	11	50	0	0	1	1	0	0	1
24	IT2017/045	11700217032	SOHAM ROY	80%	15	14	10	15	14	10	50	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	12	12	9	12	12	10	44	1	1	1	1	1	1	0
26	IT2017/044	11700217034	SNEHA DEEP	80%	15	14	10	15	14	10	50	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	13	13	10	12	13	10	44	1	1	1	1	1	1	0
28	IT2017/031	11700217036	SIMRAN SHAW	80%	14	15	10	14	14	10	50	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	14	14	10	14	15	10	50	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR	80%	15	14	10	14	14	10	50	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	15	15	10	15	14	10	50	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	15	14	10	15	15	10	50	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	13	12	10	12	12	10	44	1	1	1	1	1	1	0
34	IT2017/099	11700217042	SHIVAM	80%	15	14	10	14	14	10	50	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	15	15	10	15	14	10	50	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR	80%	15	14	10	14	15	10	50	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	15	15	10	15	14	10	50	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE	80%	15	15	10	14	14	10	50	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW	80%	14	15	10	15	15	10	50	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	80%	14	14	10	15	15	10	50	1	1	1	1	1	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH	80%	12	13	10	12	13	9	44	1	1	1	1	1	1	0
43	IT2017/017	11700217051	ROHAN SHAH	80%	15	14	10	14	15	10	50	1	1	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY	80%	15	15	10	14	15	10	50	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE	80%	15	15	10	15	15	10	50	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI	80%	1	1	2	1	1	2	35	0	0	0	0	0	0	0
47	IT2017/002	11700217055	RIYA KIRTANIA	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA	80%	14	15	10	14	14	10	50	1	1	1	1	1	1	1
49	IT2017/022	11700217057	RIJA DEY	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL	80%	15	15	10	14	14	10	50	1	1	1	1	1	1	1
52	IT2017/043	11700217060	RAVI KUMAR	80%	14	14	10	15	14	10	50	1	1	1	1	1	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA	80%	15	14	10	15	15	10	50	1	1	1	1	1	1	1
54	IT2017/107	11700217062	RAKESH KUMAR	80%	13	12	9	12	13	10	44	1	1	1	1	1	1	0
55	IT2017/016	11700217063	RAJAT BISWAS	80%	14	14	10	15	15	10	50	1	1	1	1	1	1	1
56	IT2017/046	11700217064	PRIYANSHU JHA	80%	15	15	10	14	15	10	50	1	1	1	1	1	1	1
57	IT2017/114	11700217065	PRIYA SINHA	80%	14	14	10	14	15	10	50	1	1	1	1	1	1	1
58	IT2017/049	11700217066	PREETAM GHOSH	80%	15	15	10	15	15	10	56	1	1	1	1	1	1	1
59	IT2017/118	11700217067	PRATYAY RUDRA	80%	15	15	10	15	14	10	50	1	1	1	1	1	1	1
60	IT2017/048	11700217068	PRASHANT KUMAR	80%	14	14	10	15	14	10	50	1	1	1	1	1	1	1



61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217044	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/056	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
44	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217050	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
50	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217056	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
56	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/050	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

14	15	10	14	14	10	50	1	1	1	1	1	1	1	1
13	13	9	13	12	10	44	1	1	1	1	1	1	1	0
15	14	10	14	15	10	50	1	1	1	1	1	1	1	1
15	14	10	15	14	10	50	1	1	1	1	1	1	1	1
14	14	10	15	15	10	50	1	1	1	1	1	1	1	1
14	15	10	15	15	10	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
13	13	10	12	12	9	44	1	1	1	1	1	1	1	0
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
13	13	10	12	13	9	44	1	1	1	1	1	1	1	0
15	15	10	14	14	10	50	1	1	1	1	1	1	1	1
15	14	10	15	14	10	50	1	1	1	1	1	1	1	1
15	15	10	15	14	10	50	1	1	1	1	1	1	1	1
15	15	10	15	14	10	50	1	1	1	1	1	1	1	1
12	12	10	12	12	9	44	1	1	1	1	1	1	1	0
13	12	9	13	12	9	44	1	1	1	1	1	1	1	0
14	15	10	14	15	10	50	1	1	1	1	1	1	1	1
12	12	8	12	12	8	65	1	1	1	1	1	1	1	1
14	14	10	14	14	10	50	1	1	1	1	1	1	1	1
14	14	10	14	15	10	50	1	1	1	1	1	1	1	1
14	14	10	14	14	10	50	1	1	1	1	1	1	1	1
12	12	10	13	13	9	44	1	1	1	1	1	1	1	0
14	14	10	15	14	10	50	1	1	1	1	1	1	1	1
13	13	10	13	12	10	44	1	1	1	1	1	1	1	0
15	14	10	15	15	10	50	1	1	1	1	1	1	1	1
13	12	9	13	12	10	44	1	1	1	1	1	1	1	0
15	14	10	14	14	10	50	1	1	1	1	1	1	1	1
12	11	8	11	11	8	65	1	0	1	0	0	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
12	13	10	12	13	10	44	1	1	1	1	1	1	1	0
14	14	10	14	15	10	50	1	1	1	1	1	1	1	1
12	13	9	13	13	10	44	1	1	1	1	1	1	1	0
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
14	14	10	15	15	10	50	1	1	1	1	1	1	1	1
15	15	10	15	14	10	50	1	1	1	1	1	1	1	1
15	15	10	15	14	10	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
15	15	10	15	14	10	50	1	1	1	1	1	1	1	1
12	12	8	12	12	8	65	1	1	1	1	1	1	1	1
15	15	10	15	14	10	50	1	1	1	1	1	1	1	1
14	14	10	15	15	10	50	1	1	1	1	1	1	1	1
15	14	10	14	15	10	50	1	1	1	1	1	1	1	1
13	12	9	13	13	9	44	1	1	1	1	1	1	1	0
15	15	10	14	15	10	50	1	1	1	1	1	1	1	1
13	12	9	13	12	9	44	1	1	1	1	1	1	1	0
13	13	9	13	12	9	44	1	1	1	1	1	1	1	0
13	13	10	12	13	10	44	1	1	1	1	1	1	1	0
14	15	10	15	15	10	50	1	1	1	1	1	1	1	1
12	12	9	12	12	9	44	1	1	1	1	1	1	1	0
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
13	13	9	12	13	9	44	1	1	1	1	1	1	1	0
13	12	9	13	12	10	44	1	1	1	1	1	1	1	0
14	15	10	14	15	10	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
13	12	9	12	13	10	44	1	1	1	1	1	1	1	0
12	12	9	12	13	10	44	1	1	1	1	1	1	1	0
12	12	10	13	13	10	44	1	1	1	1	1	1	1	0
12	13	10	12	13	9	44	1	1	1	1	1	1	1	0

1	120	119	121	120	119	120	92
0	2	1	1	2	3	2	30
CO attn	0.98	0.99	0.99	0.98	0.98	0.98	0.75

Avg Attn	0.98
Attn Level	3

Avg Attn	0.75
Attn Level	2



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											2.4		
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	1.33	1.00	1.50	1.00	1.33	0	0	0	2.00	1.17	1.50	1.00	
Overall(Direct) CO attainment level	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
Attainment of PO for this course	1.07	0.80	1.20	0.80	1.07	0.00	0.00	0.00	1.60	0.93	1.20	0.80	0.79

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	1.00	1.00	
Overall(Direct) CO attainment level	2.4	2.4	2.4	
Attainment of PSO for this course	2.40	0.80	0.80	1.33

Mapping of CO with PO and PSO of Communication Engg & Coding Theory (Paper code: CS491)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	3	3	1	1	-	-	-	-	-	-	1
	CO2	3	3	3	2	3	-	-	2	-	-	-	2
	CO3	3	3	3	2	3	-	-	2	1	-	-	2
	CO4	3	3	3	2	3	-	-	2	-	-	1	2
	CO5	3	3	3	2	3	-	-	1	1	-	1	2
	CO6	3	3	2	1	1	-	-	-	1	-	-	1
AVERAGE	3.00	3.00	2.83	1.67	2.33	0	0	1.75	1.00	0	1.00	1.67	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	3	2
	CO2	3	1	3
	CO3	3	2	3
	CO4	3	3	3
	CO5	3	3	2
	CO6	3	3	1
AVERAGE	3.00	2.50	2.33	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's												CO Attainment in Univ Exam					
					Course Outcomes	PCA1						Univ. Exam	PCA2									
						CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4		CO5	CO6			
						15	15	10	15	15	10		60	CO1	CO2	CO3		CO4	CO5	CO6		
					80%						80%	80%										
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		15	15	10	15	15	10	56	1	1	1	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		15	15	10	15	15	10	56	1	1	1	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		13	13	10	14	13	9	44	1	1	1	1	1	1	1	1	0		
4	IT2017/015	11700217010	SURYAPRATIM RAY		14	15	9	15	14	10	50	1	1	1	1	1	1	1	1	1	1	1
5	IT2017/062	11700217011	SURAJ KUMAR		15	15	9	14	15	9	50	1	1	1	1	1	1	1	1	1	1	1
6	IT2017/054	11700217012	SUPRATIM DAS		12	14	10	15	14	10	50	1	1	1	1	1	1	1	1	1	1	1
7	IT2017/053	11700217013	SUMEDHA SEN		14	15	8	15	13	9	50	1	1	1	1	1	1	1	1	1	1	1
8	IT2017/039	11700217014	SUMAN KAYAL		15	12	9	14	15	10	50	1	1	1	1	1	1	1	1	1	1	1
9	IT2017/067	11700217015	SUKANYA SAHA		15	15	10	15	15	10	56	1	1	1	1	1	1	1	1	1	1	1
10	IT2017/081	11700217016	SUBHASHRI DAS		15	15	10	15	15	10	56	1	1	1	1	1	1	1	1	1	1	1
11	IT2017/117	11700217017	SUBHANKAR NATH		15	15	10	15	15	10	56	1	1	1	1	1	1	1	1	1	1	1
12	IT2017/052	11700217018	SUBHANGEE		15	14	9	14	15	9	50	1	1	1	1	1	1	1	1	1	1	1
13	IT2017/021	11700217019	SUBARNA SARKAR		15	15	10	14	15	10	56	1	1	1	1	1	1	1	1	1	1	1
14	IT2017/038	11700217020	SRIPARNA GIRI		15	15	10	15	15	10	56	1	1	1	1	1	1	1	1	1	1	1
15	IT2017/011	11700217021	SRIJAYEE SAHA		14	13	9	15	14	9	50	1	1	1	1	1	1	1	1	1	1	1
16	IT2017/094	11700217022	SRIJANI ROY		15	13	8	14	15	9	50	1	1	1	1	1	1	1	1	1	1	1
17	IT2017/120	11700217023	SREYASHI KARMAKAR		15	15	10	15	15	10	56	1	1	1	1	1	1	1	1	1	1	1
18	IT2017/012	11700217024	SOURAV SHAW		15	14	9	13	12	13	50	1	1	1	1	1	1	1	1	1	1	1
19	IT2017/075	11700217025	SOURAV SARKAR		14	15	10	15	15	10	56	1	1	1	1	1	1	1	1	1	1	1
20	IT2017/064	11700217026	SOURAV SAMANTA		15	15	10	15	15	10	56	1	1	1	1	1	1	1	1	1	1	1



21	IT2017/069	11700217027	SOURAV JAISWAL
22	IT2017/008	11700217029	SOUFYADEEP MUKHERJEE
23	IT2017/063	11700217030	SONALI
24	IT2017/109	11700217031	SOMENATH RANA
25	IT2017/045	11700217032	SOHAM ROY
26	IT2017/079	11700217033	SOHAM BANERJEE
27	IT2017/044	11700217034	SNEHA DEEP
28	IT2017/083	11700217035	SK ISHAN ALI
29	IT2017/031	11700217036	SIMRAN SHAW
30	IT2017/023	11700217037	SIMANTINI GHOSH
31	IT2017/056	11700217038	SIDHU KUMAR
32	IT2017/050	11700217039	SHREYA SENGUPTA
33	IT2017/035	11700217040	SHIVANI KUMARI
34	IT2017/087	11700217041	SHIVAM KUMAR SINGH
35	IT2017/099	11700217042	SHIVAM
36	IT2017/097	11700217043	SHEIKH TABISH
37	IT2017/072	11700217044	SAYED AKHTAR
38	IT2017/009	11700217045	SAYANTAN BISWAS
39	IT2017/098	11700217046	SAYAN MUKHERJEE
40	IT2017/032	11700217047	SALINE SHAW
41	IT2017/078	11700217048	SAKSHI KUTRIYAR
42	IT2017/065	11700217049	SAIMANTI LAHA
43	IT2017/105	11700217050	SAHIL PRAKASH
44	IT2017/017	11700217051	ROHAN SHAH
45	IT2017/058	11700217052	ROHAN KUMAR ROY
46	IT2017/010	11700217053	ROHAN BANERJEE
47	IT2017/030	11700217054	RIZWAN ANSARI
48	IT2017/002	11700217055	RIYA KIRTANIA
49	IT2017/110	11700217056	RITAYAN DHARA
50	IT2017/022	11700217057	RIJA DEY
51	IT2017/040	11700217058	REEMA HAZRA
52	IT2017/123	11700217059	RAYA PAUL
53	IT2017/043	11700217060	RAVI KUMAR
54	IT2017/070	11700217061	RAUNAK GUPTA
55	IT2017/107	11700217062	RAKESH KUMAR
56	IT2017/016	11700217063	RAJAT BISWAS
57	IT2017/046	11700217064	PRIYANSHU JHA
58	IT2017/114	11700217065	PRIYA SINHA
59	IT2017/049	11700217066	PREETAM GHOSH
60	IT2017/118	11700217067	PRATYAY RUDRA
61	IT2017/048	11700217068	PRASHANT KUMAR
62	IT2017/113	11700217069	PRAPTY CHANDA
63	IT2017/112	11700217070	PRAGATI KUMARI
64	IT2017/071	11700217071	POULOMI SEN
65	IT2017/033	11700217072	PIYUSH KUMAR
66	IT2017/061	11700217073	PINKI KUMARI
67	IT2017/057	11700217074	NISHANT GAURAV
68	IT2017/106	11700217075	NILORMI DAS
69	IT2017/027	11700217076	NILANJAN DUTTA
70	IT2017/047	11700217077	NEHA PRIYADARSHNI
71	IT2017/095	11700217078	NATASHA CHANDA
72	IT2017/007	11700217079	NADEEM RAZA KHAN
73	IT2017/108	11700217080	MUKESH KUMAR
74	IT2017/119	11700217081	MOHAMMED ARSALAN
75	IT2017/077	11700217082	MD TAHIR
76	IT2017/076	11700217083	MD NOORAIN
77	IT2017/074	11700217084	MD JAVED AKHTAR
78	IT2017/084	11700217085	MD DANISHULLAH
79	IT2017/029	11700217086	MANAB MALAKAR
80	IT2017/034	11700217087	MADHUMITA GAYEN
81	IT2017/082	11700217088	KUMAR ROHAN
82	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
83	IT2017/004	11700217090	KANKANA SAHA
84	IT2017/100	11700217091	IMRAN ALAM
85	IT2017/018	11700217092	HARSHIT BAISHKIYAR
86	IT2017/036	11700217093	GOURAV BHATTACHARJEE
87	IT2017/073	11700217094	GOURAB TALUKDAR
88	IT2017/104	11700217095	DISHANI KAR
89	IT2017/055	11700217096	DIPANJANA GHOSH
90	IT2017/122	11700217097	DEVASHREE MAHATO
91	IT2017/024	11700217098	DAIPAYAN KHAMARU
92	IT2017/066	11700217099	BISWADEEP SARKAR
93	IT2017/091	11700217100	BICKY KUMAR
94	IT2017/090	11700217101	BARNIK PODDER
95	IT2017/026	11700217102	ATINDRA KUMAR SINGH
96	IT2017/020	11700217103	ASMITA GHOSH
97	IT2017/025	11700217104	ARUNAVA GHOSH
98	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
99	IT2017/059	11700217106	ARNAB DALAL
100	IT2017/103	11700217107	ARKA MONDAL

15	15	10	15	15	10	56	1	1	1	1	1	1	1
13	15	8	12	11	7	37	1	1	1	1	0	0	0
14	14	8	14	14	8	50	1	1	1	1	1	1	1
11	14	8	12	12	8	56	0	1	1	1	1	1	1
14	13	10	14	14	9	50	1	1	1	1	1	1	1
15	14	9	15	13	10	50	1	1	1	1	1	1	1
15	15	10	13	14	10	50	1	1	1	1	1	1	1
12	14	8	12	15	10	50	1	1	1	1	1	1	1
14	14	10	13	14	9	50	1	1	1	1	1	1	1
13	15	9	15	13	9	50	1	1	1	1	1	1	1
14	13	9	15	15	10	50	1	1	1	1	1	1	1
13	14	10	15	15	10	50	1	1	1	1	1	1	1
15	15	9	14	14	8	44	1	1	1	1	1	1	0
12	12	10	13	15	10	44	1	1	1	1	1	1	0
15	14	9	14	14	10	50	1	1	1	1	1	1	1
15	15	10	15	13	10	50	1	1	1	1	1	1	1
13	12	10	15	12	10	44	1	1	1	1	1	1	0
14	15	9	14	15	10	50	1	1	1	1	1	1	1
14	14	10	15	14	8	50	1	1	1	1	1	1	1
15	15	10	14	15	10	50	1	1	1	1	1	1	1
14	15	9	13	11	10	44	1	1	1	1	0	1	0
15	15	10	15	15	10	56	1	1	1	1	1	1	1
14	15	8	13	14	9	50	1	1	1	1	1	1	1
15	14	10	15	15	8	50	1	1	1	1	1	1	1
14	15	9	14	14	8	50	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1
12	14	9	15	13	9	50	1	1	1	1	1	1	1
14	15	10	14	14	10	56	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1
15	14	9	14	14	9	50	1	1	1	1	1	1	1
13	13	9	14	14	10	50	1	1	1	1	1	1	1
14	15	10	15	15	9	50	1	1	1	1	1	1	1
14	15	9	15	14	10	50	1	1	1	1	1	1	1
13	15	9	15	15	10	50	1	1	1	1	1	1	1
15	14	10	15	13	9	50	1	1	1	1	1	1	1
15	15	10	14	13	10	50	1	1	1	1	1	1	1
15	15	10	15	15	10	50	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1
15	14	9	11	12	7	44	1	1	1	0	1	0	0
13	15	10	12	14	9	50	1	1	1	1	1	1	1
15	15	10	14	15	10	50	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1
15	14	9	15	15	10	50	1	1	1	1	1	1	1
14	14	10	13	15	9	50	1	1	1	1	1	1	1
15	15	10	15	14	10	50	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1
12	14	9	14	15	10	50	1	1	1	1	1	1	1
11	15	10	15	15	10	50	0	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1
12	15	9	14	14	8	50	1	1	1	1	1	1	1
14	13	8	14	15	9	50	1	1	1	1	1	1	1
14	15	10	14	14	10	50	1	1	1	1	1	1	1
14	14	9	15	15	10	50	1	1	1	1	1	1	1
11	13	9	13	15	8	44	0	1	1	1	1	1	0
15	14	10	11	15	10	44	1	1	1	0	1	1	0
14	15	8	11	11	7	33	1	1	1	0	0	0	0
15	14	9	14	15	10	50	1	1	1	1	1	1	1
15	15	10	15	14	10	50	1	1	1	1	1	1	1
15	14	10	14	13	10	50	1	1	1	1	1	1	1
14	14	10	13	15	9	50	1	1	1	1	1	1	1
15	15	9	15	15	9	50	1	1	1	1	1	1	1
15	15	8	13	15	9	50	1	1	1	1	1	1	1
14	15	10	15	15	10	50	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1
15	14	10	14	13	10	50	1	1	1	1	1	1	1
14	15	9	13	15	10	50	1	1	1	1	1	1	1
12	14	10	13	15	9	50	1	1	1	1	1	1	1
15	15	10	15	15	9	56	1	1	1	1	1	1	1
13	14	9	14	14	8	50	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1
15	14	9	14	14	9	50	1	1	1	1	1	1	1
13	15	8	14	15	9	50	1	1	1	1	1	1	1



101	IT2017/068	11700217108	ANUSHREE JAIN
102	IT2017/001	11700217109	ANTU KUNDU
103	IT2017/092	11700217110	ANTARA PAUL
104	IT2017/042	11700217111	ANKUR SARKAR
105	IT2017/080	11700217112	ANKUR KUMAR
106	IT2017/101	11700217113	ANKITA SINGH
107	IT2017/028	11700217114	ANKIT SHARMA
108	IT2017/006	11700217115	ANKIT PRAMANIK
109	IT2017/060	11700217116	ANKIT KUMAR JHA
110	IT2017/093	11700217117	ANIKET MAJUMDAR
111	IT2017/115	11700217118	ANIKET ARORA
112	IT2017/085	11700217119	AMAN KUMAR VERMA
113	IT2017/088	11700217120	AMAN KUMAR
114	IT2017/124	11700217121	AMAN JHA
115	IT2017/102	11700217122	AKRITI
116	IT2017/019	11700217123	ADRIJA DAS
117	IT2017/116	11700217124	ADITYA KUMAR SINHA
118	IT2017/125	11700217125	ADITYA KUMAR JHA
119	IT2017/003	11700217126	ADITYA BHATTACHARYA
120	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
121	IT2017/041	11700217128	ABHISHEK PAREEK
122	IT2017/086	11700217129	ABHISHEK KUMAR

15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
15	15	10	13	15	10	50	1	1	1	1	1	1	1	1
15	13	9	14	13	8	50	1	1	1	1	1	1	1	1
12	15	10	15	14	9	50	1	1	1	1	1	1	1	1
12	14	10	15	14	9	50	1	1	1	1	1	1	1	1
15	15	8	12	15	9	44	1	1	1	1	1	1	1	0
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
15	15	9	15	15	10	50	1	1	1	1	1	1	1	1
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
14	14	9	14	14	10	50	1	1	1	1	1	1	1	1
13	14	8	13	12	8	44	1	1	1	1	1	1	1	0
15	15	8	13	12	8	50	1	1	1	1	1	1	1	1
12	15	8	14	15	10	50	1	1	1	1	1	1	1	1
14	15	10	15	15	10	56	1	1	1	1	1	1	1	1
15	13	10	14	15	10	50	1	1	1	1	1	1	1	1
14	15	10	14	13	8	50	1	1	1	1	1	1	1	1
12	14	7	12	15	8	44	1	1	0	1	1	1	1	0
15	15	10	15	15	10	56	1	1	1	1	1	1	1	1
15	15	10	15	15	10	50	1	1	1	1	1	1	1	1
14	15	10	14	14	10	50	1	1	1	1	1	1	1	1
15	12	9	13	12	7	44	1	1	1	1	1	1	0	0

1	119	121	120	119	118	117	107
0	3	1	2	3	4	4	15
CO attn	0.98	0.99	0.98	0.98	0.97	0.97	0.88

Avg Attn	0.98
Attn Level	3

Avg Attn	0.88
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												3	
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	3.00	2.83	1.67	2.33	0	0	1.75	1.00	0	1.00	1.67	
Overall(Direct) CO attainment level	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
Attainment of PO for this course	3.00	3.00	2.83	1.67	2.33	0.00	0.00	1.75	1.00	0.00	1.00	1.67	1.52

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.50	2.33	
Overall(Direct) CO attainment level	3.00	3.00	3.00	
Attainment of PSO for this course	3.00	2.50	2.33	2.61

Mapping of CO with PO and PSO of Software Tools (Paper code: CS492)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	-	-	-	2	1	-	-	2	-	2	2
	CO2	3	-	-	1	2	1	-	-	2	-	1	2
	CO3	3	-	-	1	2	1	-	-	2	-	1	2
	CO4	3	3	3	2	2	1	1	1	2	2	1	2
	CO5	3	3	2	1	2	1	2	2	2	1	1	2
	CO6	3	3	3	2	2	1	2	2	2	3	3	2
	AVERAGE	3.00	3.00	2.67	1.40	2.00	1.00	1.67	1.67	2.00	2.00	1.50	2.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	3	1
	CO2	3	2	1
	CO3	3	2	1
	CO4	-	3	2
	CO5	3	3	2
	CO6	3	3	2
AVERAGE	3.00	2.67	1.50	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6	
					CO1	CO2	CO3	CO4	CO5	CO6								
					15	15	10	15	15	10								
					80%						80%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		15	14	9	15	15	10	60	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		13	13	8	15	15	10	50	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		12	13	9	13	12	8	50	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY		14	15	9	15	15	10	60	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		14	15	10	5	3	2	50	1	1	1	0	0	0	1
6	IT2017/053	11700217013	SUMEDHA SEN		15	14	9	14	14	7	50	1	1	1	1	1	0	1
7	IT2017/039	11700217014	SUMAN KAYAL		13	13	8	15	15	10	50	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		15	15	10	15	15	10	50	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		12	12	8	15	15	10	60	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		12	12	8	15	15	10	60	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		12	13	9	12	13	8	60	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		15	14	9	15	15	10	60	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		12	13	8	12	13	6	50	1	1	1	1	1	0	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		15	14	10	10	15	5	60	1	1	1	0	1	0	1
15	IT2017/094	11700217022	SRIJANI ROY		14	15	10	15	14	9	60	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		15	15	9	15	15	10	50	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		15	14	9	15	15	10	60	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		12	13	8	15	15	10	60	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		14	15	9	15	15	10	50	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		14	15	8	15	15	10	60	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		13	12	8	10	8	5	50	1	1	1	0	0	0	1
22	IT2017/063	11700217030	SONALI		14	15	9	10	15	8	50	1	1	1	0	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		5	8	8	11	7	11	60	0	0	0	0	0	0	1
24	IT2017/045	11700217032	SOHAM ROY		15	14	9	15	15	10	50	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		14	15	10	15	15	10	60	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		15	14	10	15	15	10	50	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		15	15	9	12	12	6	40	1	1	1	1	1	0	0
28	IT2017/031	11700217036	SIMRAN SHAW		12	12	8	15	15	10	50	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		12	13	8	15	15	10	50	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		13	11	8	5	7	8	50	1	0	1	0	0	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		14	15	9	15	15	10	60	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		14	13	8	12	12	9	60	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		15	14	9	10	14	6	40	1	1	1	0	1	0	0
34	IT2017/099	11700217042	SHIVAM		15	14	9	13	15	10	50	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		15	15	10	15	15	10	50	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR		15	14	8	15	15	10	60	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		13	12	9	10	8	5	50	1	1	1	0	0	0	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		13	15	8	15	15	8	50	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW		14	15	9	12	14	7	50	1	1	1	1	1	0	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		12	12	9	15	15	10	50	1	1	1	1	1	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA		12	11	8	15	15	10	60	1	0	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH		15	15	9	10	10	5	50	1	1	1	0	0	0	1
43	IT2017/017	11700217051	ROHAN SHAH		15	14	10	15	14	10	60	1	1	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY		15	15	9	10	14	6	50	1	1	1	0	1	0	1
45	IT2017/010	11700217053	ROHAN BANERJEE		15	14	9	15	15	10	60	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		12	11	8	4	2	2	50	1	0	1	0	0	0	1
47	IT2017/002	11700217055	RIYA KIRTANIA		14	15	9	15	15	10	60	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA		12	14	9	15	15	10	60	1	1	1	1	1	1	1
49	IT2017/022	11700217057	RIJA DEY		12	13	8	15	15	10	60	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		12	13	8	15	15	10	60	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL		14	15	9	12	14	9	50	1	1	1	1	1	1	1
52	IT2017/043	11700217060	RAVI KUMAR		12	13	8	12	13	8	50	1	1	1	1	1	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA		12	11	8	15	15	10	60	1	0	1	1	1	1	1
54	IT2017/107	11700217062	RAKESH KUMAR		12	12	8	13	12	5	40	1	1	1	1	1	0	0
55	IT2017/016	11700217063	RAJAT BISWAS		13	13	8	10	12	8	50	1	1	1	0	1	1	1
56	IT2017/046	11700217064	PRIYANSHU JHA		14	15	10	14	14	10	50	1	1	1	1	1	1	1
57	IT2017/114	11700217065	PRIYA SINHA		14	15	9	12	14	9	50	1	1	1	1	1	1	1
58	IT2017/049	11700217066	PREETAM GHOSH		13	12	8	11	12	7	60	1	1	1	0	1	0	1
59	IT2017/118	11700217067	PRATYAY RUDRA		15	14	9	15	15	10	50	1	1	1	1	1	1	1
60	IT2017/048	11700217068	PRASHANT KUMAR		12	12	8	12	13	5	40	1	1	1	1	1	0	0
61	IT2017/113	11700217069	PRAPTY CHANDA		13	12	8	15	15	10	60	1	1	1	1	1	1	1
62	IT2017/112	11700217070	PRAGATI KUMARI		14	15	9	12	12	6	40	1	1	1	1	1	0	0



63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/073	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

15	14	9	15	15	10	60	1	1	1	1	1	1	1
14	15	9	12	13	8	50	1	1	1	1	1	1	1
14	15	10	12	13	8	50	1	1	1	1	1	1	1
12	12	7	8	10	7	60	1	1	0	0	0	0	1
12	10	7	15	15	10	60	1	0	0	1	1	1	1
11	12	8	14	12	7	50	0	1	1	1	1	0	1
12	12	8	15	15	10	50	1	1	1	1	1	1	1
12	13	9	12	13	8	50	1	1	1	1	1	1	1
15	14	9	10	12	8	40	1	1	1	0	1	1	0
12	13	8	15	15	10	50	1	1	1	1	1	1	1
14	15	9	15	15	10	60	1	1	1	1	1	1	1
14	15	9	12	12	6	50	1	1	1	1	1	0	1
14	15	9	12	13	8	50	1	1	1	1	1	1	1
15	15	9	8	10	7	40	1	1	1	0	0	0	0
14	15	9	12	13	8	50	1	1	1	1	1	1	1
14	15	9	15	15	10	60	1	1	1	1	1	1	1
13	10	8	13	12	5	40	1	0	1	1	1	0	0
15	14	10	13	12	8	40	1	1	1	1	1	1	0
14	15	10	13	14	6	50	1	1	1	1	1	0	1
15	14	9	8	10	7	50	1	1	1	0	0	0	1
12	13	8	13	12	8	50	1	1	1	1	1	1	1
14	15	10	15	14	7	50	1	1	1	1	1	0	1
12	12	9	13	12	5	50	1	1	1	1	1	0	1
12	13	8	15	15	10	60	1	1	1	1	1	1	1
12	11	8	2	5	3	40	1	0	1	0	0	0	0
14	15	9	15	15	10	50	1	1	1	1	1	1	1
12	13	8	15	15	10	60	1	1	1	1	1	1	1
12	12	8	10	8	7	50	1	1	1	0	0	0	1
12	12	9	12	13	10	50	1	1	1	1	1	1	1
15	13	9	15	10	8	50	1	1	1	1	0	1	1
14	15	8	10	15	8	60	1	1	1	0	1	1	1
12	12	8	9	15	10	60	1	1	1	0	1	1	1
13	12	9	15	15	10	60	1	1	1	1	1	1	1
12	13	8	13	12	10	50	1	1	1	1	1	1	1
13	12	9	15	15	10	50	1	1	1	1	1	1	1
12	12	8	15	15	10	60	1	1	1	1	1	1	1
12	12	8	12	13	8	60	1	1	1	1	1	1	1
13	12	8	13	12	8	50	1	1	1	1	1	1	1
12	12	8	5	10	5	50	1	1	1	0	0	0	1
12	12	8	15	15	10	50	1	1	1	1	1	1	1
12	12	9	12	12	6	50	1	1	1	1	1	0	1
14	15	9	12	14	7	50	1	1	1	1	1	0	1
14	15	9	12	10	8	50	1	1	1	1	0	1	1
13	10	8	15	15	10	50	1	0	1	1	1	1	1
15	14	10	12	12	6	50	1	1	1	1	1	0	1
14	15	10	12	12	6	50	1	1	1	1	1	0	1
15	14	9	14	12	9	50	1	1	1	1	1	1	1
12	13	8	12	14	9	50	1	1	1	1	1	1	1
14	15	10	12	12	6	50	1	1	1	1	1	0	1
12	12	9	15	15	10	60	1	1	1	1	1	1	1
12	13	8	15	15	10	60	1	1	1	1	1	1	1
12	11	8	8	10	7	50	1	0	1	0	0	0	1
14	15	9	5	10	5	40	1	1	1	0	0	0	0
12	13	9	12	14	7	50	1	1	1	1	1	0	1
12	13	8	15	15	10	60	1	1	1	1	1	1	1
12	12	8	12	14	7	50	1	1	1	1	1	0	1
12	12	9	15	13	10	50	1	1	1	1	1	1	1
15	13	9	8	13	9	40	1	1	1	0	1	1	0
13	12	9	12	14	4	40	1	1	1	1	1	0	0

1	120	112	119	96	105	82	109
0	2	10	3	26	17	40	13
CO attn	0.98	0.92	0.98	0.79	0.86	0.67	0.89

Avg Attn	0.87
Attn Level	3

Avg Attn	0.89
Attn Level	3



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											3		
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	3.00	2.67	1.40	2.00	1.00	1.67	1.67	2.00	2.00	1.50	2.00	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	3.00	2.67	1.40	2.00	1.00	1.67	1.67	2.00	2.00	1.50	2.00	1.99

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.67	1.50	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	3.00	2.67	1.50	2.39

Mapping of CO with PO and PSO of the Course Object Oriented Programming Language Lab(Paper code: IT491)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	1	2	1	1	-	-	-	-	1	1	1
	CO2	1	1	1	1	1	-	-	-	-	1	-	1
	CO3	2	1	1	1	1	-	-	-	-	1	-	1
	CO4	1	1	1	1	1	-	-	-	-	1	-	1
	CO5	1	1	1	1	1	-	-	-	-	1	-	1
	CO6	1	1	3	1	3	-	-	-	2	2	2	1
	AVERAGE	1.33	1.00	1.50	1.00	1.33	0	0	0	2.00	1.17	1.50	1.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	-	1
	CO2	3	-	1
	CO3	3	-	1
	CO4	3	-	1
	CO5	3	-	1
	CO6	3	1	1
	AVERAGE	3.00	1.00	1.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %							
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam	
					CO1	CO2	CO3	CO4	CO5	CO6									
					15	15	10	15	15	10	60	CO1	CO2	CO3	CO4	CO5	CO6		
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	15	14	9	15	15	10	40	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	13	13	8	15	15	10	50	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	12	13	9	13	12	8	20	1	1	1	1	1	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	14	15	9	15	15	10	60	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	14	15	10	5	3	2	15	1	1	1	0	0	0	0	0
6	IT2017/053	11700217013	SUMEDHA SEN	80%	15	14	9	14	14	7	50	1	1	1	1	1	0	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	13	13	8	15	15	10	50	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	15	15	10	15	15	10	60	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	12	12	8	15	15	10	50	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	12	12	8	15	15	10	55	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	12	13	9	12	13	8	15	1	1	1	1	1	1	1	0
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	15	14	9	15	15	10	60	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	12	13	8	12	13	6	40	1	1	1	1	1	1	0	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	15	14	10	10	15	5	36	1	1	1	0	1	0	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	14	15	10	15	14	9	20	1	1	1	1	1	1	1	0
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	15	15	9	15	15	10	60	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	15	14	9	15	15	10	50	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	12	13	8	15	15	10	60	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	14	15	9	15	15	10	60	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	14	15	8	15	15	10	60	1	1	1	1	1	1	1	1



21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE
22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH

13	12	8	10	8	5	36	1	1	1	0	0	0	1
14	15	9	10	15	8	50	1	1	1	0	1	1	1
5	8	8	11	7	11	50	0	0	0	0	0	0	1
15	14	9	15	15	10	50	1	1	1	1	1	1	1
14	15	10	15	15	10	60	1	1	1	1	1	1	1
15	14	10	15	15	10	20	1	1	1	1	1	1	0
15	15	9	12	12	6	15	1	1	1	1	1	0	0
12	12	8	15	15	10	36	1	1	1	1	1	1	1
12	13	8	15	15	10	55	1	1	1	1	1	1	1
13	11	8	5	7	8	20	1	0	1	0	0	1	0
14	15	9	15	15	10	55	1	1	1	1	1	1	1
14	13	8	12	12	9	20	1	1	1	1	1	1	0
15	14	9	10	14	6	15	1	1	1	0	1	0	0
15	14	9	13	15	10	45	1	1	1	1	1	1	1
15	15	10	15	15	10	40	1	1	1	1	1	1	1
15	14	8	15	15	10	60	1	1	1	1	1	1	1
13	12	9	10	8	5	36	1	1	1	0	0	0	1
13	15	8	15	15	8	50	1	1	1	1	1	1	1
14	15	9	12	14	7	40	1	1	1	1	1	0	1
12	12	9	15	15	10	30	1	1	1	1	1	1	0
12	11	8	15	15	10	50	1	0	1	1	1	1	1
15	15	9	10	10	5	20	1	1	1	0	0	0	0
15	14	10	15	14	10	60	1	1	1	1	1	1	1
15	15	9	10	14	6	60	1	1	1	0	1	0	1
15	14	9	15	15	10	40	1	1	1	1	1	1	1
12	11	8	4	2	2	0	1	0	1	0	0	0	0
14	15	9	15	15	10	50	1	1	1	1	1	1	1
12	14	9	15	15	10	60	1	1	1	1	1	1	1
12	13	8	15	15	10	60	1	1	1	1	1	1	1
12	13	8	15	15	10	20	1	1	1	1	1	1	0
14	15	9	12	14	9	50	1	1	1	1	1	1	1
12	13	8	12	13	8	15	1	1	1	1	1	1	0
12	11	8	15	15	10	60	1	0	1	1	1	1	1
12	12	8	13	12	5	25	1	1	1	1	1	0	0
13	13	8	10	12	8	30	1	1	1	0	1	1	0
14	15	10	14	14	10	50	1	1	1	1	1	1	1
14	15	9	12	14	9	60	1	1	1	1	1	1	1
13	12	8	11	12	7	55	1	1	1	0	1	0	1
15	14	9	15	15	10	60	1	1	1	1	1	1	1
12	12	8	12	13	5	10	1	1	1	1	1	0	0
13	12	8	15	15	10	40	1	1	1	1	1	1	1
14	15	9	12	12	6	10	1	1	1	1	1	0	0
15	14	9	15	15	10	60	1	1	1	1	1	1	1
14	15	9	12	13	8	20	1	1	1	1	1	1	0
14	15	10	12	13	8	30	1	1	1	1	1	1	0
12	12	7	8	10	7	55	1	1	0	0	0	0	1
12	10	7	15	15	10	60	1	0	0	1	1	1	1
11	12	8	14	12	7	35	0	1	1	1	1	0	0
12	12	8	15	15	10	50	1	1	1	1	1	1	1
12	13	9	12	13	8	55	1	1	1	1	1	1	1
15	14	9	10	12	8	25	1	1	1	0	1	1	0
12	13	8	15	15	10	45	1	1	1	1	1	1	1
14	15	9	15	15	10	60	1	1	1	1	1	1	1
14	15	9	12	12	6	45	1	1	1	1	1	0	1
14	15	9	12	13	8	20	1	1	1	1	1	1	0
15	15	9	8	10	7	20	1	1	1	0	0	0	0
14	15	9	12	13	8	20	1	1	1	1	1	1	0
14	15	9	15	15	10	60	1	1	1	1	1	1	1
13	10	8	13	12	5	10	1	0	1	1	1	0	0
15	14	10	13	12	8	10	1	1	1	1	1	1	0
14	15	10	13	14	6	40	1	1	1	1	1	0	1
15	14	9	8	10	7	15	1	1	1	0	0	0	0
12	13	8	13	12	8	45	1	1	1	1	1	1	1
14	15	10	15	14	7	50	1	1	1	1	1	0	1
12	12	9	13	12	5	40	1	1	1	1	1	0	1
12	13	8	15	15	10	40	1	1	1	1	1	1	1
12	11	8	2	5	3	10	1	0	1	0	0	0	0
14	15	9	15	15	10	60	1	1	1	1	1	1	1
12	13	9	10	12	6	20	1	1	1	0	1	0	0
12	13	8	15	15	10	50	1	1	1	1	1	1	1
12	12	8	10	8	7	30	1	1	1	0	0	0	0
12	12	9	12	13	10	10	1	1	1	1	1	1	0
15	13	9	15	10	8	20	1	1	1	1	0	1	0
14	15	8	10	15	8	50	1	1	1	0	1	1	1
12	12	8	9	15	10	50	1	1	1	0	1	1	1



96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

13	12	9	15	15	10	60	1	1	1	1	1	1	1
12	13	8	13	12	10	40	1	1	1	1	1	1	1
13	12	9	15	15	10	50	1	1	1	1	1	1	1
12	12	8	15	15	10	60	1	1	1	1	1	1	1
12	12	8	12	13	8	30	1	1	1	1	1	1	0
13	12	8	13	12	8	36	1	1	1	1	1	1	1
12	12	8	5	10	5	55	1	1	1	0	0	0	1
12	12	8	15	15	10	60	1	1	1	1	1	1	1
12	12	9	12	12	6	36	1	1	1	1	1	0	1
14	15	9	12	14	7	36	1	1	1	1	1	0	1
14	15	9	12	10	8	30	1	1	1	1	0	1	0
13	10	8	15	15	10	20	1	0	1	1	1	1	0
15	14	10	12	12	6	20	1	1	1	1	1	0	0
14	15	10	12	12	6	30	1	1	1	1	1	0	0
15	14	9	14	12	9	40	1	1	1	1	1	1	1
12	13	8	12	14	9	10	1	1	1	1	1	1	0
14	15	10	12	12	6	40	1	1	1	1	1	0	1
12	12	9	15	15	10	50	1	1	1	1	1	1	1
12	13	8	15	15	10	60	1	1	1	1	1	1	1
12	11	8	8	10	7	40	1	0	1	0	0	0	1
14	15	9	5	10	5	20	1	1	1	0	0	0	0
12	13	9	12	14	7	60	1	1	1	1	1	0	1
12	13	8	15	15	10	50	1	1	1	1	1	1	1
12	12	8	12	14	7	10	1	1	1	1	1	0	0
12	12	9	15	13	10	40	1	1	1	1	1	1	1
15	13	9	8	13	9	30	1	1	1	0	1	1	0
13	12	9	12	14	4	30	1	1	1	1	1	0	0

1	120	112	119	96	105	82	79
0	2	10	3	26	17	40	43
CO attn	0.98	0.92	0.98	0.79	0.86	0.67	0.65

Avg Attn	0.87
Attn Level	3

Avg Attn	0.65
Attn Level	1

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as													
Direct CO attainment level												1.8	
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	1.33	1.00	1.50	1.00	1.33	0	0	0	2.00	1.17	1.50	1.00	
Overall(Direct) CO attainment level	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
Attainment of PO for this course	0.80	0.60	0.90	0.60	0.80	0.00	0.00	0.00	1.20	0.70	0.90	0.60	0.59

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	1.00	1.00	
Overall(Direct) CO attainment level	1.8	1.8	1.8	
Attainment of PSO for this course	1.80	0.60	0.60	1.00



Attainment Details of Semester V



Mapping of CO with PO and PSO of Economics for Engineers (Paper code: HU 501)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	-	-	-	-	-	-	-	-	-	-	-
	CO2	-	3	-	-	-	-	1	-	-	-	-	-
	CO3	-	-	-	-	3	-	-	-	-	-	-	-
	CO4	-	-	3	-	-	-	-	-	-	-	-	-
	CO5	-	-	-	-	-	-	-	-	1	-	-	-
	CO6	-	-	-	-	-	-	-	-	-	-	-	-
AVERAGE	3.00	3.00	3.00	0.00	3.00	0	1.00	0.00	1.00	0.00	0.00	0.00	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	-	-	-
	CO2	-	-	-
	CO3	-	-	-
	CO4	-	-	-
	CO5	-	-	-
	CO6	-	-	-
AVERAGE	0	0	0	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam		
					CA1/CA2/CA3/CA4							Course Outcome Attainment with target in %								
					CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4	CO5	CO6			
					Marks Distribution	10	15	25	15	10		25	100	CO1	CO2	CO3	CO4		CO5	CO6
					80%						70%	80%								
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		10	13	21	14	8	24	75	1	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		10	13	20	13	9	23	75	1	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		10	11	20	12	9	22	65	1	0	1	1	1	1	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		9	13	23	12	10	24	75	1	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		10	13	22	15	10	23	75	1	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		8	14	21	14	10	20	75	1	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		10	13	20	13	9	23	65	1	1	1	1	1	1	1	1	0
8	IT2017/067	11700217015	SUKANYA SAHA		10	11	20	12	9	22	75	1	0	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		9	13	23	12	10	24	75	1	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		10	13	22	15	10	23	65	1	1	1	1	1	1	1	1	0
11	IT2017/052	11700217018	SUBHANGEE		8	14	21	14	10	20	75	1	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		9	14	23	13	10	23	75	1	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		10	14	20	12	8	20	75	1	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		10	13	20	14	8	20	75	1	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		10	13	24	13	9	24	65	1	1	1	1	1	1	1	1	0
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	14	23	12	10	23	75	1	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		10	13	24	12	9	22	75	1	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		10	13	20	13	9	23	75	1	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		10	11	20	12	9	22	75	1	0	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	13	23	12	10	24	65	1	1	1	1	1	1	1	1	0
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		10	13	22	15	10	23	75	1	1	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI		8	14	21	14	10	20	75	1	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		10	14	24	14	9	24	75	1	1	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY		10	14	23	14	10	24	75	1	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		9	14	22	14	9	23	65	1	1	1	1	1	1	1	1	0
26	IT2017/044	11700217034	SNEHA DEEP		10	13	23	13	9	22	75	1	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		10	12	21	13	10	24	75	1	1	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW		10	13	22	14	10	23	65	1	1	1	1	1	1	1	1	0
29	IT2017/023	11700217037	SIMANTINI GHOSH		10	12	21	12	10	20	75	1	1	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		10	13	20	13	9	23	75	1	1	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		10	11	20	12	9	22	75	1	0	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		9	13	23	12	10	24	75	1	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		10	13	22	15	10	23	75	1	1	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		8	14	21	14	10	20	65	1	1	1	1	1	1	1	1	0
35	IT2017/097	11700217043	SHEIKH TABISH		10	15	24	14	9	23	75	1	1	1	1	1	1	1	1	1



36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR

9	13	21	13	9	22	75	1	1	1	1	1	1	1	1
10	15	23	15	10	24	85	1	1	1	1	1	1	1	1
9	14	23	14	9	23	75	1	1	1	1	1	1	1	1
9	12	20	11	10	20	75	1	1	1	0	1	1	1	1
10	11	20	13	9	21	75	1	0	1	1	1	1	1	1
10	14	23	14	9	24	65	1	1	1	1	1	1	1	0
10	13	24	14	10	23	75	1	1	1	1	1	1	1	1
9	13	21	14	10	22	75	1	1	1	1	1	1	1	1
9	13	22	13	10	24	75	1	1	1	1	1	1	1	1
8	14	21	12	9	23	75	1	1	1	1	1	1	1	1
10	13	24	15	10	20	65	1	1	1	1	1	1	1	0
10	13	20	13	9	23	75	1	1	1	1	1	1	1	1
10	11	20	12	9	22	75	1	0	1	1	1	1	1	1
9	13	23	12	10	24	75	1	1	1	1	1	1	1	1
10	13	22	15	10	23	75	1	1	1	1	1	1	1	1
8	14	21	14	10	20	75	1	1	1	1	1	1	1	1
10	12	20	13	7	24	75	1	1	1	1	0	1	1	1
10	14	23	13	10	23	65	1	1	1	1	1	1	1	0
10	11	20	11	9	20	75	1	0	1	0	1	1	1	1
9	14	24	14	9	24	75	1	1	1	1	1	1	1	1
10	13	23	15	10	23	85	1	1	1	1	1	1	1	1
8	12	20	14	10	20	75	1	1	1	1	1	1	1	1
10	14	22	14	10	22	75	1	1	1	1	1	1	1	1
10	12	20	14	9	21	65	1	1	1	1	1	1	1	0
10	12	21	13	9	22	75	1	1	1	1	1	1	1	1
9	12	22	13	10	24	75	1	1	1	1	1	1	1	1
10	13	20	13	9	23	75	1	1	1	1	1	1	1	1
10	11	20	12	9	22	75	1	0	1	1	1	1	1	1
9	13	23	12	10	24	75	1	1	1	1	1	1	1	1
10	13	22	15	10	23	75	1	1	1	1	1	1	1	1
8	14	21	14	10	20	75	1	1	1	1	1	1	1	1
8	14	22	13	10	23	65	1	1	1	1	1	1	1	0
10	12	20	15	10	21	75	1	1	1	1	1	1	1	1
9	13	22	14	9	22	75	1	1	1	1	1	1	1	1
8	12	21	14	9	21	65	1	1	1	1	1	1	1	0
10	12	22	14	10	21	65	1	1	1	1	1	1	1	0
10	11	20	13	10	24	55	1	0	1	1	1	1	1	0
10	12	22	13	10	23	65	1	1	1	1	1	1	1	0
9	11	20	12	9	22	55	1	0	1	1	1	1	1	0
10	13	20	13	9	23	75	1	1	1	1	1	1	1	1
10	11	20	12	9	22	75	1	0	1	1	1	1	1	1
9	13	23	12	10	24	75	1	1	1	1	1	1	1	1
10	13	22	15	10	23	55	1	1	1	1	1	1	1	0
8	14	21	14	10	20	75	1	1	1	1	1	1	1	1
9	13	24	14	10	24	75	1	1	1	1	1	1	1	1
8	13	23	13	9	23	75	1	1	1	1	1	1	1	1
8	12	20	12	8	24	75	1	1	1	1	1	1	1	1
9	13	20	12	8	23	75	1	1	1	1	1	1	1	1
9	13	22	13	10	22	65	1	1	1	1	1	1	1	0
10	12	20	11	9	24	75	1	1	1	0	1	1	1	1
10	13	20	12	10	23	75	1	1	1	1	1	1	1	1
10	12	22	13	10	20	75	1	1	1	1	1	1	1	1
9	13	20	13	10	21	75	1	1	1	1	1	1	1	1
9	11	20	13	6	22	65	1	0	1	1	0	1	1	0
10	13	22	13	9	23	75	1	1	1	1	1	1	1	1
10	12	20	13	8	20	75	1	1	1	1	1	1	1	1
10	13	22	14	9	24	65	1	1	1	1	1	1	1	0
9	13	20	12	9	23	65	1	1	1	1	1	1	1	0
10	13	20	13	9	23	75	1	1	1	1	1	1	1	1
10	11	20	12	9	22	75	1	0	1	1	1	1	1	1
9	13	23	12	10	24	55	1	1	1	1	1	1	1	0
10	13	22	15	10	23	75	1	1	1	1	1	1	1	1
8	14	21	14	10	20	65	1	1	1	1	1	1	1	0
10	12	22	14	10	22	75	1	1	1	1	1	1	1	1
9	12	23	14	10	20	75	1	1	1	1	1	1	1	1
9	14	23	13	6	23	75	1	1	1	1	0	1	1	1
9	13	22	13	9	20	75	1	1	1	1	1	1	1	1
10	12	22	13	9	21	75	1	1	1	1	1	1	1	1



104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

10	15	23	15	10	24	65	1	1	1	1	1	1	0
10	14	24	14	9	24	75	1	1	1	1	1	1	1
10	14	21	14	10	23	75	1	1	1	1	1	1	1
9	14	23	14	10	22	75	1	1	1	1	1	1	1
10	14	23	13	6	24	65	1	1	1	1	0	1	0
10	14	24	14	9	23	75	1	1	1	1	1	1	1
10	14	21	13	9	20	75	1	1	1	1	1	1	1
10	13	20	13	9	23	65	1	1	1	1	1	1	0
10	11	20	12	9	22	75	1	0	1	1	1	1	1
9	13	23	12	10	24	75	1	1	1	1	1	1	1
10	13	22	15	10	23	75	1	1	1	1	1	1	1
8	14	21	14	10	20	75	1	1	1	1	1	1	1
10	13	20	13	9	23	75	1	1	1	1	1	1	1
10	11	20	12	9	22	75	1	0	1	1	1	1	1
9	13	23	12	10	24	65	1	1	1	1	1	1	0
10	13	22	15	10	23	75	1	1	1	1	1	1	1
8	14	21	14	10	20	75	1	1	1	1	1	1	1
10	13	20	13	9	23	75	1	1	1	1	1	1	1
10	11	20	12	9	22	75	1	0	1	1	1	1	1
9	13	23	12	10	24	65	1	1	1	1	1	1	0
10	13	22	15	10	23	75	1	1	1	1	1	1	1
8	14	21	14	10	20	75	1	1	1	1	1	1	1
10	13	20	13	9	23	75	1	1	1	1	1	1	0
10	13	20	13	9	23	75	1	1	1	1	1	1	1
10	11	20	12	9	22	75	1	0	1	1	1	1	1

1	122	106	122	119	118	122	92
0	0	13	0	3	3	0	25
CO attn	1.00	0.89	1.00	0.98	0.98	1.00	0.79

Avg Attn	0.97
Attn Level	3

Avg Attn	0.79
Attn Level	2

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												2.5	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	3.00	3.00	0.00	3.00	0	1.00	0.00	1.00	0.00	0.00	0.00	
Overall (Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Attainment of PO for this course	2.50	2.50	2.50	0.00	2.50	0.00	0.83	0.00	0.83	0.00	0.00	0.00	0.97

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	0	0	0	
Overall (Direct) CO attainment level	2.5	2.5	2.50	
Attainment of PSO for this course	0	0.00	0.00	0.00

Mapping of CO with PO and PSO of Design and Analysis of Algorithm (Paper code: IT-501)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	1	2	1	-	2	2	3	2	3	-	2
	CO2	3	2	1	1	2	-	-	3	3	1	1	3
	CO3	3	2	3	2	1	-	-	2	3	2	2	2
	CO4	3	3	2	1	-	-	-	3	3	2	2	2
	CO5	3	1	1	1	3	-	-	2	3	1	2	2
	CO6	3	2	1	1	-	-	-	2	2	-	2	1
	AVERAGE	3.00	1.83	1.67	1.17	2.00	2.00	2.00	2.50	2.67	1.80	1.80	2.00

Average =sum/ number of entry

Table 2		PSO1	PSO2	PSO3
	CO1	3	3	-
	CO2	3	1	-
	CO3	3	2	-
	CO4	3	1	-
	CO5	3	1	-
	CO6	3	2	-
	AVERAGE	3.00	1.67	0

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						
					CA1/CA2/CA3/CA4							100	CO1	CO2	CO3	CO4	CO5	CO6
					CO1	CO2	CO3	CO4	CO5	CO6								
					10	15	25	15	10	25	80%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		7	13	20	11	8	20	65	0	1	1	0	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		7	10	20	13	7	20	65	0	0	1	1	0	1	1
3	IT2017/089	11700217009	SUSNATA DAS		9	11	23	13	9	22	35	1	0	1	1	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		9	11	22	12	9	21	65	1	0	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		8	13	21	13	9	22	65	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		7	13	21	13	7	21	75	0	1	1	1	0	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		9	14	23	15	8	24	75	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		10	13	24	14	9	23	75	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		10	12	21	12	10	22	75	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		10	13	23	14	9	24	75	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		9	14	23	13	10	23	65	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		8	14	20	12	8	20	95	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		8	13	20	12	8	20	95	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		9	13	24	14	9	23	65	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		9	13	23	13	10	24	75	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		10	13	24	15	9	23	85	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		7	14	20	14	8	21	75	0	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		10	13	24	15	9	24	75	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		9	13	22	14	8	23	65	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	12	20	13	7	21	75	1	1	1	1	0	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		9	15	23	15	9	24	75	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI		10	14	24	14	9	24	75	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		10	14	23	14	10	24	25	1	1	1	1	1	1	0
24	IT2017/045	11700217032	SOHAM ROY		9	14	22	14	8	23	85	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		10	13	23	13	8	23	65	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		9	12	21	13	8	22	75	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		8	13	22	14	9	23	55	1	1	1	1	1	1	0
28	IT2017/031	11700217036	SIMRAN SHAW		9	12	21	12	10	22	75	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		10	12	22	14	8	22	75	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		9	14	23	13	10	24	65	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		9	13	23	13	9	23	75	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		8	14	23	13	9	22	85	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		9	14	23	14	10	23	75	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		9	15	24	15	9	25	95	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		9	13	22	12	9	3	75	1	1	1	1	1	0	1
36	IT2017/072	11700217044	SAYED AKHTAR		10	15	25	15	10	25	65	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		9	14	24	14	9	23	65	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		9	12	20	11	10	21	55	1	1	1	0	1	1	0
39	IT2017/032	11700217047	SALINE SHAW		8	11	20	13	7	21	75	1	0	1	1	0	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		9	14	23	14	9	23	75	1	1	1	1	1	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA		9	13	24	14	9	24	85	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH		9	13	21	14	8	22	35	1	1	1	1	1	1	0
43	IT2017/017	11700217051	ROHAN SHAH		9	13	22	13	9	22	85	1	1	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY		8	14	21	12	9	23	75	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE		10	13	24	15	10	25	75	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		10	12	24	15	9	25	55	1	1	1	1	1	1	0
47	IT2017/002	11700217055	RIYA KIRTANIA		8	13	23	14	9	23	65	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA		9	14	23	14	10	23	55	1	1	1	1	1	1	0
49	IT2017/022	11700217057	RIJA DEY		10	13	23	13	10	23	75	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		9	13	21	13	9	22	75	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL		8	12	20	13	7	20	75	1	1	1	1	0	1	1
52	IT2017/043	11700217060	RAVI KUMAR		9	14	23	13	10	23	75	1	1	1	1	1	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA		9	11	20	11	9	20	65	1	0	1	0	1	1	1
54	IT2017/107	11700217062	RAKESH KUMAR		10	14	24	14	9	24	65	1	1	1	1	1	1	1
55	IT2017/016	11700217063	RAJAT BISWAS		10	13	23	13	10	23	65	1	1	1	1	1	1	1
56	IT2017/046	11700217064	PRIYANSHU JHA		8	12	20	14	6	20	75	1	1	1	1	0	1	1
57	IT2017/114	11700217065	PRIYA SINHA		8	14	22	12	10	22	65	1	1	1	1	1	1	1



58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	ARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

8	12	20	12	8	21	55	1	1	1	1	1	1	0
9	12	21	12	9	22	65	1	1	1	1	1	1	1
9	12	22	13	8	23	65	1	1	1	1	1	1	1
9	13	23	13	9	23	85	1	1	1	1	1	1	1
9	14	23	13	8	24	35	1	1	1	1	1	1	0
9	13	23	13	8	22	85	1	1	1	1	1	1	1
8	13	21	11	9	22	75	1	1	1	0	1	1	1
7	12	20	11	9	20	75	0	1	1	0	1	1	1
8	14	22	13	9	23	75	1	1	1	1	1	1	1
10	12	20	13	8	21	75	1	1	1	1	1	1	1
9	13	22	14	8	22	65	1	1	1	1	1	1	1
8	12	21	13	8	21	75	1	1	1	1	1	1	1
9	12	22	12	8	21	55	1	1	1	1	1	1	0
9	11	20	12	9	20	55	1	0	1	1	1	1	0
9	12	22	13	9	23	85	1	1	1	1	1	1	1
9	11	20	12	9	21	95	1	0	1	1	1	1	1
8	13	22	12	10	22	75	1	1	1	1	1	1	1
9	14	23	13	10	23	75	1	1	1	1	1	1	1
9	14	22	13	10	23	35	1	1	1	1	1	1	0
9	12	20	13	6	20	65	1	1	1	1	0	1	1
9	14	23	14	9	23	75	1	1	1	1	1	1	1
9	13	24	14	10	24	55	1	1	1	1	1	1	0
8	13	23	13	9	23	65	1	1	1	1	1	1	1
8	12	20	10	8	20	55	1	1	1	0	1	1	0
9	11	20	12	8	20	55	1	0	1	1	1	1	0
9	14	22	12	8	22	75	1	1	1	1	1	1	1
8	11	20	11	9	20	65	1	0	1	0	1	1	1
8	13	20	12	9	21	65	1	1	1	1	1	1	1
9	12	22	13	9	23	75	1	1	1	1	1	1	1
7	13	20	13	7	21	35	0	1	1	1	0	1	0
9	11	20	13	7	22	75	1	0	1	1	0	1	1
9	13	22	13	9	23	55	1	1	1	1	1	1	0
8	12	20	13	8	20	65	1	1	1	1	1	1	1
7	13	22	14	9	21	65	0	1	1	1	1	1	1
8	13	20	12	9	23	45	1	1	1	1	1	1	0
9	13	22	13	9	23	55	1	1	1	1	1	1	0
8	14	23	13	8	23	75	1	1	1	1	1	1	1
7	13	20	12	9	20	65	0	1	1	1	1	1	1
9	11	22	14	8	23	95	1	0	1	1	1	1	1
10	12	23	14	7	22	85	1	1	1	1	0	1	1
10	13	22	13	8	22	75	1	1	1	1	1	1	1
8	11	18	11	10	13	95	1	0	0	0	1	0	1
7	15	18	13	9	15	85	0	1	0	1	1	0	1
8	13	19	12	8	13	55	1	1	0	1	1	0	0
8	13	20	13	9	14	75	1	1	1	1	1	0	1
7	12	15	14	7	19	75	0	1	0	1	0	0	1
9	11	21	12	10	14	75	1	0	1	1	1	0	1
8	15	19	12	9	18	55	1	1	0	1	1	0	0
10	15	19	13	9	16	55	1	1	0	1	1	0	0
9	14	19	13	9	17	65	1	1	0	1	1	0	1
9	13	18	12	9	19	55	1	1	0	1	1	0	0
8	12	21	13	8	20	65	1	1	1	1	1	1	1
9	13	22	12	8	20	55	1	1	1	1	1	1	0
8	11	21	11	8	22	65	1	0	1	0	1	1	1
7	12	21	15	9	23	45	0	1	1	1	1	1	0
10	10	22	13	8	19	65	1	0	1	1	1	0	1
6	13	20	12	8	21	65	0	1	1	1	1	1	1
8	12	21	12	7	17	45	1	1	1	1	0	0	0
6	13	22	11	8	18	55	0	1	1	0	1	0	1
7	12	20	12	9	20	65	0	1	1	1	1	1	0
9	10	21	13	9	20	75	1	0	1	1	1	1	1
9	11	20	12	8	22	65	1	0	1	1	1	1	1
8	13	21	10	8	21	75	1	1	1	0	1	1	1
9	10	20	11	7	18	55	1	0	1	0	0	0	0
7	11	21	13	9	20	55	0	0	1	1	1	1	0

1	107	103	114	110	109	107	93
0	15	19	8	12	13	15	29
CO attn	0.88	0.84	0.93	0.90	0.89	0.88	0.76

Avg Attn	0.888	Avg Attn	0.76
Attn Level	3	Attn Level	2



24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR

10	15	22	14	10	22	85	1	1	1	1	1	1	1
9	12	18	11	9	17	65	1	1	0	0	1	0	1
10	13	20	12	9	21	75	1	1	1	1	1	1	1
9	12	18	11	8	18	65	1	1	0	0	1	0	1
10	13	20	13	9	20	75	1	1	1	1	1	1	1
8	11	17	12	9	18	65	1	0	0	1	1	0	1
8	10	16	9	7	15	55	1	0	0	0	0	0	0
8	12	17	11	8	18	65	1	1	0	0	1	0	1
8	11	17	12	9	18	65	1	0	0	1	1	0	1
8	12	18	11	8	17	65	1	1	0	0	1	0	1
9	11	17	12	8	18	65	1	0	0	1	1	0	1
8	10	16	9	7	15	55	1	0	0	0	0	0	0
8	11	17	11	9	18	65	1	0	0	0	1	0	1
7	9	16	9	7	16	55	0	0	0	0	0	0	0
8	10	16	10	7	15	55	1	0	0	0	0	0	0
7	10	15	10	8	16	55	0	0	0	0	1	0	0
10	13	21	12	10	20	75	1	1	1	1	1	1	1
10	15	25	15	10	25	95	1	1	1	1	1	1	1
8	10	16	9	8	15	55	1	0	0	0	1	0	0
10	15	22	14	10	23	85	1	1	1	1	1	1	1
9	12	20	13	9	21	75	1	1	1	1	1	1	1
9	12	20	12	9	20	75	1	1	1	1	1	1	1
8	10	16	10	7	16	55	1	0	0	0	0	0	0
9	12	21	13	9	20	75	1	1	1	1	1	1	1
9	13	20	12	10	20	75	1	1	1	1	1	1	1
10	15	23	15	10	23	85	1	1	1	1	1	1	1
10	13	20	12	10	20	75	1	1	1	1	1	1	1
9	11	17	12	8	17	65	1	0	0	1	1	0	1
9	13	21	12	9	21	75	1	1	1	1	1	1	1
10	13	20	13	10	20	75	1	1	1	1	1	1	1
7	9	15	10	8	16	55	0	0	0	0	1	0	0
10	13	21	12	10	21	75	1	1	1	1	1	1	1
9	13	21	12	9	20	75	1	1	1	1	1	1	1
10	12	20	12	9	21	75	1	1	1	1	1	1	1
9	12	20	13	10	20	75	1	1	1	1	1	1	1
8	12	18	12	8	18	65	1	1	0	1	1	0	1
9	11	17	11	9	17	65	1	0	0	0	1	0	1
10	14	23	14	10	23	85	1	1	1	1	1	1	1
8	9	16	10	8	16	55	1	0	0	0	1	0	0
10	15	25	15	10	25	95	1	1	1	1	1	1	1
10	13	20	13	10	21	75	1	1	1	1	1	1	1
10	13	20	13	10	21	75	1	1	1	1	1	1	1
10	14	23	15	10	22	85	1	1	1	1	1	1	1
9	12	17	12	9	18	65	1	1	0	1	1	0	1
9	11	17	11	8	17	65	1	0	0	0	1	0	1
10	12	20	12	10	20	75	1	1	1	1	1	1	1
9	13	21	13	9	21	75	1	1	1	1	1	1	1
9	13	21	13	9	21	75	1	1	1	1	1	1	1
7	9	13	9	6	13	45	0	0	0	0	0	0	0
10	13	20	12	10	21	75	1	1	1	1	1	1	1
10	12	21	12	10	20	75	1	1	1	1	1	1	1
10	13	20	13	9	20	75	1	1	1	1	1	1	1
6	8	12	8	7	12	45	0	0	0	0	0	0	0
10	13	21	12	10	20	75	1	1	1	1	1	1	1
10	13	21	12	10	20	75	1	1	1	1	1	1	1
6	9	12	9	6	12	45	0	0	0	0	0	0	0
7	9	15	9	7	16	55	0	0	0	0	0	0	0
7	9	16	10	8	15	55	0	0	0	0	1	0	0
10	13	21	12	10	21	75	1	1	1	1	1	1	1
9	13	21	12	9	20	75	1	1	1	1	1	1	1
10	13	21	13	9	21	75	1	1	1	1	1	1	1
10	13	20	13	9	21	75	1	1	1	1	1	1	1
10	15	23	14	10	23	85	1	1	1	1	1	1	1
1	11	10	11	11	12	35	0	0	0	0	1	0	0
8	11	17	11	9	18	65	1	0	0	0	1	0	1
8	9	15	9	7	15	55	1	0	0	0	0	0	0
10	15	25	15	10	25	95	1	1	1	1	1	1	1



91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

9	12	20	13	10	21	75	1	1	1	1	1	1	1	1
6	9	12	9	7	13	45	0	0	0	0	0	0	0	0
10	13	20	12	9	21	75	1	1	1	1	1	1	1	1
10	14	22	15	10	22	85	1	1	1	1	1	1	1	1
10	13	21	12	9	21	75	1	1	1	1	1	1	1	1
10	14	22	15	10	22	85	1	1	1	1	1	1	1	1
10	15	23	15	10	22	85	1	1	1	1	1	1	1	1
10	13	20	13	10	21	75	1	1	1	1	1	1	1	1
10	14	22	14	10	22	85	1	1	1	1	1	1	1	1
9	12	18	12	9	17	65	1	1	0	1	1	0	1	1
8	9	16	10	8	16	55	1	0	0	0	1	0	0	0
7	8	12	9	7	13	45	0	0	0	0	0	0	0	0
10	13	20	12	9	20	75	1	1	1	1	1	1	1	1
10	13	20	12	9	20	75	1	1	1	1	1	1	1	1
9	11	18	12	9	17	65	1	0	0	1	1	0	1	1
9	13	20	12	10	20	75	1	1	1	1	1	1	1	1
9	13	21	12	9	20	75	1	1	1	1	1	1	1	1
9	11	18	12	8	18	65	1	0	0	1	1	0	1	1
9	11	18	12	8	17	65	1	0	0	1	1	0	1	1
9	12	18	12	9	17	65	1	1	0	1	1	1	0	1
9	13	20	13	9	21	75	1	1	1	1	1	1	1	1
10	13	20	12	10	20	75	1	1	1	1	1	1	1	1
10	15	22	15	10	22	85	1	1	1	1	1	1	1	1
10	14	23	14	10	23	85	1	1	1	1	1	1	1	1
8	11	18	12	8	17	65	1	0	0	1	1	1	0	1
9	12	18	11	9	17	65	1	1	0	0	1	0	1	1
10	12	20	13	9	21	75	1	1	1	1	1	1	1	1
9	13	20	13	10	20	75	1	1	1	1	1	1	1	1
8	11	17	11	8	18	65	1	0	0	0	1	0	1	1
10	12	20	12	10	20	75	1	1	1	1	1	1	1	1
8	12	18	11	8	17	65	1	1	0	0	1	0	1	1
7	10	16	10	7	16	55	0	0	0	0	0	0	0	0

1	106	79	68	85	105	68	97
0	16	43	54	37	17	54	25
CO attn	0.87	0.65	0.56	0.70	0.86	0.56	0.80

Avg Attn	0.698
Attn Level	1

Avg Attn	0.80
Attn Level	2

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												1.5	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	1.83	2.00	1.83	2.50	1.00	1.00	1.00	1.50	1.80	1.00	1.83	
Overall(Direct) CO attainment level	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Attainment of PO for this course	1.50	0.92	1.00	0.92	1.25	0.50	0.50	0.50	0.75	0.90	0.50	0.92	0.85

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.17	1.00	
Overall (Direct) CO attainment level	1.5	1.50	1.5	
Attainment of PSO for this course	1.5	1.08	1.29	1.29



Mapping of CO with PO and PSO of Operating System (Paper code: IT-503)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	1	1	-	-	1	1	-	-	-	-	2
	CO2	3	2	1	1	2	-	-	-	-	1	-	2
	CO3	3	2	3	1	1	-	-	-	-	1	-	2
	CO4	3	3	3	2	1	1	-	-	-	2	-	2
	CO5	3	2	1	1	3	1	-	-	-	1	-	2
	CO6	3	2	2	1	-	-	-	-	-	1	-	2
AVERAGE	3.00	2.00	1.83	1.40	2.00	1.00	1.00	0	0	1.20	0	2.00	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	2	2	1
	CO2	2	2	1
	CO3	3	2	1
	CO4	3	3	2
	CO5	3	3	2
	CO6	2	2	1
AVERAGE	2.50	2.33	1.33	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	ALL CA's													CO Attainment in Univ Exam	
				Course Outcomes	CA1/CA2/CA3/CA4						Univ. Exam	Course Outcome Attainment with target in %						
					CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4	CO5		CO6
Target Level	80%						60%	80%										
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	9	12	22	20	11	10	55	1	1	1	1	0	1	0	
2	IT2017/121	11700217008	SUVAM PATRA	8	12	24	21	12	10	75	1	1	1	1	1	1	1	
3	IT2017/089	11700217009	SUSNATA DAS	7	12	24	21	14	8	45	0	1	1	1	1	1	0	
4	IT2017/015	11700217010	SURYAPRATIM RAY	10	13	22	21	12	7	65	1	1	1	1	1	0	1	
5	IT2017/054	11700217012	SUPRATIM DAS	9	12	22	22	13	8	65	1	1	1	1	1	1	1	
6	IT2017/053	11700217013	SUMEDHA SEN	8	11	21	24	14	9	75	1	0	1	1	1	1	1	
7	IT2017/039	11700217014	SUMAN KAYAL	6	14	20	24	12	9	75	0	1	1	1	1	1	1	
8	IT2017/067	11700217015	SUKANYA SAHA	8	14	23	21	13	8	85	1	1	1	1	1	1	1	
9	IT2017/081	11700217016	SUBHASHRI DAS	9	15	22	18	15	9	75	1	1	1	0	1	1	1	
10	IT2017/117	11700217017	SUBHANKAR NATH	9	12	20	23	12	10	95	1	1	1	1	1	1	1	
11	IT2017/052	11700217018	SUBHANGEE	10	13	21	24	13	10	75	1	1	1	1	1	1	1	
12	IT2017/021	11700217019	SUBARNA SARKAR	8	12	17	21	11	9	75	1	1	0	1	0	1	1	
13	IT2017/038	11700217020	SRIPARNA GIRI	7	12	20	21	14	8	75	0	1	1	1	1	1	1	
14	IT2017/011	11700217021	SRIJAYEE SAHA	6	11	21	24	12	8	75	0	0	1	1	1	1	1	
15	IT2017/094	11700217022	SRIJANI ROY	10	13	22	15	13	8	65	1	1	1	0	1	1	1	
16	IT2017/120	11700217023	SREYASHI KARMAKAR	9	14	21	24	12	8	85	1	1	1	1	1	1	1	
17	IT2017/012	11700217024	SOURAV SHAW	10	15	20	21	14	7	75	1	1	1	1	1	0	1	
18	IT2017/075	11700217025	SOURAV SARKAR	8	14	24	21	13	10	85	1	1	1	1	1	1	1	
19	IT2017/064	11700217026	SOURAV SAMANTA	10	12	23	22	11	9	65	1	1	1	1	0	1	1	
20	IT2017/069	11700217027	SOURAV JAISWAL	8	12	22	21	12	8	75	1	1	1	1	1	1	1	
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	8	13	21	20	14	7	55	1	1	1	1	1	0	0	
22	IT2017/063	11700217030	SONALI	8	14	22	20	15	8	55	1	1	1	1	1	1	0	
23	IT2017/109	11700217031	SOMENATH RANA	9	13	23	21	12	8	25	1	1	1	1	1	1	0	
24	IT2017/045	11700217032	SOHAM ROY	9	14	24	21	13	7	75	1	1	1	1	1	0	1	
25	IT2017/079	11700217033	SOHAM BANERJEE	9	13	21	22	15	8	65	1	1	1	1	1	1	1	
26	IT2017/044	11700217034	SNEHA DEEP	10	15	22	24	12	8	75	1	1	1	1	1	1	1	
27	IT2017/083	11700217035	SK ISHAN ALI	8	12	23	23	13	9	55	1	1	1	1	1	1	0	
28	IT2017/031	11700217036	SIMRAN SHAW	7	12	24	22	12	8	65	0	1	1	1	1	1	1	
29	IT2017/023	11700217037	SIMANTINI GHOSH	8	12	22	23	13	8	65	1	1	1	1	1	1	1	
30	IT2017/056	11700217038	SIDHU KUMAR	10	13	23	22	12	8	55	1	1	1	1	1	1	0	
31	IT2017/050	11700217039	SHREYA SENGUPTA	8	15	22	18	14	10	65	1	1	1	0	1	1	1	
32	IT2017/035	11700217040	SHIVANI KUMARI	8	13	22	24	13	10	75	1	1	1	1	1	1	1	
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	9	14	21	21	11	8	55	1	1	1	1	0	1	0	
34	IT2017/099	11700217042	SHIVAM	8	12	21	24	12	7	75	1	1	1	1	1	0	1	
35	IT2017/097	11700217043	SHEIKH TABISH	7	12	22	21	14	10	55	0	1	1	1	1	1	0	
36	IT2017/072	11700217044	SAYED AKHTAR	8	12	20	20	12	8	75	1	1	1	1	1	1	1	
37	IT2017/009	11700217045	SAYANTAN BISWAS	10	14	24	20	13	8	55	1	1	1	1	1	1	0	
38	IT2017/098	11700217046	SAYAN MUKHERJEE	8	12	24	21	12	7	55	1	1	1	1	1	0	0	
39	IT2017/032	11700217047	SALINE SHAW	10	12	22	20	11	8	65	1	1	1	1	0	1	1	
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	9	12	21	22	12	9	65	1	1	1	1	1	1	1	



41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA

8	15	15	22	12	9	85	1	1	0	1	1	1	1
8	12	21	21	14	7	35	1	1	1	1	1	0	0
8	12	22	19	12	10	65	1	1	1	0	1	1	1
9	13	22	20	13	8	75	1	1	1	1	1	1	1
8	11	24	21	13	8	65	1	0	1	1	1	1	1
10	12	24	22	14	8	55	1	1	1	1	1	1	0
9	12	21	21	13	8	75	1	1	1	1	1	1	1
9	13	18	20	11	8	55	1	1	0	1	0	1	0
7	15	15	21	12	8	85	0	1	0	1	1	1	1
10	15	22	22	14	9	75	1	1	1	1	1	1	1
8	11	23	21	13	9	65	1	0	1	1	1	1	1
8	12	22	20	12	10	75	1	1	1	1	1	1	1
9	13	22	21	14	8	65	1	1	1	1	1	1	1
8	12	21	22	14	9	65	1	1	1	1	1	1	1
10	15	22	20	12	7	45	1	1	1	1	1	0	0
9	13	24	23	12	5	75	1	1	1	1	1	0	1
9	13	21	21	13	9	65	1	1	1	1	1	1	1
7	14	22	20	14	8	75	0	1	1	1	1	1	1
9	11	22	21	14	9	65	1	0	1	1	1	1	1
9	12	20	21	12	8	45	1	1	1	1	1	1	0
8	12	20	22	10	8	65	1	1	1	1	0	1	1
9	13	18	21	11	9	35	1	1	0	1	0	1	0
7	12	21	22	14	8	75	0	1	1	1	1	1	1
8	12	22	24	13	7	65	1	1	1	1	1	0	1
8	13	21	21	12	8	65	1	1	1	1	1	1	1
8	13	22	22	12	8	85	1	1	1	1	1	1	1
9	12	21	21	14	8	65	1	1	1	1	1	1	1
9	13	21	20	13	9	65	1	1	1	1	1	1	1
8	12	23	21	14	9	65	1	1	1	1	1	1	1
7	15	21	20	12	10	75	0	1	1	1	1	1	1
8	12	22	21	13	9	75	1	1	1	1	1	1	1
8	10	21	22	12	8	55	1	0	1	1	1	1	0
9	12	17	21	10	5	75	1	1	0	1	0	0	1
7	12	21	20	12	8	55	0	1	1	1	1	1	0
9	10	23	21	14	8	65	1	0	1	1	1	1	1
8	14	21	20	12	7	35	1	1	1	1	1	0	0
9	15	20	23	12	8	55	1	1	1	1	1	1	0
8	12	21	22	13	9	55	1	1	1	1	1	1	0
8	12	22	21	14	8	45	1	1	1	1	1	1	0
9	10	20	22	12	8	65	1	0	1	1	1	1	1
8	15	20	18	12	8	55	1	1	1	0	1	1	0
8	14	24	20	13	8	65	1	1	1	1	1	1	1
9	12	21	20	13	8	65	1	1	1	1	1	1	1
9	12	19	21	14	8	65	1	1	0	1	1	1	1
8	12	22	21	12	8	75	1	1	1	1	1	1	1
7	12	20	21	13	10	85	0	1	1	1	1	1	1
9	13	21	22	14	10	45	1	1	1	1	1	1	0
8	12	21	23	12	8	65	1	1	1	1	1	1	1
8	12	21	22	12	7	45	1	1	1	1	1	0	0
8	14	24	20	11	9	85	1	1	1	1	0	1	1
8	12	22	22	12	9	65	1	1	1	1	1	1	1
8	12	21	21	13	10	45	1	1	1	1	1	1	0
9	15	22	21	14	10	75	1	1	1	1	1	1	1
8	12	21	22	14	8	75	1	1	1	1	1	1	1
9	12	22	20	12	8	65	1	1	1	1	1	1	1
8	12	21	19	13	8	75	1	1	1	0	1	1	1
7	11	21	23	10	9	75	0	0	1	1	0	1	1
8	12	17	20	14	7	65	1	1	0	1	1	0	1
8	11	18	24	11	8	75	1	0	0	1	0	1	1
8	14	22	21	13	8	85	1	1	1	1	1	1	1
9	14	20	21	12	9	65	1	1	1	1	1	1	1
9	12	21	22	14	9	65	1	1	1	1	1	1	1
7	13	21	21	12	7	65	0	1	1	1	1	0	1
8	14	23	17	12	9	75	1	1	1	0	1	1	1
9	12	23	21	11	9	55	1	1	1	1	0	1	0
8	12	21	21	10	10	65	1	1	1	1	0	1	1
8	12	22	22	14	9	65	1	1	1	1	1	1	1
7	14	24	20	12	8	55	0	1	1	1	1	1	0
8	12	21	21	13	8	55	1	1	1	1	1	1	0
8	12	18	22	12	8	65	1	1	0	1	1	1	1
9	13	22	21	14	9	65	1	1	1	1	1	1	1
10	15	21	20	12	10	55	1	1	1	1	1	1	0
10	14	20	21	12	10	65	1	1	1	1	1	1	1
8	14	22	16	8	10	75	1	1	1	0	0	1	1
7	12	22	18	14	10	65	0	1	1	0	1	1	1
8	13	24	22	9	10	55	1	1	1	1	0	1	0
9	12	24	21	12	8	55	1	1	1	1	1	1	0



118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

7	13	21	22	14	8	65	0	1	1	1	1	1	1
8	13	21	20	13	7	65	1	1	1	1	1	0	1
9	14	22	21	11	9	65	1	1	1	1	0	1	1
8	12	19	21	12	9	55	1	1	0	1	1	1	0
9	14	22	22	12	8	45	1	1	1	1	1	1	0

1	105	112	111	113	105	106	87
0	17	10	11	9	17	16	35
CO attn	0.86	0.92	0.91	0.93	0.86	0.87	0.71

Avg Attn	0.89
Attn Level	3

Avg Attn	0.71
Attn Level	2

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												2.5	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.00	1.83	1.40	2.00	1.00	1.00	0	0	1.20	0	2.00	
Overall (Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Attainment of PO for this course	2.50	1.67	1.53	1.17	1.67	0.83	0.83	0.00	0.00	1.00	0.00	1.67	1.07

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.50	2.33	1.33	
Overall (Direct) CO attainment level	2.5	2.5	2.5	
Attainment of PSO for this course	2.08	1.94	1.11	1.71

Mapping of CO with PO and PSO of Programming Practices using C++ (Paper code: IT504F)													
Enter correlation levels 1, 2 or 3 as defined below :													
1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)													
Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	2	3	2	2	1	-	-	2	-	1	2
	CO2	3	3	3	2	2	-	-	-	1	-	2	2
	CO3	3	3	3	2	1	-	-	-	3	-	2	2
	CO4	3	3	3	2	1	-	-	-	3	-	2	2
	CO5	3	3	3	2	2	-	-	-	2	-	2	2
	CO6	3	3	3	2	3	2	2	2	3	3	3	2
	AVERAGE	3.00	2.83	3.00	2.00	1.83	1.50	2.00	2.00	2.33	3.00	2.00	2.00
Average =sum/ number of entry													

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	2	3
	CO2	3	2	3
	CO3	3	2	3
	CO4	3	2	3
	CO5	3	2	3
	CO6	3	3	3
	AVERAGE	3.00	2.17	3.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Course Outcomes	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %							
					CA1/CA2/CA3/CA4							100	CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6									
				Target Level	80%						60%	80%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		9	22	23	14	14	9	65	1	1	0	1	1	1	1	
2	IT2017/121	11700217008	SUVAM PATRA		7	25	22	14	13	8	75	0	1	1	1	1	1	1	
3	IT2017/089	11700217009	SUSNATA DAS		3	14	12	5	6	4	35	0	0	0	0	0	0	0	
4	IT2017/015	11700217010	SURYAPRATIM RAY		8	22	23	14	14	9	65	1	1	1	1	1	1	1	
5	IT2017/054	11700217012	SUPRATIM DAS		10	21	23	13	14	9	65	1	1	1	1	1	1	1	
6	IT2017/053	11700217013	SUMEDHA SEN		10	21	21	15	14	8	75	1	1	1	1	1	1	1	
7	IT2017/039	11700217014	SUMAN KAYAL		10	25	21	14	13	8	75	1	1	1	1	1	1	1	
8	IT2017/067	11700217015	SUKANYA SAHA		9	25	21	14	14	9	75	1	1	1	1	1	1	1	
9	IT2017/081	11700217016	SUBHASHRI DAS		10	25	24	14	13	9	75	1	1	1	1	1	1	1	
10	IT2017/117	11700217017	SUBHANKAR NATH		10	25	21	15	13	8	85	1	1	1	1	1	1	1	



11	IT2017/052	11700217018	SUBHANGEE
12	IT2017/021	11700217019	SUBARNA SARKAR
13	IT2017/038	11700217020	SRIPARNA GIRI
14	IT2017/011	11700217021	SRIJAYEE SAHA
15	IT2017/094	11700217022	SRIJANI ROY
16	IT2017/120	11700217023	SREYASHI KARMAKAR
17	IT2017/012	11700217024	SOURAV SHAW
18	IT2017/075	11700217025	SOURAV SARKAR
19	IT2017/064	11700217026	SOURAV SAMANTA
20	IT2017/069	11700217027	SOURAV JAISWAL
21	IT2017/008	11700217029	SOUFYADEEP MUKHERJEE
22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RUJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMEVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR

10	25	23	13	14	9	65	1	1	1	1	1	1	1
9	24	23	14	14	6	75	1	1	1	1	1	0	1
6	25	20	14	14	8	65	0	1	1	1	1	1	1
8	23	21	14	13	9	65	1	1	1	1	1	1	1
10	23	24	15	14	7	65	1	1	1	1	1	0	1
7	21	23	14	13	7	85	0	1	1	1	1	0	1
10	21	24	15	14	9	75	1	1	1	1	1	1	1
8	22	24	14	13	9	85	1	1	1	1	1	1	1
10	23	23	15	13	8	65	1	1	1	1	1	1	1
6	21	24	15	14	8	75	0	1	1	1	1	1	1
9	12	23	15	14	9	65	1	0	1	1	1	1	1
9	24	22	13	14	9	65	1	1	1	1	1	1	1
5	14	24	3	4	7	0	0	0	1	0	0	0	0
10	22	23	14	14	10	85	1	1	1	1	1	1	1
7	24	22	15	13	9	65	0	1	1	1	1	1	1
10	23	21	14	13	10	65	1	1	1	1	1	1	1
10	22	22	14	14	9	75	1	1	1	1	1	1	1
8	22	21	14	14	8	85	1	1	1	1	1	1	1
9	21	23	14	14	9	65	1	1	1	1	1	1	1
10	17	22	15	14	10	45	1	0	1	1	1	1	0
9	23	22	14	15	9	75	1	1	1	1	1	1	1
9	21	22	15	14	9	75	1	1	1	1	1	1	1
8	21	22	14	15	8	65	1	1	1	1	1	1	1
9	20	24	14	14	9	65	1	1	1	1	1	1	1
9	18	23	13	15	9	65	1	0	1	1	1	1	1
9	21	21	15	15	9	65	1	1	1	1	1	1	1
10	21	25	15	15	10	55	1	1	1	1	1	1	0
9	19	24	14	13	9	55	1	0	1	1	1	1	0
9	20	20	14	14	9	65	1	1	1	1	1	1	1
8	13	20	14	14	8	65	1	0	1	1	1	1	1
9	23	23	13	15	9	75	1	1	1	1	1	1	1
9	18	24	13	14	9	45	1	0	1	1	1	1	0
9	21	21	14	14	9	75	1	1	1	1	1	1	1
9	22	22	15	14	9	75	1	1	1	1	1	1	1
8	21	21	14	14	8	65	1	1	1	1	1	1	1
6	21	24	14	13	10	45	0	1	1	1	1	1	0
7	23	24	13	13	10	75	0	1	1	1	1	1	1
8	13	23	15	14	8	65	1	0	1	1	1	1	1
9	22	23	15	15	9	75	1	1	1	1	1	1	1
10	25	23	14	14	10	75	1	1	1	1	1	1	1
9	23	21	15	14	9	65	1	1	1	1	1	1	1
8	22	20	15	13	8	85	1	1	1	1	1	1	1
9	22	23	13	15	9	65	1	1	1	1	1	1	1
9	21	20	14	15	9	55	1	1	1	1	1	1	0
8	23	24	14	14	10	55	1	1	1	1	1	1	0
8	23	23	15	15	10	85	1	1	1	1	1	1	1
8	23	20	15	15	8	65	1	1	1	1	1	1	1
7	24	22	13	13	8	65	0	1	1	1	1	1	1
8	22	20	14	14	8	75	1	1	1	1	1	1	1
10	20	21	15	14	9	65	1	1	1	1	1	1	1
9	21	22	14	15	9	75	1	1	1	1	1	1	1
9	23	23	14	15	9	45	1	1	1	1	1	1	0
8	22	23	15	13	9	75	1	1	1	1	1	1	1
9	23	23	15	14	9	75	1	1	1	1	1	1	1
8	24	21	15	15	8	65	1	1	1	1	1	1	1
7	21	20	15	14	7	75	0	1	1	1	1	0	1
8	22	22	14	14	8	75	1	1	1	1	1	1	1
10	22	20	13	15	10	65	1	1	1	1	1	1	1
9	23	22	13	15	9	55	1	1	1	1	1	1	0
8	24	21	14	15	8	75	1	1	1	1	1	1	1
9	22	22	15	15	9	75	1	1	1	1	1	1	1
6	21	20	15	9	9	55	0	1	1	1	0	1	0
9	22	22	14	11	9	75	1	1	1	1	0	1	1
8	21	20	14	12	9	55	1	1	1	1	1	1	0
8	22	22	15	14	8	55	1	1	1	1	1	1	0
9	22	23	14	15	9	45	1	1	1	1	1	1	0
9	17	22	15	15	9	55	1	0	1	1	1	1	0
9	22	20	15	14	9	75	1	1	1	1	1	1	1
8	21	23	15	14	9	45	1	1	1	1	1	1	0
9	22	24	15	15	9	55	1	1	1	1	1	1	0
8	21	23	14	14	8	65	1	1	1	1	1	1	1
8	22	20	14	15	8	65	1	1	1	1	1	1	1
9	25	22	14	14	9	65	1	1	1	1	1	1	1
9	24	22	15	15	9	75	1	1	1	1	1	1	1
8	22	20	15	15	8	65	1	1	1	1	1	1	1
8	23	20	14	11	8	65	1	1	1	1	0	1	1
9	22	22	15	15	9	45	1	1	1	1	1	1	0
9	22	20	14	15	8	65	1	1	1	1	1	1	1
8	23	20	13	14	9	45	1	1	1	1	1	1	0
8	25	22	14	13	9	75	1	1	1	1	1	1	1



91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

9	22	21	14	14	8	55	1	1	1	1	1	1	1	0
9	25	22	14	14	9	45	1	1	1	1	1	1	1	0
8	23	22	13	15	8	55	1	1	1	1	1	1	1	0
9	23	21	14	11	9	65	1	1	1	1	0	1	1	1
10	25	23	13	14	8	85	1	1	1	1	1	1	1	1
9	22	20	13	14	7	85	1	1	1	1	1	1	0	1
10	25	25	14	13	9	95	1	1	1	1	1	1	1	1
10	25	23	14	13	10	85	1	1	1	1	1	1	1	1
8	22	22	14	13	10	95	1	1	1	1	1	1	1	1
9	25	25	14	15	10	95	1	1	1	1	1	1	1	1
9	25	22	14	13	9	65	1	1	1	1	1	1	1	1
9	22	23	13	14	8	55	1	1	1	1	1	1	1	0
8	22	20	13	14	7	65	1	1	1	1	1	1	0	1
8	22	22	14	13	9	85	1	1	1	1	1	1	1	1
8	23	23	14	13	10	55	1	1	1	1	1	1	1	0
8	22	21	14	13	10	65	1	1	1	1	1	1	1	1
8	21	24	13	15	8	85	1	1	1	1	1	1	1	1
9	21	22	14	13	9	55	1	1	1	1	1	1	1	0
8	22	23	13	14	8	45	1	1	1	1	1	1	1	0
8	23	22	14	13	9	55	1	1	1	1	1	1	1	0
9	23	23	13	14	8	65	1	1	1	1	1	1	1	1
10	21	21	13	14	7	65	1	1	1	1	1	1	0	1
10	23	23	14	13	9	75	1	1	1	1	1	1	1	1
8	22	23	14	13	10	85	1	1	1	1	1	1	1	1
9	23	22	14	13	10	55	1	1	1	1	1	1	1	0
8	23	21	13	15	8	75	1	1	1	1	1	1	1	1
9	22	23	14	13	9	75	1	1	1	1	1	1	1	1
9	21	24	13	14	8	75	1	1	1	1	1	1	1	1
10	18	17	13	14	7	75	1	0	0	1	1	0	1	1
10	21	21	14	13	9	75	1	1	1	1	1	1	1	1
8	23	23	14	13	10	65	1	1	1	1	1	1	1	1
8	23	22	14	13	10	45	1	1	1	1	1	1	1	0

1	110	111	119	120	116	112	92
0	12	11	3	2	6	10	30
CO att	0.90	0.91	0.98	0.98	0.95	0.92	0.75

Avg Attn	0.94
Attn Level	3

Avg Attn	0.75
Attn Level	2

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												2.5	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.83	3.00	2.00	1.83	1.50	2.00	2.00	2.33	3.00	2.00	2.00	
Overall (Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Attainment of PO for this course	2.50	2.36	2.50	1.67	1.53	1.25	1.67	1.67	1.94	2.50	1.67	1.67	1.91

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.17	3.00	
Overall (Direct) CO attainment level	2.50	2.50	2.50	
Attainment of PSO for this course	2.50	1.81	2.50	2.15



Mapping of CO with PO and PSO of Algorithms Laboratory (Paper code: IT591)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
	CO1	3	3	3	1	1	-	-	-	-	-	-	-	1
	CO2	3	3	3	2	3	-	-	2	-	-	-	-	2
	CO3	3	3	3	2	3	-	-	2	1	-	-	-	2
	CO4	3	3	3	2	3	-	-	2	-	-	1	-	2
	CO5	3	3	3	2	3	-	-	1	1	-	1	-	2
	CO6	3	3	2	1	1	-	-	-	1	-	-	-	1
AVERAGE	3.00	3.00	2.83	1.67	2.33	0	0	1.75	1.00	0	1.00	1.67		

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	3	-
	CO2	3	1	-
	CO3	3	2	-
	CO4	3	3	-
	CO5	3	3	-
	CO6	3	3	-
AVERAGE	3.00	2.50	0	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of students attaining course outcomes and attainment level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam	
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6		
					CO1	CO2	CO3	CO4	CO5	CO6									
					15	15	10	15	15	10									
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	15	14	9	14	15	9	52	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	13	13	8	12	13	8	50	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	12	13	9	12	12	8	45	1	1	1	1	1	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	14	15	9	15	14	9	56	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	14	15	10	14	15	9	57	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	15	14	9	14	14	8	50	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	13	13	8	12	13	8	47	1	1	1	1	1	1	1	0
8	IT2017/067	11700217015	SUKANYA SAHA	80%	15	15	10	14	15	9	55	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	12	12	8	13	12	8	41	1	1	1	1	1	1	1	0
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	12	12	8	12	12	7	35	1	1	1	1	1	0	0	
11	IT2017/052	11700217018	SUBHANGEE	80%	12	13	9	12	13	8	44	1	1	1	1	1	1	1	0
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	15	14	9	15	14	9	56	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	12	13	8	12	13	8	48	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	15	14	10	14	15	9	57	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	14	15	10	15	14	9	57	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	15	15	9	14	15	9	55	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	15	14	9	15	14	8	56	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	12	13	8	12	12	8	41	1	1	1	1	1	1	1	0
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	14	15	9	14	15	9	57	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	14	15	8	15	14	8	51	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	80%	13	12	8	12	13	8	46	1	1	1	1	1	1	1	0
22	IT2017/063	11700217030	SONALI	80%	14	15	9	15	14	9	51	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA	80%	15	14	9	14	15	9	55	1	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY	80%	14	15	10	15	14	9	57	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	15	14	10	14	15	9	55	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	15	15	9	15	14	10	56	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	12	12	8	13	12	8	44	1	1	1	1	1	1	1	0
28	IT2017/031	11700217036	SIMRAN SHAW	80%	12	13	8	12	13	8	44	1	1	1	1	1	1	1	0
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	13	11	8	12	12	7	42	1	0	1	1	1	0	0	
30	IT2017/056	11700217038	SIDHU KUMAR	80%	14	15	9	15	14	9	55	1	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	14	13	8	14	15	9	45	1	1	1	1	1	1	1	0
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	15	14	9	14	14	9	53	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	15	14	9	15	14	9	52	1	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM	80%	15	15	10	15	15	10	58	1	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	15	14	8	14	15	10	52	1	1	1	1	1	1	1	1



36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	CARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA

13	12	9	12	12	8	45	1	1	1	1	1	1	0
13	15	8	15	14	9	57	1	1	1	1	1	1	1
14	15	9	14	15	9	56	1	1	1	1	1	1	1
12	12	9	12	12	8	46	1	1	1	1	1	1	0
12	11	8	11	12	6	35	1	0	1	0	1	0	0
15	15	9	15	14	9	55	1	1	1	1	1	1	1
15	14	10	15	14	10	57	1	1	1	1	1	1	1
15	15	9	14	14	9	55	1	1	1	1	1	1	1
15	14	9	15	14	9	53	1	1	1	1	1	1	1
12	11	8	12	12	8	48	1	0	1	1	1	1	1
14	15	9	14	14	9	55	1	1	1	1	1	1	1
12	14	9	13	12	9	46	1	1	1	1	1	1	0
12	13	8	11	12	8	40	1	1	1	0	1	1	0
12	13	8	12	12	9	47	1	1	1	1	1	1	0
14	15	9	14	14	10	57	1	1	1	1	1	1	1
12	13	8	12	12	8	41	1	1	1	1	1	1	0
12	11	8	12	13	9	40	1	0	1	1	1	1	0
12	12	8	13	12	8	46	1	1	1	1	1	1	0
13	13	8	13	12	8	45	1	1	1	1	1	1	0
14	15	10	15	14	10	57	1	1	1	1	1	1	1
14	15	9	14	14	9	56	1	1	1	1	1	1	1
13	12	8	11	12	9	41	1	1	1	0	1	1	0
15	14	9	15	14	10	51	1	1	1	1	1	1	1
12	12	8	12	13	8	45	1	1	1	1	1	1	0
13	12	8	13	11	7	43	1	1	1	1	0	0	0
14	15	9	14	15	9	52	1	1	1	1	1	1	1
15	14	9	15	15	9	57	1	1	1	1	1	1	1
14	15	9	15	14	9	51	1	1	1	1	1	1	1
14	15	10	14	15	9	55	1	1	1	1	1	1	1
12	12	7	11	10	7	35	1	1	0	0	0	0	0
12	10	7	12	10	6	28	1	0	0	1	0	0	0
11	12	8	12	11	7	46	0	1	1	1	0	0	0
12	12	8	12	13	9	47	1	1	1	1	1	1	0
12	13	9	12	13	8	45	1	1	1	1	1	1	0
15	14	9	15	14	9	50	1	1	1	1	1	1	1
12	13	8	13	13	8	49	1	1	1	1	1	1	1
14	15	9	14	15	8	51	1	1	1	1	1	1	1
14	15	9	14	15	10	54	1	1	1	1	1	1	1
14	15	9	14	14	9	55	1	1	1	1	1	1	1
15	15	9	14	15	9	55	1	1	1	1	1	1	1
14	15	9	14	14	10	56	1	1	1	1	1	1	1
14	15	9	14	14	9	55	1	1	1	1	1	1	1
13	10	8	13	12	7	35	1	0	1	1	1	1	0
15	14	10	15	14	9	57	1	1	1	1	1	1	1
14	15	10	13	14	9	57	1	1	1	1	1	1	1
15	14	9	14	15	9	56	1	1	1	1	1	1	1
12	13	8	13	12	9	41	1	1	1	1	1	1	0
14	15	10	15	14	9	52	1	1	1	1	1	1	1
12	12	9	13	12	9	46	1	1	1	1	1	1	0
12	13	8	13	13	8	40	1	1	1	1	1	1	0
12	11	8	12	10	7	35	1	0	1	1	0	0	0
14	15	9	14	15	9	50	1	1	1	1	1	1	1
12	13	9	13	12	8	47	1	1	1	1	1	1	0
12	13	8	12	12	9	40	1	1	1	1	1	1	0
12	12	8	13	13	8	45	1	1	1	1	1	1	0
12	12	9	14	13	8	41	1	1	1	1	1	1	0
15	13	9	15	13	9	41	1	1	1	1	1	1	0
14	15	8	13	12	8	46	1	1	1	1	1	1	0
12	12	8	12	13	9	47	1	1	1	1	1	1	0
13	12	9	13	13	8	45	1	1	1	1	1	1	0
12	13	8	13	12	9	40	1	1	1	1	1	1	0
13	12	9	13	13	8	48	1	1	1	1	1	1	1
12	12	8	12	13	9	44	1	1	1	1	1	1	0
11	11	9	13	11	8	42	0	0	1	1	0	1	0
10	12	8	12	12	9	45	0	1	1	1	1	1	0
13	12	7	12	12	8	45	1	1	0	1	1	1	0
12	13	10	13	10	8	48	1	1	1	1	0	1	1
11	11	10	12	11	8	52	0	0	1	1	0	1	1
13	12	8	11	12	9	51	1	1	1	0	1	1	1
12	13	7	10	11	7	50	1	1	0	0	0	0	1
13	10	8	10	12	8	54	1	0	1	0	1	1	1
14	14	9	11	13	8	49	1	1	1	0	1	1	1
10	12	9	11	12	7	48	0	1	1	0	1	0	1
11	12	9	12	11	8	53	0	1	1	1	0	1	1
11	13	8	13	12	9	52	0	1	1	1	1	1	1



111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

12	14	8	12	12	8	52	1	1	1	1	1	1	1
13	11	7	13	11	9	51	1	0	0	1	0	1	1
13	12	8	12	11	8	54	1	1	1	1	0	1	1
12	11	10	11	13	9	51	1	0	1	0	1	1	1
14	13	10	10	10	8	52	1	1	1	0	0	1	1
12	12	9	11	13	8	52	1	1	1	0	1	1	1
12	12	9	12	11	9	51	1	1	1	1	0	1	1
14	12	8	12	12	8	53	1	1	1	1	1	1	1
11	13	9	11	12	8	52	0	1	1	0	1	1	1
10	12	10	13	10	9	52	0	1	1	1	0	1	1
13	12	10	12	10	9	46	1	1	1	1	0	1	0
13	12	9	11	10	9	50	1	1	1	0	0	1	1

1	113	110	117	108	105	112	74
0	9	12	5	14	17	10	48
CO attn	0.93	0.90	0.96	0.89	0.86	0.92	0.61

Avg Attn	0.91
Attn Level	3

Avg Attn	0.61
Attn Level	1

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												1.8	
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	3.00	2.83	1.67	2.33	0	0	1.75	1.00	0	1.00	1.67	
Overall(Direct) CO attainment level	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
Attainment of PO for this course	1.80	1.80	1.70	1.00	1.40	0.00	0.00	1.05	0.60	0.00	0.60	1.00	0.91

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.50	0	
Overall(Direct) CO attainment level	1.8	1.8	1.8	
Attainment of PSO for this course	1.80	1.50	0.00	1.10

Mapping of CO with PO and PSO of Computer Architecture Lab (Paper code: IT592)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	1	2	1	1	-	-	-	-	1	1	1
	CO2	1	1	1	1	1	-	-	-	-	1	-	1
	CO3	2	1	1	1	1	-	-	-	-	1	-	1
	CO4	1	1	1	1	1	-	-	-	-	1	-	1
	CO5	1	1	1	1	1	-	-	-	-	1	-	1
	CO6	1	1	3	1	3	-	-	-	2	2	2	1
AVERAGE	1.33	1.00	1.50	1.00	1.33	0.00	0.00	0.00	2.00	1.17	1.50	1.00	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	-	1
	CO2	3	-	1
	CO3	3	-	1
	CO4	3	-	1
	CO5	3	-	1
	CO6	3	1	1
AVERAGE	3.00	1.00	1.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					15	15	10	15	15	10								
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	13	12	10	13	13	10	75	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	14	14	10	14	15	10	85	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	13	13	10	12	12	10	75	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	15	15	10	14	14	10	85	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	12	12	10	13	13	9	75	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	15	14	10	15	15	10	85	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	15	15	10	15	15	10	95	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	15	15	10	15	15	10	85	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	15	15	10	15	15	10	95	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	15	15	10	15	15	10	95	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	13	13	10	12	12	10	75	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	14	14	10	15	15	10	85	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	14	14	10	14	14	10	85	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	15	15	10	15	14	10	85	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	14	15	10	15	14	10	85	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	15	15	10	15	15	10	95	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	12	13	9	13	13	10	75	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	15	15	10	15	15	10	95	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	14	14	10	15	14	10	85	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	15	15	10	14	15	10	85	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	80%	12	13	10	13	13	10	75	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI	80%	15	14	10	15	14	10	85	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA	80%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	IT2017/045	11700217032	SOHAM ROY	80%	14	15	10	14	15	10	85	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	14	14	10	14	14	10	85	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	15	15	10	15	14	10	85	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	13	13	9	12	12	9	75	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW	80%	12	12	9	13	13	10	75	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	15	15	10	15	15	10	85	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR	80%	12	13	10	12	12	9	75	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	14	14	10	15	15	10	85	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	14	15	10	14	15	10	85	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	13	13	10	13	12	10	75	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM	80%	15	15	10	15	14	10	85	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	15	14	10	14	15	10	85	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR	80%	14	15	10	15	15	10	85	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	13	12	10	13	12	10	75	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE	80%	14	14	10	15	14	10	85	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW	80%	14	14	10	14	15	10	85	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	80%	14	15	10	15	14	10	85	1	1	1	1	1	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA	80%	15	15	10	15	15	10	95	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH	80%	13	13	10	13	12	10	75	1	1	1	1	1	1	1
43	IT2017/017	11700217051	ROHAN SHAH	80%	13	12	10	12	12	9	75	1	1	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY	80%	12	13	10	12	13	10	75	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE	80%	15	14	10	14	14	10	85	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI	80%	12	13	10	12	13	9	75	1	1	1	1	1	1	1
47	IT2017/002	11700217055	RIYA KIRTANIA	80%	15	15	10	15	15	10	95	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA	80%	14	15	10	14	15	10	85	1	1	1	1	1	1	1
49	IT2017/022	11700217057	RIJA DEY	80%	15	15	10	15	15	10	95	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA	80%	15	14	10	15	14	10	85	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL	80%	14	14	10	15	15	10	85	1	1	1	1	1	1	1
52	IT2017/043	11700217060	RAVI KUMAR	80%	13	13	10	13	12	10	75	1	1	1	1	1	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA	80%	14	14	10	15	15	10	85	1	1	1	1	1	1	1
54	IT2017/107	11700217062	RAKESH KUMAR	80%	15	15	10	14	15	10	85	1	1	1	1	1	1	1
55	IT2017/016	11700217063	RAJAT BISWAS	80%	14	15	10	15	15	10	85	1	1	1	1	1	1	1
56	IT2017/046	11700217064	PRIYANSHU JHA	80%	14	15	10	14	14	10	85	1	1	1	1	1	1	1



57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	ARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

12	13	10	12	13	9	75	1	1	1	1	1	1	1	1	1
14	14	10	14	14	10	85	1	1	1	1	1	1	1	1	1
12	13	10	12	13	10	75	1	1	1	1	1	1	1	1	1
13	12	10	13	13	9	75	1	1	1	1	1	1	1	1	1
15	14	10	15	14	10	85	1	1	1	1	1	1	1	1	1
12	13	9	12	12	9	75	1	1	1	1	1	1	1	1	1
14	14	10	15	15	10	85	1	1	1	1	1	1	1	1	1
15	14	10	14	15	10	85	1	1	1	1	1	1	1	1	1
15	14	10	15	15	10	85	1	1	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1	1	1
14	14	10	15	15	10	85	1	1	1	1	1	1	1	1	1
13	12	10	12	10	75	1	1	1	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1	1	1
12	12	10	12	12	10	75	1	1	1	1	1	1	1	1	1
15	15	10	15	15	10	85	1	1	1	1	1	1	1	1	1
13	12	9	13	13	10	75	1	1	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1	1	1
15	14	10	15	14	10	85	1	1	1	1	1	1	1	1	1
12	13	9	12	13	10	75	1	1	1	1	1	1	1	1	1
13	13	9	12	12	10	75	1	1	1	1	1	1	1	1	1
12	12	9	13	12	9	75	1	1	1	1	1	1	1	1	1
13	12	9	12	13	9	75	1	1	1	1	1	1	1	1	1
12	12	9	13	13	10	75	1	1	1	1	1	1	1	1	1
12	12	9	13	13	9	75	1	1	1	1	1	1	1	1	1
14	14	10	15	15	10	85	1	1	1	1	1	1	1	1	1
15	14	10	14	15	10	85	1	1	1	1	1	1	1	1	1
14	14	10	14	15	10	85	1	1	1	1	1	1	1	1	1
12	12	9	13	13	9	75	1	1	1	1	1	1	1	1	1
13	12	9	13	12	9	75	1	1	1	1	1	1	1	1	1
8	8	7	9	9	7	45	0	0	0	0	0	0	0	0	0
15	14	10	15	15	10	85	1	1	1	1	1	1	1	1	1
13	13	9	13	13	9	75	1	1	1	1	1	1	1	1	1
15	15	10	15	15	10	85	1	1	1	1	1	1	1	1	1
14	14	10	15	14	10	85	1	1	1	1	1	1	1	1	1
13	12	9	12	12	10	75	1	1	1	1	1	1	1	1	1
13	13	10	12	13	10	75	1	1	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1	1	1
15	14	10	14	15	10	85	1	1	1	1	1	1	1	1	1
15	15	10	14	15	10	85	1	1	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1	1	1
14	15	10	15	15	10	85	1	1	1	1	1	1	1	1	1
14	15	10	14	14	10	85	1	1	1	1	1	1	1	1	1
13	12	10	13	13	9	75	1	1	1	1	1	1	1	1	1
13	13	9	13	13	9	75	1	1	1	1	1	1	1	1	1
12	12	10	13	12	10	75	1	1	1	1	1	1	1	1	1
14	14	10	14	15	10	85	1	1	1	1	1	1	1	1	1
14	15	10	14	15	10	85	1	1	1	1	1	1	1	1	1
15	14	10	14	15	10	85	1	1	1	1	1	1	1	1	1
15	15	10	15	15	10	95	1	1	1	1	1	1	1	1	1
12	12	9	13	13	10	75	1	1	1	1	1	1	1	1	1
12	13	9	12	13	9	75	1	1	1	1	1	1	1	1	1
14	14	10	14	14	10	85	1	1	1	1	1	1	1	1	1
14	14	10	15	15	10	85	1	1	1	1	1	1	1	1	1
12	13	9	13	13	10	75	1	1	1	1	1	1	1	1	1
12	13	10	13	12	9	75	1	1	1	1	1	1	1	1	1
13	12	10	13	13	10	75	1	1	1	1	1	1	1	1	1
14	15	10	14	15	10	85	1	1	1	1	1	1	1	1	1
14	15	10	14	15	10	85	1	1	1	1	1	1	1	1	1

1	120	120	120	120	120	101	120
0	2	2	2	2	2	2	2
CO attn	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Avg Attn	0.98						
Attn Level	3						



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level													3
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	1.33	1.00	1.50	1.00	1.33	0.00	0.00	0.00	2.00	1.17	1.50	1.00	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	1.33	1.00	1.50	1.00	1.33	0.00	0.00	0.00	2.00	1.17	1.50	1.00	0.99

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	1.00	1.00	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	3.00	1.00	1.00	1.67

Mapping of CO with PO and PSO of Operating System Laboratory (Paper code: IT593)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	1	1	-	-	1	-	-	-	-	2	2
	CO2	3	1	1	-	-	-	-	-	-	-	2	2
	CO3	3	3	1	1	-	-	-	-	-	-	2	2
	CO4	3	3	2	1	-	-	-	-	-	-	2	2
	CO5	3	3	2	1	-	-	-	-	-	-	2	2
	CO6	3	2	3	1	-	2	-	-	-	-	2	2
	AVERAGE	3.00	2.17	1.67	1.00	0	1.50	0	0	0	0	2.00	2.00
Average =sum/ number of entry													

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	1	1
	CO2	3	1	1
	CO3	3	2	1
	CO4	3	2	2
	CO5	3	2	2
	CO6	3	3	2
	AVERAGE	2.67	1.83	1.50

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA'S						Univ. Exam	Course Outcome Attainment with target in %							
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam	
					CO1	CO2	CO3	CO4	CO5	CO6									
					15	15	10	15	15	10	60								
					80%						80%	80%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		12	12	7	12	10	8	52	1	1	0	1	0	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		13	11	8	10	13	8	57	1	0	1	0	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		12	10	6	8	12	7	35	1	0	0	0	1	0	0	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		14	13	8	13	13	8	56	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		8	12	8	12	7	8	45	0	1	1	1	0	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		14	12	9	12	12	10	58	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		13	13	9	12	13	8	50	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		14	14	10	13	14	10	58	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		15	13	10	13	12	8	57	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		13	14	10	12	12	10	57	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		12	9	9	10	8	8	53	1	0	1	0	0	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		13	14	10	14	13	9	54	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		12	7	8	10	7	8	45	1	0	1	0	0	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		12	12	7	10	10	8	53	1	1	0	0	0	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		14	15	10	15	14	9	54	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		15	15	9	14	15	9	57	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		12	12	8	10	12	8	52	1	1	1	0	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		14	15	10	12	12	8	58	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		12	10	10	12	12	7	53	1	0	1	1	1	0	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		14	15	10	14	14	8	58	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		12	10	6	10	5	8	45	1	0	0	0	0	1	1	1



22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH

12	12	6	10	12	6	48	1	1	0	0	1	0	1
8	5	4	10	0	6	0	0	0	0	0	0	0	0
14	12	10	12	12	9	58	1	1	1	1	1	1	1
15	14	9	14	12	9	58	1	1	1	1	1	1	1
12	12	8	10	12	9	52	1	1	1	0	1	1	1
12	10	8	12	10	6	47	1	0	1	1	0	0	1
12	12	8	10	12	8	52	1	1	1	1	0	1	1
13	12	6	10	12	7	52	1	1	0	0	1	0	1
12	8	8	10	9	8	45	1	0	1	0	0	1	1
12	12	7	12	8	8	52	1	1	0	1	0	1	1
12	8	8	10	8	8	50	1	0	1	0	0	1	1
12	12	7	12	8	8	45	1	1	0	1	0	1	1
13	12	7	12	12	6	46	1	1	0	1	1	0	1
12	10	10	12	9	9	46	1	0	1	1	0	1	1
11	12	9	10	12	8	52	0	1	1	0	1	1	1
13	15	8	15	14	9	40	1	1	1	1	1	1	0
14	15	9	14	15	9	52	1	1	1	1	1	1	1
12	12	9	12	12	8	50	1	1	1	1	1	1	1
15	15	8	15	14	8	57	1	1	1	1	1	1	1
15	15	9	15	14	9	58	1	1	1	1	1	1	1
15	14	10	15	13	10	38	1	1	1	1	1	1	0
15	15	9	14	13	9	51	1	1	1	1	1	1	1
15	14	9	15	14	9	58	1	1	1	1	1	1	1
12	11	8	12	12	8	58	1	0	1	1	1	1	1
10	10	8	12	7	8	45	0	0	1	1	0	1	1
14	14	10	13	13	9	58	1	1	1	1	1	1	1
12	13	8	11	12	8	53	1	1	1	0	1	1	1
15	14	9	14	13	9	58	1	1	1	1	1	1	1
14	15	9	14	14	10	58	1	1	1	1	1	1	1
12	13	8	12	12	8	51	1	1	1	1	1	1	1
12	11	8	10	10	9	45	1	0	1	0	0	1	1
12	12	8	13	12	8	56	1	1	1	1	1	1	1
13	13	8	13	12	8	52	1	1	1	1	1	1	1
14	14	9	14	12	10	56	1	1	1	1	1	1	1
14	15	9	14	14	9	50	1	1	1	1	1	1	1
12	12	7	11	10	9	40	1	1	0	0	0	1	0
15	14	9	15	14	10	57	1	1	1	1	1	1	1
12	12	8	12	13	8	45	1	1	1	1	1	1	1
13	12	8	13	11	7	40	1	1	1	1	0	0	0
14	15	9	14	15	9	58	1	1	1	1	1	1	1
12	10	6	10	10	8	32	1	0	0	0	0	1	0
14	15	9	15	14	9	55	1	1	1	1	1	1	1
12	12	7	10	12	8	45	1	1	0	0	1	1	1
12	12	6	11	10	7	43	1	1	0	0	0	0	1
12	10	7	12	10	6	58	1	0	0	1	0	0	1
11	12	8	12	11	7	57	0	1	1	1	0	0	1
12	12	8	12	13	9	45	1	1	1	1	1	1	1
12	13	9	12	13	8	58	1	1	1	1	1	1	1
12	12	7	10	10	9	45	1	1	0	0	0	1	1
12	13	8	13	13	8	52	1	1	1	1	1	1	1
12	12	6	10	10	9	56	1	1	0	0	0	1	1
14	15	9	14	15	10	58	1	1	1	1	1	1	1
14	15	9	14	14	9	51	1	1	1	1	1	1	1
15	15	9	14	15	9	52	1	1	1	1	1	1	1
10	10	9	9	9	8	35	0	0	1	0	0	1	0
14	15	9	14	14	9	45	1	1	1	1	0	1	1
13	10	8	13	12	7	50	1	0	1	1	0	1	1
10	10	8	1	9	8	42	0	0	1	0	1	1	1
12	12	6	10	12	7	45	1	1	0	0	0	1	1
15	14	9	14	15	9	50	1	1	1	1	1	1	1
12	13	8	13	12	9	50	1	1	1	1	1	1	1
14	15	10	15	14	9	45	1	1	1	1	1	1	1
12	12	9	13	12	9	50	1	1	1	1	1	1	1
12	13	8	13	13	8	53	1	1	1	1	1	1	1
12	11	8	12	10	7	45	1	0	1	1	0	0	1
12	5	0	10	5	2	30	1	0	0	0	0	0	0
12	13	9	13	12	8	52	1	1	1	1	1	1	1
12	13	8	12	12	9	52	1	1	1	1	1	1	1
12	12	8	13	13	8	57	1	1	1	1	1	1	1
12	12	9	14	13	8	45	1	1	1	1	1	1	1
12	8	7	10	12	4	46	1	0	0	0	1	0	1
14	15	8	13	12	8	48	1	1	1	1	1	1	1
12	12	8	12	13	9	57	1	1	1	1	1	1	1
15	15	9	14	14	8	57	1	1	1	1	1	1	1



96	IT2017/051	11700217105	RUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

15	15	9	14	14	10	58	1	1	1	1	1	1	1
12	12	8	12	11	8	50	1	1	1	1	0	1	1
13	13	9	12	12	9	55	1	1	1	1	1	1	1
15	15	9	14	14	10	58	1	1	1	1	1	1	1
15	15	8	14	14	7	57	1	1	1	1	1	0	1
10	10	8	11	8	8	45	0	0	1	0	0	1	1
12	11	8	12	12	9	45	1	0	1	1	1	1	1
12	12	9	10	10	8	57	1	1	1	0	0	1	1
10	13	7	10	12	7	50	0	1	0	0	1	0	1
12	12	8	12	13	8	45	1	1	1	1	1	1	1
8	11	7	12	12	9	50	0	0	0	1	1	1	1
10	10	8	13	13	7	52	0	0	1	1	1	0	1
12	12	8	9	12	8	52	1	1	1	0	1	1	1
10	12	9	9	12	6	50	0	1	1	0	1	0	1
10	12	8	10	12	8	45	0	1	1	0	1	1	1
12	12	9	11	12	8	52	1	1	1	0	1	1	1
12	12	10	11	12	8	45	1	1	1	0	1	1	1
15	14	10	13	14	10	58	1	1	1	1	1	1	1
15	15	9	14	14	10	57	1	1	1	1	1	1	1
13	12	8	10	12	9	46	1	1	1	0	1	1	1
12	11	8	9	12	9	45	1	0	1	0	1	1	1
12	12	8	10	12	9	56	1	1	1	0	1	1	1
12	10	8	12	8	8	50	1	0	1	1	0	1	1
10	10	8	12	6	9	32	0	0	1	1	0	1	0
12	10	8	12	8	8	54	1	0	1	1	0	1	1
10	10	8	12	6	9	45	0	0	1	1	0	1	1
12	10	8	12	8	8	45	1	0	1	1	0	1	1

1	107	90	100	83	85	88	112
0	15	32	22	39	37	18	10
CO attn	0.88	0.74	0.82	0.68	0.70	0.83	0.92

Avg Attn	0.77
Attn Level	2

Avg Attn	0.92
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												2.6	
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.17	1.67	1.00	0	1.50	0	0	0	0	2.00	2.00	
Overall(Direct) CO attainment level	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	
Attainment of PO for this course	2.60	1.88	1.44	0.87	0.00	1.30	0.00	0.00	0.00	0.00	1.73	1.73	0.96

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.67	1.83	1.50	
Overall(Direct) CO attainment level	2.6	2.6	2.6	
Attainment of PSO for this course	2.31	1.59	1.30	1.73



Mapping of CO with PO and PSO of the Course Programming Practices using C++ lab(IT-594F)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put "-" (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	3	3	2	2	-	-	-	-	-	2	2
	CO2	3	3	3	2	2	-	-	-	1	-	2	1
	CO3	3	3	3	2	2	-	-	-	-	-	2	1
	CO4	3	3	3	2	2	-	-	-	-	-	2	1
	CO5	3	3	3	3	3	2	2	-	2	-	2	2
	CO6	1	1	2	-	2	3	2	3	3	2	2	2
AVERAGE	2.67	2.67	2.83	2.20	2.17	2.50	2.00	3.00	2.00	2.00	2.00	1.50	
Average =sum/ number of entry													

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	2	3
	CO2	3	2	3
	CO3	3	2	3
	CO4	3	2	3
	CO5	3	2	3
	CO6	3	3	3
AVERAGE	3.00	2.17	3.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam	
					Course Outcomes			Marks Distribution				60	CO1	CO2	CO3	CO4	CO5		CO6
					CO1	CO2	CO3	CO4	CO5	CO6									
					15	10	15	25	10	5									
80%						80%	80%												
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	14	9	14	22	9	5	51	1	1	1	1	1	1	1		
2	IT2017/121	11700217008	SUVAM PATRA	15	8	12	23	8	5	51	1	1	1	1	1	1	1		
3	IT2017/089	11700217009	SUSNATA DAS	12	9	13	21	8	4	57	1	1	1	1	1	1	1		
4	IT2017/015	11700217010	SURYAPRATIM RAY	15	9	12	22	9	4	51	1	1	1	1	1	1	1		
5	IT2017/054	11700217012	SUPRATIM DAS	12	8	13	22	8	3	51	1	1	1	1	1	0	1		
6	IT2017/053	11700217013	SUMEDHA SEN	13	9	14	23	8	4	51	1	1	1	1	1	1	1		
7	IT2017/039	11700217014	SUMAN KAYAL	11	9	12	23	9	4	51	0	1	1	1	1	1	1		
8	IT2017/067	11700217015	SUKANYA SAHA	12	9	12	24	9	5	51	1	1	1	1	1	1	1		
9	IT2017/081	11700217016	SUBHASHRI DAS	10	8	13	22	8	4	51	0	1	1	1	1	1	1		
10	IT2017/117	11700217017	SUBHANKAR NATH	13	8	12	21	9	4	51	1	1	1	1	1	1	1		
11	IT2017/052	11700217018	SUBHANGEE	12	9	14	20	8	4	51	1	1	1	1	1	1	1		
12	IT2017/021	11700217019	SUBARNA SARKAR	12	8	12	21	9	4	51	1	1	1	1	1	1	1		
13	IT2017/038	11700217020	SRIPARNA GIRI	12	8	13	21	8	4	51	1	1	1	1	1	1	1		
14	IT2017/011	11700217021	SRIJAYEE SAHA	13	9	15	22	9	5	51	1	1	1	1	1	1	1		
15	IT2017/094	11700217022	SRIJANI ROY	12	8	13	20	8	4	51	1	1	1	1	1	1	1		
16	IT2017/120	11700217023	SREYASHI KARMAKAR	11	8	12	23	8	4	51	0	1	1	1	1	1	1		
17	IT2017/012	11700217024	SOURAV SHAW	15	9	14	24	9	4	51	1	1	1	1	1	1	1		
18	IT2017/075	11700217025	SOURAV SARKAR	12	8	13	23	8	5	51	1	1	1	1	1	1	1		
19	IT2017/064	11700217026	SOURAV SAMANTA	13	9	13	24	9	5	51	1	1	1	1	1	1	1		
20	IT2017/069	11700217027	SOURAV JAISWAL	12	8	12	21	9	4	51	1	1	1	1	1	1	1		
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	13	8	15	21	10	5	51	1	1	1	1	1	1	1		
22	IT2017/063	11700217030	SONALI	13	8	14	23	8	5	51	1	1	1	1	1	1	1		
23	IT2017/109	11700217031	SOMENATH RANA	0	3	4	7	2	0	0	0	0	0	0	0	0	0		
24	IT2017/045	11700217032	SOHAM ROY	13	9	15	23	9	4	51	1	1	1	1	1	1	1		
25	IT2017/079	11700217033	SOHAM BANERJEE	13	9	14	25	9	5	51	1	1	1	1	1	1	1		
26	IT2017/044	11700217034	SNEHA DEEP	12	10	14	21	9	5	51	1	1	1	1	1	1	1		
27	IT2017/083	11700217035	SK ISHAN ALI	14	8	13	24	8	5	51	1	1	1	1	1	1	1		
28	IT2017/031	11700217036	SIMRAN SHAW	13	8	13	23	8	4	51	1	1	1	1	1	1	1		
29	IT2017/023	11700217037	SIMANTINI GHOSH	12	9	12	22	8	4	51	1	1	1	1	1	1	1		
30	IT2017/056	11700217038	SIDHU KUMAR	9	8	12	22	6	3	51	0	1	1	1	0	0	1		
31	IT2017/050	11700217039	SHREYA SENGUPTA	12	9	13	20	8	4	51	1	1	1	1	1	1	1		
32	IT2017/035	11700217040	SHIVANI KUMARI	13	10	14	21	10	5	51	1	1	1	1	1	1	1		
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	10	8	10	17	8	3	51	0	1	1	0	0	1	0		
34	IT2017/099	11700217042	SHIVAM	12	8	13	18	7	5	51	1	1	1	0	0	1	1		
35	IT2017/097	11700217043	SHEIKH TABISH	10	9	12	19	9	4	51	0	1	1	0	1	1	1		
36	IT2017/072	11700217044	SAYED AKHTAR	13	8	12	18	8	4	51	1	1	1	0	1	1	1		
37	IT2017/009	11700217045	SAYANTAN BISWAS	11	8	12	18	6	5	51	0	1	1	0	0	1	1		



38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	RUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH

12	8	12	20	8	4	51	1	1	1	1	1	1	1
12	8	11	21	8	4	51	1	1	0	1	1	1	1
13	8	12	21	8	5	51	1	1	1	1	1	1	1
12	9	13	22	6	4	51	1	1	1	1	0	1	1
14	8	12	20	7	4	51	1	1	1	1	1	0	1
11	8	14	23	8	4	51	0	1	1	1	1	1	1
12	9	13	21	8	4	51	1	1	1	1	1	1	1
14	10	15	24	8	2	51	1	1	1	1	1	0	1
8	9	12	20	9	4	51	0	1	1	1	1	1	1
12	10	14	24	9	4	51	1	1	1	1	1	1	1
12	8	12	21	7	4	51	1	1	1	1	0	1	1
13	9	14	25	9	4	51	1	1	1	1	1	1	1
15	10	15	25	9	5	51	1	1	1	1	1	1	1
13	8	13	21	9	4	51	1	1	1	1	1	1	1
12	7	11	20	7	4	51	1	0	0	1	0	1	1
12	9	13	18	8	4	51	1	1	1	0	1	1	1
12	8	14	20	8	4	51	1	1	1	1	1	1	1
13	9	14	21	8	4	51	1	1	1	1	1	1	1
14	9	14	20	9	4	51	1	1	1	1	1	1	1
13	8	12	21	9	5	51	1	1	1	1	1	1	1
12	8	12	21	7	4	51	1	1	1	1	0	1	1
10	8	12	20	8	4	51	0	1	1	1	1	1	1
14	10	12	21	8	5	51	1	1	1	1	1	1	1
11	8	13	23	8	4	51	0	1	1	1	1	1	1
14	9	13	21	7	4	51	1	1	1	1	0	1	1
12	8	12	21	9	5	51	1	1	1	1	1	1	1
14	9	11	22	9	5	51	1	1	0	1	1	1	1
12	8	12	21	8	5	51	1	1	1	1	1	1	1
11	5	12	20	5	5	51	0	0	1	1	0	1	1
13	6	12	20	6	4	51	1	0	1	1	0	1	1
12	8	12	21	8	4	51	1	1	1	1	1	1	1
13	8	12	20	6	4	51	1	1	1	1	0	1	1
15	10	14	21	8	4	51	1	1	1	1	1	1	1
14	10	10	22	8	4	51	1	1	0	1	1	1	1
13	8	9	21	8	4	51	1	1	0	1	1	1	1
8	8	8	15	6	3	51	0	1	0	0	0	0	1
12	8	13	18	9	4	51	1	1	1	0	1	1	1
15	9	11	16	8	4	51	1	1	0	0	1	1	1
12	8	12	17	8	4	51	1	1	1	0	1	1	1
14	8	13	15	7	4	51	1	1	1	0	0	1	1
11	8	12	19	7	4	51	0	1	1	0	0	1	1
12	8	12	21	6	4	51	1	1	1	1	0	1	1
12	8	12	19	8	4	51	1	1	1	0	1	1	1
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12	8	12	21	7	3	51	1	1	1	1	0	0	1
12	9	12	21	8	4	51	1	1	1	1	1	1	1
13	9	13	22	8	4	51	1	1	1	1	1	1	1
12	8	12	20	6	4	51	1	1	1	1	0	1	1
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4	2	3	3	2	0	51	0	0	0	0	0	0	1
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14	9	12	20	8	4	51	1	1	1	1	1	1	1
12	8	14	21	8	5	51	1	1	1	1	1	1	1
13	8	12	22	8	4	51	1	1	1	1	1	1	1
12	9	14	23	8	3	51	1	1	1	1	1	0	1
7	5	12	21	4	1	51	0	0	1	1	0	0	1
14	9	14	23	9	4	51	1	1	1	1	1	1	1
13	10	13	20	8	4	51	1	1	1	1	1	1	1
13	9	12	22	9	4	51	1	1	1	1	1	1	1
14	9	13	24	8	4	51	1	1	1	1	1	1	1
12	8	11	23	8	4	51	1	1	0	1	1	1	1
13	8	13	22	9	4	51	1	1	1	1	1	1	1
15	9	15	25	10	5	51	1	1	1	1	1	1	1
12	6	12	24	8	4	51	1	0	1	1	1	1	1
14	8	15	21	10	5	51	1	1	1	1	1	1	1
12	4	12	23	8	4	51	1	0	1	1	1	1	1
12	7	12	22	8	4	51	1	0	1	1	1	1	1



105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

10	8	13	21	9	4	51	0	1	1	1	1	1	1
12	7	12	22	8	4	51	1	0	1	1	1	1	1
13	8	13	23	7	4	51	1	1	1	1	0	1	1
12	9	14	23	9	5	51	1	1	1	1	1	1	1
12	6	12	22	8	4	51	1	0	1	1	1	1	1
12	7	12	22	6	1	51	1	0	1	1	1	0	1
12	9	13	23	8	4	51	1	1	1	1	1	1	1
13	8	14	22	8	4	51	1	1	1	1	1	1	1
13	8	12	20	8	4	51	1	1	1	1	1	1	1
14	9	13	20	8	5	51	1	1	1	1	1	1	1
12	8	12	21	8	4	51	1	1	1	1	1	1	1
13	8	12	22	8	4	51	1	1	1	1	1	1	1
11	9	12	21	8	4	51	0	1	1	1	1	1	1
12	9	14	22	9	4	51	1	1	1	1	1	1	1
13	10	13	20	8	2	51	1	1	1	1	1	0	1
7	5	12	21	4	1	51	0	0	1	1	0	0	1
12	9	14	20	9	4	51	1	1	1	1	1	1	1
13	10	9	20	8	4	51	1	1	0	1	1	1	1

1	102	109	110	106	98	109	121
0	20	13	12	16	24	13	1
CO attn	0.84	0.89	0.90	0.87	0.80	0.89	0.99

Avg Attn	0.87
Attn Level	3

Avg Attn	0.99
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												3	
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.67	2.67	2.83	2.20	2.17	2.50	2.00	3.00	2.00	2.00	2.00	1.50	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	2.67	2.67	2.83	2.20	2.17	2.50	2.00	3.00	2.00	2.00	2.00	1.50	2.29

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.17	3.00	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	3.00	2.17	3.00	2.72



Attainment Details of Semester VI



Mapping of CO with PO and PSO of Principles of Management (Paper code: HU-601)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	-	-	-	-	-	-	-	-	3	-	-
	CO2	-	-	-	-	-	-	3	-	-	1	-	-
	CO3	-	-	1	-	1	3	-	-	-	2	-	-
	CO4	-	-	-	-	-	-	-	-	-	2	-	-
	CO5	-	-	-	-	-	-	-	-	1	1	3	-
	CO6	-	-	-	-	-	-	-	-	-	0	-	-
	AVERAGE	3.00	0	1.00	0	1.00	3.00	3.00	0	1.00	1.50	3.00	0

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	2	-	-
	CO2	-	-	-
	CO3	1	1	-
	CO4	-	1	-
	CO5	-	-	-
	CO6	-	-	-
	AVERAGE	1.50	1.00	0

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Univ Roll	Class Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %							
					CA1/CA2/CA3/CA4							100	CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6									
					10	15	25	15	10	25									
1	11700217007	IT2017/013	VINAY KUMAR PODDAR	80%	10	13	20	12	9	23	65	1	1	1	1	1	1	1	
2	11700217008	IT2017/121	SUVAM PATRA	80%	10	13	22	14	9	23	75	1	1	1	1	1	1	1	
3	11700217009	IT2017/089	SUSNATA DAS	80%	10	14	23	13	8	23	75	1	1	1	1	1	1	1	
4	11700217010	IT2017/015	SURYAPRATIM RAY	80%	9	13	20	12	9	20	55	1	1	1	1	1	1	0	
5	11700217012	IT2017/054	SUPRATIM DAS	80%	10	11	22	14	8	23	75	1	0	1	1	1	1	1	
6	11700217013	IT2017/053	SUMEDHA SEN	80%	10	12	23	14	7	22	65	1	1	1	1	0	1	1	
7	11700217014	IT2017/039	SUMAN KAYAL	80%	10	12	22	14	8	22	75	1	1	1	1	1	1	1	
8	11700217015	IT2017/067	SUKANYA SAHA	80%	9	14	23	15	8	24	75	1	1	1	1	1	1	1	
9	11700217016	IT2017/081	SUBHASHRI DAS	80%	10	13	24	14	9	23	75	1	1	1	1	1	1	1	
10	11700217017	IT2017/117	SUBHANKAR NATH	80%	10	12	21	12	10	22	65	1	1	1	1	1	1	1	
11	11700217018	IT2017/052	SUBHANGEE	80%	10	13	23	14	9	24	75	1	1	1	1	1	1	1	
12	11700217019	IT2017/021	SUBARNA SARKAR	80%	9	13	20	12	9	23	65	1	1	1	1	1	1	1	
13	11700217020	IT2017/038	SRIPARNA GIRI	80%	6	13	22	14	9	23	75	0	1	1	1	1	1	1	
14	11700217021	IT2017/011	SRIJAYEE SAHA	80%	7	14	23	13	8	23	75	0	1	1	1	1	1	1	
15	11700217022	IT2017/094	SRIJANI ROY	80%	10	13	20	12	9	20	55	1	1	1	1	1	1	0	
16	11700217023	IT2017/120	SREYASHI KARMAKAR	80%	10	11	22	14	8	23	75	1	0	1	1	1	1	1	
17	11700217024	IT2017/012	SOURAV SHAW	80%	10	12	23	14	7	22	65	1	1	1	1	0	1	1	
18	11700217025	IT2017/075	SOURAV SARKAR	80%	10	12	22	14	8	22	75	1	1	1	1	1	1	1	
19	11700217026	IT2017/064	SOURAV SAMANTA	80%	9	13	24	15	9	24	75	1	1	1	1	1	1	1	
20	11700217027	IT2017/069	SOURAV JAISWAL	80%	9	13	22	14	8	23	65	1	1	1	1	1	1	1	
21	11700217029	IT2017/008	SOUAMYADEEP MUKHERJEE	80%	9	12	20	13	7	21	55	1	1	1	1	0	1	0	
22	11700217030	IT2017/063	SONALI	80%	9	15	23	15	9	24	75	1	1	1	1	1	1	1	
23	11700217031	IT2017/109	SOMENATH RANA	80%	10	14	24	14	9	24	75	1	1	1	1	1	1	1	
24	11700217032	IT2017/045	SOHAM ROY	80%	10	14	23	14	10	24	75	1	1	1	1	1	1	1	
25	11700217033	IT2017/079	SOHAM BANERJEE	80%	9	14	22	14	8	23	65	1	1	1	1	1	1	1	
26	11700217034	IT2017/044	SNEHA DEEP	80%	10	13	23	13	8	23	65	1	1	1	1	1	1	1	
27	11700217035	IT2017/083	SK ISHAN ALI	80%	9	12	21	13	8	22	55	1	1	1	1	1	1	0	
28	11700217036	IT2017/031	SIMRAN SHAW	80%	8	13	20	12	9	23	65	1	1	1	1	1	1	1	
29	11700217037	IT2017/023	SIMANTINI GHOSH	80%	9	13	22	14	9	23	75	1	1	1	1	1	1	1	
30	11700217038	IT2017/056	SIDHU KUMAR	80%	10	14	23	13	8	23	75	1	1	1	1	1	1	1	
31	11700217039	IT2017/050	SHREYA SENGUPTA	80%	9	13	20	12	9	20	55	1	1	1	1	1	1	0	
32	11700217040	IT2017/035	SHIVANI KUMARI	80%	10	11	22	14	8	23	75	1	0	1	1	1	1	1	
33	11700217041	IT2017/087	SHIVAM KUMAR SINGH	80%	10	12	23	14	7	22	65	1	1	1	1	0	1	1	
34	11700217042	IT2017/099	SHIVAM	80%	10	12	22	14	8	22	75	1	1	1	1	1	1	1	
35	11700217043	IT2017/097	SHEIKH TABISH	80%	9	15	24	15	9	25	75	1	1	1	1	1	1	1	
36	11700217044	IT2017/072	SAYED AKHTAR	80%	9	13	22	12	9	3	65	1	1	1	1	1	0	1	
37	11700217045	IT2017/009	SAYANTAN BISWAS	80%	10	15	25	15	10	25	85	1	1	1	1	1	1	1	



38	11700217046	IT2017/098	SAYAN MUKHERJEE
39	11700217047	IT2017/032	SALINE SHAW
40	11700217048	IT2017/078	SAKSHI KUTRIYAR
41	11700217049	IT2017/065	SAIMANTI LAHA
42	11700217050	IT2017/105	SAHIL PRAKASH
43	11700217051	IT2017/017	ROHAN SHAH
44	11700217052	IT2017/058	ROHAN KUMAR ROY
45	11700217053	IT2017/010	ROHAN BANERJEE
46	11700217054	IT2017/030	RIZWAN ANSARI
47	11700217055	IT2017/002	RIYA KIRTANIA
48	11700217056	IT2017/110	RITAYAN DHARA
49	11700217057	IT2017/022	RIJA DEY
50	11700217058	IT2017/040	REEMA HAZRA
51	11700217059	IT2017/123	RAYA PAUL
52	11700217060	IT2017/043	RAVI KUMAR
53	11700217061	IT2017/070	RAUNAK GUPTA
54	11700217062	IT2017/107	RAKESH KUMAR
55	11700217063	IT2017/016	RAJAT BISWAS
56	11700217064	IT2017/046	PRIYANSHU JHA
57	11700217065	IT2017/114	PRIYA SINHA
58	11700217066	IT2017/049	PREETAM GHOSH
59	11700217067	IT2017/118	PRATYAY RUDRA
60	11700217068	IT2017/048	PRASHANT KUMAR
61	11700217069	IT2017/113	PRAPTY CHANDA
62	11700217070	IT2017/112	PRAGATI KUMARI
63	11700217071	IT2017/071	POULOMI SEN
64	11700217072	IT2017/033	PIYUSH KUMAR
65	11700217074	IT2017/057	NISHANT GAURAV
66	11700217075	IT2017/106	NILORMI DAS
67	11700217076	IT2017/027	NILANJAN DUTTA
68	11700217077	IT2017/047	NEHA PRIYADARSHNI
69	11700217078	IT2017/095	NATASHA CHANDA
70	11700217079	IT2017/007	NADEEM RAZA KHAN
71	11700217080	IT2017/108	MUKESH KUMAR
72	11700217081	IT2017/119	MOHAMMED ARSALAN
73	11700217082	IT2017/077	MD TAHIR
74	11700217083	IT2017/076	MD NOORAIN
75	11700217084	IT2017/074	MD JAVED AKHTAR
76	11700217085	IT2017/084	MD DANISHULLAH
77	11700217086	IT2017/029	MANAB MALAKAR
78	11700217087	IT2017/034	MADHUMITA GAYEN
79	11700217088	IT2017/082	KUMAR ROHAN
80	11700217089	IT2017/037	KARMVEER KUMAR THAKUR
81	11700217090	IT2017/004	KANKANA SAHA
82	11700217091	IT2017/100	IMRAN ALAM
83	11700217092	IT2017/018	HARSHIT BAISHKIYAR
84	11700217093	IT2017/036	GOURAV BHATTACHARJEE
85	11700217094	IT2017/073	GOURAB TALUKDAR
86	11700217095	IT2017/104	DISHANI KAR
87	11700217096	IT2017/055	DIPANJANA GHOSH
88	11700217097	IT2017/122	DEVASHREE MAHATO
89	11700217098	IT2017/024	DAIPAYAN KHAMARU
90	11700217099	IT2017/066	BISWADEEP SARKAR
91	11700217100	IT2017/091	BICKY KUMAR
92	11700217101	IT2017/090	BARNIK PODDER
93	11700217102	IT2017/026	ATINDRA KUMAR SINGH
94	11700217103	IT2017/020	ASMITA GHOSH
95	11700217104	IT2017/025	ARUNAVA GHOSH
96	11700217105	IT2017/051	ARUNARKA MUKHOPADHYA
97	11700217106	IT2017/059	ARNAB DALAL
98	11700217107	IT2017/103	ARKA MONDAL
99	11700217108	IT2017/068	ANUSHREE JAIN
100	11700217109	IT2017/001	ANTU KUNDU
101	11700217110	IT2017/092	ANTARA PAUL
102	11700217111	IT2017/042	ANKUR SARKAR
103	11700217112	IT2017/080	ANKUR KUMAR
104	11700217113	IT2017/101	ANKITA SINGH
105	11700217114	IT2017/028	ANKIT SHARMA
106	11700217115	IT2017/006	ANKIT PRAMANIK
107	11700217116	IT2017/060	ANKIT KUMAR JHA
108	11700217117	IT2017/093	ANIKET MAJUMDAR
109	11700217118	IT2017/115	ANIKET ARORA
110	11700217119	IT2017/085	AMAN KUMAR VERMA

9	14	24	14	9	23	75	1	1	1	1	1	1	1
9	12	20	11	10	21	55	1	1	1	0	1	1	0
8	13	20	12	9	23	65	1	1	1	1	1	1	1
9	13	22	14	9	23	75	1	1	1	1	1	1	1
9	14	23	13	8	23	75	1	1	1	1	1	1	1
9	13	20	12	9	20	55	1	1	1	1	1	1	0
9	11	22	14	8	23	75	1	0	1	1	1	1	1
8	12	23	14	7	22	65	1	1	1	1	0	1	1
10	12	22	14	8	22	75	1	1	1	1	1	1	1
10	12	24	15	9	25	85	1	1	1	1	1	1	1
8	13	23	14	9	23	75	1	1	1	1	1	1	1
10	14	23	14	10	23	75	1	1	1	1	1	1	1
10	13	23	13	10	23	75	1	1	1	1	1	1	1
10	13	21	13	9	22	55	1	1	1	1	1	1	0
9	12	20	13	7	20	45	1	1	1	1	0	1	0
9	14	23	13	10	23	65	1	1	1	1	1	1	1
9	11	20	11	9	20	55	1	0	1	0	1	1	0
10	14	24	14	9	24	85	1	1	1	1	1	1	1
10	13	23	13	10	23	85	1	1	1	1	1	1	1
8	12	20	14	6	20	55	1	1	1	1	0	1	0
8	14	22	12	10	22	65	1	1	1	1	1	1	1
8	12	20	12	8	21	65	1	1	1	1	1	1	1
9	12	21	12	9	22	55	1	1	1	1	1	1	0
10	12	22	13	8	23	65	1	1	1	1	1	1	1
10	13	23	13	9	23	75	1	1	1	1	1	1	1
10	14	23	13	8	24	75	1	1	1	1	1	1	1
9	13	23	13	8	22	75	1	1	1	1	1	1	1
8	13	21	11	9	22	55	1	1	1	0	1	1	0
7	12	20	11	9	20	24	0	1	1	0	1	1	0
8	14	22	13	9	23	75	1	1	1	1	1	1	1
10	12	20	13	8	21	55	1	1	1	1	1	1	0
9	13	22	14	8	22	75	1	1	1	1	1	1	1
8	12	21	13	8	21	65	1	1	1	1	1	1	1
9	12	22	12	8	21	65	1	1	1	1	1	1	1
9	11	20	12	9	20	55	1	0	1	1	1	1	0
10	12	22	13	9	23	65	1	1	1	1	1	1	1
10	11	20	12	9	21	55	1	0	1	1	1	1	0
10	13	22	13	10	22	75	1	1	1	1	1	1	1
9	14	23	13	10	23	75	1	1	1	1	1	1	1
9	14	22	13	10	23	75	1	1	1	1	1	1	1
9	12	20	13	6	20	55	1	1	1	1	0	1	0
9	14	23	14	9	23	75	1	1	1	1	1	1	1
9	13	24	14	10	24	75	1	1	1	1	1	1	1
8	13	23	13	9	23	75	1	1	1	1	1	1	1
8	12	20	12	8	20	55	1	1	1	1	1	1	0
9	13	20	12	8	20	55	1	1	1	1	1	1	0
9	13	22	13	8	22	65	1	1	1	1	1	1	1
8	12	20	11	9	20	55	1	1	1	0	1	1	0
8	13	20	12	9	21	65	1	1	1	1	1	1	1
9	12	22	13	9	23	75	1	1	1	1	1	1	1
7	13	20	13	7	21	55	0	1	1	1	0	1	0
9	11	20	13	7	22	65	1	0	1	1	0	1	1
9	13	22	13	9	23	75	1	1	1	1	1	1	1
8	12	20	13	8	20	55	1	1	1	1	1	1	0
7	13	22	14	9	21	65	0	1	1	1	1	1	1
10	13	20	12	9	23	65	1	1	1	1	1	1	1
10	13	22	14	9	23	75	1	1	1	1	1	1	1
10	14	23	13	8	23	75	1	1	1	1	1	1	1
9	13	20	12	9	20	55	1	1	1	1	1	1	0
9	11	22	14	8	23	75	1	0	1	1	1	1	1
10	12	23	14	7	22	65	1	1	1	1	0	1	1
10	12	22	14	8	22	75	1	1	1	1	1	1	1
9	12	23	14	7	20	75	1	1	1	1	0	1	1
9	14	23	13	8	23	75	1	1	1	1	1	1	1
9	13	20	12	9	23	65	1	1	1	1	1	1	1
10	13	22	14	9	23	75	1	1	1	1	1	1	1
10	14	23	13	8	23	75	1	1	1	1	1	1	1
10	13	20	12	9	20	55	1	1	1	1	1	1	0
10	11	22	14	8	23	75	1	0	1	1	1	1	1
10	12	23	14	7	22	65	1	1	1	1	0	1	1
9	12	22	14	8	22	75	1	1	1	1	1	1	1
9	12	23	14	7	22	65	1	1	1	1	0	1	1
10	12	22	14	8	22	75	1	1	1	1	1	1	1



111	11700217120	IT2017/088	AMAN KUMAR
112	11700217121	IT2017/124	AMAN JHA
113	11700217122	IT2017/102	AKRITI
114	11700217123	IT2017/019	ADRIJA DAS
115	11700217124	IT2017/116	ADITYA KUMAR SINHA
116	11700217125	IT2017/125	ADITYA KUMAR JHA
117	11700217126	IT2017/003	ADITYA BHATTACHARYA
118	11700217127	IT2017/014	ADEEL ABBAS SIDDIQUI
119	11700217128	IT2017/041	ABHISHEK PAREEK
120	11700217129	IT2017/086	ABHISHEK KUMAR
121	11700218001	IT2018/L01	JOYEETA SAHA
122	11700218002	IT2018/L02	ABHISHEK DEY

9	14	23	15	8	24	75	1	1	1	1	1	1	1
10	13	24	14	9	23	75	1	1	1	1	1	1	1
10	12	21	12	10	22	65	1	1	1	1	1	1	1
10	13	23	14	9	24	75	1	1	1	1	1	1	1
9	13	20	12	9	23	65	1	1	1	1	1	1	1
6	13	22	14	9	23	75	0	1	1	1	1	1	1
7	14	23	13	8	23	75	0	1	1	1	1	1	1
10	13	20	12	9	20	55	1	1	1	1	1	1	0
10	11	22	14	8	23	75	1	0	1	1	1	1	1
10	12	23	14	7	22	65	1	1	1	1	0	1	1
10	13	23	14	9	24	75	1	1	1	1	1	1	1
9	13	20	12	9	23	65	1	1	1	1	1	1	1

1	115	111	122	117	107	121	96
0	7	11	0	5	15	1	26
CO attn	0.94	0.91	1.00	0.96	0.88	0.99	0.79

Avg Attn	0.947
Attn Level	3

Avg Attn	0.79
Attn Level	2

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												2.5	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	0	1.00	0	1.00	3.00	3.00	0	1.00	1.50	3.00	0	
Overall (Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
Attainment of PO for this course	2.50	0.00	0.83	0.00	0.83	2.50	2.50	0.00	0.83	1.25	2.50	0.00	1.15

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.50	1.00	0	
Overall (Direct) CO attainment level	2.5	2.50	2.5	
Attainment of PSO for this course	1.25	0.83	0	0.69

Mapping of CO with PO and PSO of the Database Management System(Paper code: IT601)
 Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
	CO1	3	2	-	-	-	1	1	-	-	-	-	-	1
	CO2	3	3	2	2	2	-	1	-	-	-	-	-	2
	CO3	3	2	3	2	1	-	-	-	-	1	1	2	2
	CO4	3	2	3	2	2	-	-	-	-	1	1	2	2
	CO5	3	2	-	-	-	1	-	-	-	-	-	-	1
	CO6	3	2	-	-	-	1	-	-	-	-	-	1	1
	AVERAGE	3.00	2.17	2.67	2.00	1.67	1.00	1.00	0	0	1.00	1.00	1.50	1.50

Average =sum/ number of entry

Table 2	TABLE 1	PSO1	PSO2	PSO3
	CO1	3	-	-
	CO2	3	1	-
	CO3	3	1	-
	CO4	3	1	-
	CO5	3	-	1
	CO6	3	-	1
AVERAGE	3.00	1.00	1.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of students attaining course outcomes and attainment level																		
Sl No	Class Roll	Univ Roll	Name	Course Outcomes	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						
					CA1/CA2/CA3/CA4							CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					Marks Distribution	15	10	25	15	10								
Target Level	80%						80%	80%										
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		15	10	25	14	10	25	85	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		15	10	25	14	10	25	95	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		13	10	20	13	10	20	75	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY		15	10	25	15	9	25	85	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		13	9	23	14	10	23	85	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		14	10	22	14	10	22	85	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		15	10	25	14	10	25	95	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		13	10	25	13	10	25	95	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		15	10	25	13	9	25	95	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		14	9	25	13	10	25	95	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		14	10	22	13	10	22	95	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		15	10	25	15	9	25	95	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		14	9	25	13	10	25	95	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		14	10	25	12	10	25	95	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		13	10	25	13	10	25	95	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		14	10	25	14	9	25	95	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		13	9	25	15	10	25	85	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		13	10	25	13	9	25	95	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		15	9	25	14	9	25	95	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		14	9	25	14	10	25	95	1	1	1	1	1	1	1
21	IT2017/008	11700217029	DOUMYADEEP MUKHERJEE		15	10	20	12	9	20	85	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI		14	9	25	15	8	25	95	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		10	8	22	9	10	22	65	0	1	1	0	1	1	1
24	IT2017/045	11700217032	SOHAM ROY		14	10	25	12	10	25	95	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		15	10	25	14	10	25	95	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		13	10	25	14	9	25	95	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		14	10	22	14	10	25	95	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW		15	10	23	12	10	20	85	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		13	10	25	10	10	25	95	1	1	1	0	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		14	9	25	15	10	23	85	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		15	10	25	14	9	22	95	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		14	9	20	15	10	25	95	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		15	10	25	12	10	25	85	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		15	10	23	12	9	25	85	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		14	9	22	14	10	25	85	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR		13	10	25	13	10	22	85	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		13	10	25	10	10	25	85	1	1	1	0	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		13	10	25	14	9	25	85	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW		13	8	25	12	10	25	85	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		14	10	22	15	9	25	95	1	1	1	1	1	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA		14	10	25	15	9	25	95	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH		12	8	25	12	10	25	85	1	1	1	1	1	1	1
43	IT2017/017	11700217051	ROHAN SHAH		13	10	25	14	9	25	85	1	1	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY		15	10	25	13	8	25	85	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE		14	10	25	15	10	25	95	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		12	5	25	12	10	20	75	1	0	1	1	1	1	1
47	IT2017/002	11700217055	RIYA KIRTANIA		15	10	25	13	10	25	95	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA		14	8	25	15	9	22	95	1	1	1	1	1	1	1
49	IT2017/022	11700217057	RIJA DEY		14	10	25	15	10	25	95	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		15	8	20	14	10	25	95	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL		15	10	25	12	10	25	95	1	1	1	1	1	1	1
52	IT2017/043	11700217060	RAVI KUMAR		12	10	22	12	10	25	85	1	1	1	1	1	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA		14	10	25	15	9	20	95	1	1	1	1	1	1	1



54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	RMVVEER KUMAR THAK
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	OURAV BHATTACHARJE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	UNARKA MUKHOPADHY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI

13	10	25	13	10	25	85	1	1	1	1	1	1	1
14	9	25	13	10	23	95	1	1	1	1	1	1	1
14	10	22	14	9	22	95	1	1	1	1	1	1	1
13	10	23	15	10	25	95	1	1	1	1	1	1	1
12	9	25	13	10	25	95	1	1	1	1	1	1	1
14	10	25	12	10	25	95	1	1	1	1	1	1	1
10	10	25	9	9	25	75	0	1	1	0	1	1	1
14	9	20	15	10	22	95	1	1	1	1	1	1	1
15	8	25	13	9	25	85	1	1	1	1	1	1	1
13	7	23	10	9	25	95	1	0	1	0	1	1	1
10	8	22	14	10	25	85	0	1	1	1	1	1	1
12	10	25	11	9	25	85	1	1	1	0	1	1	1
12	8	25	15	8	25	95	1	1	1	1	1	1	1
14	8	25	10	10	25	95	1	1	1	0	1	1	1
15	8	25	13	10	25	85	1	1	1	1	1	1	1
15	10	22	14	10	25	95	1	1	1	1	1	1	1
10	10	25	15	9	25	85	0	1	1	1	1	1	1
13	8	25	13	10	20	85	1	1	1	1	1	1	1
12	5	25	12	10	25	85	1	0	1	1	1	1	1
15	8	25	14	10	22	95	1	1	1	1	1	1	1
14	7	25	15	10	25	95	1	0	1	1	1	1	1
13	5	25	12	9	25	85	1	0	1	1	1	1	1
13	9	25	13	10	25	85	1	1	1	1	1	1	1
15	7	25	14	10	25	85	1	0	1	1	1	1	1
10	10	25	14	9	20	85	0	1	1	1	1	1	1
14	10	20	12	10	25	95	1	1	1	1	1	1	1
12	10	25	12	10	23	85	1	1	1	1	1	1	1
13	5	22	13	10	22	85	1	0	1	1	1	1	1
12	10	25	12	9	25	85	1	1	1	1	1	1	1
10	9	25	15	10	25	95	0	1	1	1	1	1	1
14	8	25	14	9	25	95	1	1	1	1	1	1	1
12	9	22	15	9	25	95	1	1	1	1	1	1	1
14	9	23	15	10	22	95	1	1	1	1	1	1	1
13	10	25	7	9	25	65	1	1	1	0	1	1	1
13	9	25	15	8	25	95	1	1	1	1	1	1	1
12	10	25	14	10	25	85	1	1	1	1	1	1	1
13	7	20	15	10	25	95	1	0	1	1	1	1	1
12	9	25	14	10	25	85	1	1	1	1	1	1	1
15	9	23	15	9	25	95	1	1	1	1	1	1	1
14	10	22	12	10	25	85	1	1	1	1	1	1	1
14	10	25	13	10	25	95	1	1	1	1	1	1	1
12	9	25	14	10	25	95	1	1	1	1	1	1	1
15	10	25	14	10	20	95	1	1	1	1	1	1	1
14	8	25	12	9	25	95	1	1	1	1	1	1	1
14	10	22	12	10	22	85	1	1	1	1	1	1	1
14	10	25	13	10	25	95	1	1	1	1	1	1	1
14	8	25	14	9	25	95	1	1	1	1	1	1	1
13	10	25	14	10	23	95	1	1	1	1	1	1	1
10	10	25	12	10	24	85	0	1	1	1	1	1	1
14	9	25	15	10	25	95	1	1	1	1	1	1	1
12	10	25	9	9	23	85	1	1	1	0	1	1	1
12	9	25	14	10	24	85	1	1	1	1	1	1	1
15	8	25	13	9	25	85	1	1	1	1	1	1	1
13	7	25	10	9	24	85	1	0	1	0	1	1	1
10	8	20	14	10	24	85	0	1	1	1	1	1	1
12	10	25	11	9	24	85	1	1	1	0	1	1	1
12	8	22	15	8	24	85	1	1	1	1	1	1	1
14	8	25	10	8	24	85	1	1	1	0	1	1	1
15	8	25	13	8	25	95	1	1	1	1	1	1	1
15	10	25	14	8	23	95	1	1	1	1	1	1	1
10	10	22	15	8	24	95	0	1	1	1	1	1	1
13	8	23	13	8	25	95	1	1	1	1	1	1	1
12	5	25	12	8	24	85	1	0	1	1	1	1	1
15	8	25	14	8	24	85	1	1	1	1	1	1	1
14	7	25	15	9	24	95	1	0	1	1	1	1	1



119	IT2017/041	11700217128	ABHISHEK PAREEK	13	5	22	12	7	24	85	1	0	1	1	0	1	1
120	IT2017/086	11700217129	ABHISHEK KUMAR	13	9	23	13	10	24	85	1	1	1	1	1	1	1
121	IT2018/L01	11700218001	JOYEETA SAHA	15	10	25	14	7	24	95	1	1	1	1	0	1	1
122	IT2018/L02	11700218002	ABHISHEK DEY	14	10	23.4	15	7	24	95	1	1	1	1	0	1	1

1	113	110	122	110	119	122	122
0	9	12	0	12	3	0	0
CO attn	0.93	0.90	1.00	0.90	0.98	1.00	1.00

Avg Attn	0.951
Attn Level	3

Avg Attn	1.00
Attn Level	3

Overall Course Outcome Attainment												
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)												
Direct CO attainment level				2.5								
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Avg values from table 1	3.00	2.17	2.67	2.00	1.67	1.00	1.00	0	0	1.00	1.00	1.50
Overall (Direct) CO attainment level	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Attainment of PO for this course	2.50	1.81	2.22	1.67	1.39	0.83	0.83	0.00	0.00	0.83	0.83	1.18

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3			
	PSO1	PSO2	PSO3
Avg values from table 2	3.00	1.00	1.00
Overall (Direct) CO attainment level	2.50	2.50	2.50
Attainment of PSO for this course	2.50	0.83	0.83
			1.39

Mapping of CO with PO and PSO of Computer Networking (Paper code: IT-602)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	1	1	1	-	2	2	1	-	3	-	2
	CO2	3	2	1	1	2	-	-	-	-	1	1	3
	CO3	3	2	3	1	1	-	-	-	-	2	2	2
	CO4	3	3	3	2	-	-	2	-	2	2	2	2
	CO5	3	2	1	1	3	-	-	2	-	1	2	2
	CO6	3	2	2	1	-	-	2	2	3	-	2	3
	AVERAGE	3.00	2.00	1.83	1.17	2.00	2.00	2.00	1.75	3.00	1.80	1.80	2.33

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	3	3
	CO2	3	2	1
	CO3	3	2	2
	CO4	1	2	1
	CO5	3	2	2
	CO6	1	2	1
	AVERAGE	2.00	2.17	1.67

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																									
Sl No	Univ Roll	Class Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam							
					CA1/CA2/CA3/CA4																				
					CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4	CO5	CO6								
					10	15	25	15	10	25		100	CO1	CO2	CO3	CO4	CO5		CO6						
1	11700217007	IT2017/013	VINAY KUMAR PODDAR	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1	1	1	1	1	1		
2	11700217008	IT2017/121	SUVAM PATRA	60%	10	15	25	15	10	25	95	1	1	1	1	1	1	1	1	1	1	1	1		
3	11700217009	IT2017/089	SUSNATA DAS	80%	9	13	20	13	10	21	75	1	1	1	1	1	1	1	1	1	1	1	0		
4	11700217010	IT2017/015	SURYAPRATIM RAY	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1	1	1	1	1	1	1	
5	11700217012	IT2017/054	SUPRATIM DAS	80%	10	15	23	14	10	22	85	1	1	1	1	1	1	1	1	1	1	1	1	1	
6	11700217013	IT2017/053	SUMEDHA SEN	80%	10	15	22	15	10	23	85	1	1	1	1	1	1	1	1	1	1	1	1	1	1



Mapping of CO with PO and PSO of Software Engineering (Paper code: IT-603)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put "-" (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	1	1	-	-	2	-	-	-	2	-	2
	CO2	2	-	3	1	2	-	-	-	2	1	1	1
	CO3	2	2	1	-	3	-	-	-	1	1	1	-
	CO4	2	-	-	-	2	-	-	1	2	1	2	-
	CO5	2	-	3	1	3	-	1	-	2	1	2	1
	CO6	2	3	1	-	3	-	-	-	1	1	1	-
AVERAGE	2.00	2.00	1.80	1.00	2.60	2.00	1.00	1.00	1.60	1.17	1.40	1.33	
Average =sum/ number of entry													

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	2	1	-
	CO2	1	2	-
	CO3	1	2	-
	CO4	1	2	-
	CO5	1	1	1
	CO6	1	1	1
AVERAGE	1.17	1.50	1.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Univ Roll	Class Roll	Name	Target Level	ALL CA's												CO Attainment in Univ Exam	
					CA1/CA2/CA3/CA4						Univ. Exam	Course Outcome Attainment with target in %						
					CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4	CO5		CO6
					10	15	25	15	10	25		100	CO1	CO2	CO3	CO4		CO5
1	11700217007	IT2017/013	VINAY KUMAR PODDAR	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
2	11700217008	IT2017/121	SUVAM PATRA	80%	10	15	25	15	10	25	85	1	1	1	1	1	1	1
3	11700217009	IT2017/089	SUSNATA DAS	80%	9	13	20	13	10	21	85	1	1	1	1	1	1	1
4	11700217010	IT2017/015	SURYAPRATIM RAY	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
5	11700217012	IT2017/054	SUPRATIM DAS	80%	10	15	23	14	10	22	85	1	1	1	1	1	1	1
6	11700217013	IT2017/053	SUMEDHA SEN	80%	10	15	22	15	10	23	85	1	1	1	1	1	1	1
7	11700217014	IT2017/039	SUMAN KAYAL	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
8	11700217015	IT2017/067	SUKANYA SAHA	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
9	11700217016	IT2017/081	SUBHASHRI DAS	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
10	11700217017	IT2017/117	SUBHANKAR NATH	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
11	11700217018	IT2017/052	SUBHANGEE	80%	10	14	22	14	10	22	95	1	1	1	1	1	1	1
12	11700217019	IT2017/021	SUBARNA SARKAR	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
13	11700217020	IT2017/038	SRIPARNA GIRI	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
14	11700217021	IT2017/011	SRIJAYEE SAHA	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
15	11700217022	IT2017/094	SRIJANI ROY	80%	10	15	25	15	10	25	85	1	1	1	1	1	1	1
16	11700217023	IT2017/120	SREYASHI KARMAKAR	80%	10	15	25	15	10	25	85	1	1	1	1	1	1	1
17	11700217024	IT2017/012	SOURAV SHAW	80%	10	15	25	15	10	25	85	1	1	1	1	1	1	1
18	11700217025	IT2017/075	SOURAV SARKAR	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
19	11700217026	IT2017/064	SOURAV SAMANTA	80%	10	15	25	15	10	25	85	1	1	1	1	1	1	1
20	11700217027	IT2017/069	SOURAV JAISWAL	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
21	11700217029	IT2017/008	SOUMYADEEP MUKHERJEE	80%	9	12	20	12	9	20	85	1	1	1	1	1	1	1
22	11700217030	IT2017/063	SONALI	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
23	11700217031	IT2017/109	SOMENATH RANA	80%	10	15	22	15	10	22	75	1	1	1	1	1	1	0
24	11700217032	IT2017/045	SOHAM ROY	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
25	11700217033	IT2017/079	SOHAM BANERJEE	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
26	11700217034	IT2017/044	SNEHA DEEP	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
27	11700217035	IT2017/083	SK ISHAN ALI	80%	10	14	22	15	10	22	85	1	1	1	1	1	1	1
28	11700217036	IT2017/031	SIMRAN SHAW	80%	10	14	23	14	10	23	95	1	1	1	1	1	1	1
29	11700217037	IT2017/023	SIMANTINI GHOSH	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
30	11700217038	IT2017/056	SIDHU KUMAR	80%	10	15	25	15	10	25	85	1	1	1	1	1	1	1
31	11700217039	IT2017/050	SHREYA SENGUPTA	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
32	11700217040	IT2017/035	SHIVANI KUMARI	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
33	11700217041	IT2017/087	SHIVAM KUMAR SINGH	80%	10	15	25	15	10	25	85	1	1	1	1	1	1	1
34	11700217042	IT2017/099	SHIVAM	80%	10	15	25	15	10	25	95	1	1	1	1	1	1	1
35	11700217043	IT2017/097	SHEIKH TABISH	80%	10	15	25	15	10	25	85	1	1	1	1	1	1	1



111	11700217120	IT2017/088	AMAN KUMAR	10	14	22	15	10	22	85	1	1	1	1	1	1	1	1
112	11700217121	IT2017/124	AMAN JHA	10	14	22	14	10	23	85	1	1	1	1	1	1	1	1
113	11700217122	IT2017/102	AKRITI	10	15	25	15	10	25	95	1	1	1	1	1	1	1	1
114	11700217123	IT2017/019	ADRIJA DAS	10	15	25	15	10	25	95	1	1	1	1	1	1	1	1
115	11700217124	IT2017/116	ADITYA KUMAR SINHA	10	15	25	15	10	25	85	1	1	1	1	1	1	1	1
116	11700217125	IT2017/125	ADITYA KUMAR JHA	10	15	22	14	10	22	85	1	1	1	1	1	1	1	1
117	11700217126	IT2017/003	ADITYA BHATTACHARYA	10	15	25	15	10	25	85	1	1	1	1	1	1	1	1
118	11700217127	IT2017/014	ADEEL ABBAS SIDDIQUI	10	15	25	15	10	25	95	1	1	1	1	1	1	1	1
119	11700217128	IT2017/041	ABHISHEK PAREEK	10	15	25	15	10	25	95	1	1	1	1	1	1	1	1
120	11700217129	IT2017/086	ABHISHEK KUMAR	10	15	23	14	10	22	85	1	1	1	1	1	1	1	1
121	11700218001	IT2018/L01	JOYEETA SAHA	10	15	25	15	10	25	75	1	1	1	1	1	1	1	0
122	11700218002	IT2018/L02	ABHISHEK DEY	10	14	23	14	10	22	85	1	1	1	1	1	1	1	1

1	122	122	122	122	122	102	115
0	0	0	0	0	0	0	7
CO attn	1.00	1.00	1.00	1.00	1.00	1.00	0.9426

Avg Attn	1
Attn Level	3

Avg Attn	0.9426
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												3	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.00	2.00	1.80	1.00	2.60	2.00	1.00	1.00	1.60	1.17	1.40	1.33	
Overall (Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	2.00	2.00	1.80	1.00	2.60	2.00	1.00	1.00	1.60	1.17	1.40	1.33	1.58

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.17	1.50	1.00	
Overall (Direct) CO attainment level	3	3.0	3.0	
Attainment of PSO for this course	1.17	1.50	1.00	1.25

Mapping of CO with PO and PSO of ERP (IT 604D)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	-	-	1	-	1	1	2	2	2
CO2	3	3	3	-	-	1	1	1	1	3	2	2
CO3	3	2	2	-	-	1	1	1	1	2	2	2
CO4	3	2	2	3	2	1	1	1	1	3	2	2
CO5	3	2	2	3	2	1	1	1	1	2	2	2
CO6	3	3	3	3	2	1	1	1	1	3	2	2
AVERAGE	3.00	2.33	2.33	3.00	2.00	1.00	1.00	1.00	1.00	2.50	2.00	2.00

Average =sum/ number of entry

TABLE 2	PSO1	PSO2	PSO3
CO1	-	-	-
CO2	-	2	-
CO3	-	2	-
CO4	2	2	-
CO5	2	2	-
CO6	-	2	3
AVERAGE	2.00	2.00	3.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						
					CA1/CA2/CA3/CA4							CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					10	15	25	15	10	25								
80%						80%	80%											
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		8	13	20	12	8	23	85	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		7	13	20	11	8	23	85	0	1	1	0	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		8	11	20	13	7	25	95	1	0	1	1	0	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	12	22	13	9	23	85	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		10	11	21	12	9	24	85	1	0	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		8	11	22	13	9	24	85	1	0	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		7	13	21	13	7	25	95	0	1	1	1	0	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		9	14	24	15	8	25	95	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		10	13	23	14	9	25	95	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		10	12	22	12	10	25	85	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		10	13	24	14	9	25	95	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		9	14	23	13	10	25	95	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		6	14	20	12	8	25	95	0	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		7	13	20	12	8	23	85	0	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		10	13	23	14	9	23	85	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	14	24	13	10	23	85	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		10	13	23	15	9	23	85	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		7	14	21	14	8	23	85	0	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		10	13	24	15	9	23	85	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	13	23	14	8	24	95	1	1	1	1	1	1	1
21	IT2017/008	11700217029	OUMYADEEP MUKHERJEE		9	12	21	13	7	23	85	1	1	1	1	0	1	1
22	IT2017/063	11700217030	SONALI		9	15	24	15	9	25	95	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		10	14	24	14	9	22	75	1	1	1	1	1	1	0
24	IT2017/045	11700217032	SOHAM ROY		10	14	24	14	10	25	95	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		9	14	23	14	8	25	95	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		10	13	23	13	8	25	95	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		9	12	22	13	8	23	85	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW		8	13	23	14	9	25	95	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		9	12	22	12	10	25	95	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		10	12	22	14	8	24	85	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		9	14	24	13	10	25	95	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		9	13	23	13	9	24	95	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		8	14	22	13	9	25	95	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		9	14	23	14	10	24	95	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		9	15	25	15	9	23	85	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR		9	13	3	12	9	24	85	1	1	0	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		10	15	25	15	10	25	95	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		9	14	23	14	9	24	85	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW		9	12	21	11	10	23	85	1	1	1	0	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		8	11	21	13	7	24	95	1	0	1	1	0	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA		9	14	23	14	9	23	85	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH		9	13	24	14	9	23	85	1	1	1	1	1	1	1
43	IT2017/017	11700217051	ROHAN SHAH		9	13	22	14	8	24	95	1	1	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY		9	13	22	13	9	24	95	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE		8	14	23	12	9	25	95	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		10	13	19	15	10	17	65	1	1	0	1	1	0	0
47	IT2017/002	11700217055	RIYA KIRTANIA		10	12	25	15	9	25	95	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA		8	13	23	14	9	24	95	1	1	1	1	1	1	1
49	IT2017/022	11700217057	RIJA DEY		9	14	23	14	10	25	95	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		10	13	23	13	10	24	95	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL		9	13	22	13	9	23	85	1	1	1	1	1	1	1
52	IT2017/043	11700217060	RAVI KUMAR		8	12	20	13	7	23	85	1	1	1	1	0	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA		9	14	23	13	10	24	95	1	1	1	1	1	1	1
54	IT2017/107	11700217062	RAKESH KUMAR		9	11	20	11	9	23	85	1	0	1	0	1	1	1



55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

10	14	24	14	9	24	85	1	1	1	1	1	1	1
10	13	23	13	10	25	95	1	1	1	1	1	1	1
8	12	20	14	6	24	95	1	1	1	1	0	1	1
8	14	22	12	10	24	85	1	1	1	1	1	1	1
8	12	21	12	8	23	85	1	1	1	1	1	1	1
9	12	22	12	9	22	75	1	1	1	1	1	1	0
9	12	23	13	8	25	95	1	1	1	1	1	1	1
9	13	23	13	9	24	85	1	1	1	1	1	1	1
9	14	24	13	8	25	95	1	1	1	1	1	1	1
9	13	22	13	8	24	95	1	1	1	1	1	1	1
8	13	22	11	9	23	85	1	1	1	0	1	1	1
7	12	20	11	9	24	95	0	1	1	0	1	1	1
8	14	23	13	9	24	95	1	1	1	1	1	1	1
10	12	21	13	8	24	85	1	1	1	1	1	1	1
9	13	22	14	8	22	85	1	1	1	1	1	1	1
8	12	21	13	8	25	95	1	1	1	1	1	1	1
9	12	21	12	8	24	95	1	1	1	1	1	1	1
9	11	20	12	9	23	85	1	0	1	1	1	1	1
9	12	23	13	9	22	85	1	1	1	1	1	1	1
9	11	21	12	9	24	85	1	0	1	1	1	1	1
8	13	22	13	10	23	85	1	1	1	1	1	1	1
9	14	23	13	10	21	75	1	1	1	1	1	1	0
9	14	23	13	10	23	85	1	1	1	1	1	1	1
9	12	20	13	6	23	85	1	1	1	1	0	1	1
9	14	23	14	9	24	95	1	1	1	1	1	1	1
9	13	24	14	10	23	85	1	1	1	1	1	1	1
8	13	23	13	9	25	95	1	1	1	1	1	1	1
8	12	20	12	8	24	85	1	1	1	1	1	1	1
9	13	20	12	8	23	85	1	1	1	1	1	1	1
9	13	22	13	8	23	85	1	1	1	1	1	1	1
8	12	20	11	9	23	85	1	1	1	0	1	1	1
8	13	21	12	9	25	95	1	1	1	1	1	1	1
9	12	20	13	9	20	65	1	1	1	1	1	1	0
7	13	21	13	7	23	85	0	1	1	1	0	1	1
9	11	22	13	7	23	85	1	0	1	1	0	1	1
9	13	23	13	9	23	85	1	1	1	1	1	1	1
8	12	20	13	8	23	85	1	1	1	1	1	1	1
7	13	21	14	9	24	85	0	1	1	1	1	1	1
8	13	23	12	9	25	95	1	1	1	1	1	1	1
9	13	23	14	9	24	95	1	1	1	1	1	1	1
8	14	23	13	8	24	95	1	1	1	1	1	1	1
7	13	20	12	9	24	95	0	1	1	1	1	1	1
9	11	23	14	8	24	95	1	0	1	1	1	1	1
10	12	22	14	7	24	85	1	1	1	1	0	1	1
10	12	22	14	8	25	95	1	1	1	1	1	1	1
9	12	20	14	7	25	95	1	1	1	1	0	1	1
9	14	23	13	8	24	85	1	1	1	1	1	1	1
9	13	20	13	9	24	85	1	1	1	1	1	1	1
8	13	22	11	9	24	85	1	1	1	0	1	1	1
7	12	20	11	9	24	85	0	1	1	0	1	1	1
8	14	23	13	9	24	85	1	1	1	1	1	1	1
10	12	21	13	8	24	85	1	1	1	1	1	1	1
9	13	22	14	8	24	95	1	1	1	1	1	1	1
8	12	21	13	8	21	75	1	1	1	1	1	1	0
9	12	21	12	8	21	75	1	1	1	1	1	1	0
9	11	20	12	9	22	75	1	0	1	1	1	1	0
9	12	23	13	9	24	85	1	1	1	1	1	1	1
9	11	21	12	9	24	85	1	0	1	1	1	1	1
8	13	22	13	10	25	95	1	1	1	1	1	1	1
9	14	23	13	10	24	95	1	1	1	1	1	1	1
9	14	23	13	10	24	85	1	1	1	1	1	1	1
9	12	20	13	6	24	85	1	1	1	1	0	1	1
9	14	23	14	9	24	85	1	1	1	1	1	1	1
9	13	24	14	10	25	95	1	1	1	1	1	1	1
8	13	23	13	9	24	85	1	1	1	1	1	1	1
8	12	20	12	8	21	75	1	1	1	1	1	1	0
9	13	20	12	8	23	85	1	1	1	1	1	1	1
9	13	22	13	8	21	75	1	1	1	1	1	1	0

1	112	111	120	114	110	121	112
0	10	11	2	8	12	1	10
CO attn	0.92	0.91	0.98	0.93	0.90	0.99	0.92

Avg Attn	0.94	Avg Attn	0.92
Attn Level	3	Attn Level	3



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											3		
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.33	2.33	3.00	2.00	1.00	1.00	1.00	1.00	2.50	2.00	2.00	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	2.33	2.33	3.00	2.00	1.00	1.00	1.00	1.00	2.50	2.00	2.00	1.93

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.00	2.00	3.00	
Overall(Direct) CO attainment level	3	3.00	3	
Attainment of PSO for this course	2.00	2.00	3.00	2.33

Mapping of CO with PO and PSO of Compiler Design (Paper code: IT-605C)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	2	-	1	-	-	-	-	-	-	-	-
	CO2	3	3	2	2	1	-	-	-	-	-	-	-
	CO3	2	2	-	-	1	-	-	-	-	-	-	-
	CO4	3	2	-	2	-	-	-	-	-	-	-	-
	CO5	2	1	-	1	1	-	-	-	-	-	-	-
	CO6	3	1	1	2	1	-	-	-	-	-	-	-
AVERAGE	2.67	1.83	1.50	1.60	1.00	0	0	0	0	0	0	0	
Average =sum/ number of entry													

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	2	3
	CO2	3	2	3
	CO3	3	2	3
	CO4	3	2	3
	CO5	3	2	3
	CO6	3	2	3
AVERAGE	3.00	2.00	3.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Univ Roll	Class Roll	Name	Course Outcomes	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam	
					CA1/CA2/CA3/CA4							CO 5	CO1	CO2	CO3	CO4	CO5		CO6
					CO1	CO2	CO3	CO4	CO 5	CO6									
					15	25	10	25	10	15									
Target Level	80%						80%	80%											
1	11700217007	IT2017/013	VINAY KUMAR PODDAR		10	15	8	21	10	14	85	0	0	1	1	1	1	1	1
2	11700217012	IT2017/054	SUPRATIM DAS		6	25	3	21	8	14	95	0	1	0	1	1	1	1	1
3	11700217013	IT2017/053	SUMEDHA SEN		14	13	8	23	9	13	95	1	0	1	1	1	1	1	1
4	11700217017	IT2017/117	SUBHANKAR NATH		13	20	7	24	9	14	95	1	1	0	1	1	1	1	1
5	11700217018	IT2017/052	SUBHANGEE		12	21	8	22	8	15	95	1	1	1	1	1	1	1	1
6	11700217019	IT2017/021	SUBARNA SARKAR		10	24	10	23	9	14	95	0	1	1	1	1	1	1	1
7	11700217020	IT2017/038	SRIPARNA GIRI		4	23	1	21	8	15	95	0	1	0	1	1	1	1	1
8	11700217022	IT2017/094	SRIJANI ROY		12	25	3	24	8	15	95	1	1	0	1	1	1	1	1
9	11700217024	IT2017/012	SOURAV SHAW		13	20	8	24	8	14	95	1	1	1	1	1	1	1	1
10	11700217025	IT2017/075	SOURAV SARKAR		14	14	10	24	9	14	95	1	0	1	1	1	1	1	1
11	11700217026	IT2017/064	SOURAV SAMANTA		12	15	8	22	10	13	85	1	0	1	1	1	1	1	1
12	11700217030	IT2017/063	SONALI		14	23	8	24	10	14	95	1	1	1	1	1	1	1	1
13	11700217032	IT2017/045	SOHAM ROY		12	23	8	23	10	15	95	1	1	1	1	1	1	1	1
14	11700217033	IT2017/079	SOHAM BANERJEE		15	25	10	23	10	13	95	1	1	1	1	1	1	1	1
15	11700217034	IT2017/044	SNEHA DEEP		13	22	8	21	9	13	85	1	1	1	1	1	1	1	1
16	11700217035	IT2017/083	SK ISHAN ALI		13	16	8	24	10	15	95	1	0	1	1	1	1	1	1
17	11700217036	IT2017/031	SIMRAN SHAW		10	15	8	24	10	13	85	0	0	1	1	1	1	1	1
18	11700217038	IT2017/056	SIDHU KUMAR		13	14	9	23	8	13	85	1	0	1	1	1	1	1	1
19	11700217039	IT2017/050	SHREYA SENGUPTA		13	20	4	24	9	14	95	1	1	0	1	1	1	1	1
20	11700217040	IT2017/035	SHIVANI KUMARI		12	15	2	23	9	14	85	1	0	0	1	1	1	1	1
21	11700217041	IT2017/087	SHIVAM KUMAR SINGH		13	21	8	25	9	13	85	1	1	1	1	1	1	1	1



22	11700217051	IT2017/017	ROHAN SHAH
23	11700217052	IT2017/058	ROHAN KUMAR ROY
24	11700217055	IT2017/002	RIYA KIRTANIA
25	11700217056	IT2017/110	RITAYAN DHARA
26	11700217057	IT2017/022	RIJA DEY
27	11700217058	IT2017/040	REEMA HAZRA
28	11700217059	IT2017/123	RAYA PAUL
29	11700217060	IT2017/043	RAVI KUMAR
30	11700217062	IT2017/107	RAKESH KUMAR
31	11700217064	IT2017/046	PRIYANSHU JHA
32	11700217065	IT2017/114	PRIYA SINHA
33	11700217067	IT2017/118	PRATYAY RUDRA
34	11700217070	IT2017/112	PRAGATI KUMARI
35	11700217072	IT2017/033	PIYUSH KUMAR
36	11700217074	IT2017/057	NISHANT GAURAV
37	11700217077	IT2017/047	NEHA PRIYADARSHNI
38	11700217079	IT2017/007	NADEEM RAZA KHAN
39	11700217080	IT2017/108	MUKESH KUMAR
40	11700217088	IT2017/082	KUMAR ROHAN
41	11700217089	IT2017/037	KARMVEER KUMAR THAKUR
42	11700217092	IT2017/018	HARSHIT BAISHKIYAR
43	11700217099	IT2017/066	BISWADEEP SARKAR
44	11700217101	IT2017/090	BARNIK PODDER
45	11700217102	IT2017/026	ATINDRA KUMAR SINGH
46	11700217106	IT2017/059	ARNAB DALAL
47	11700217112	IT2017/080	ANKUR KUMAR
48	11700217115	IT2017/006	ANKIT PRAMANIK
49	11700217116	IT2017/060	ANKIT KUMAR JHA
50	11700217117	IT2017/093	ANIKET MAJUMDAR
51	11700217118	IT2017/115	ANIKET ARORA
52	11700217121	IT2017/124	AMAN JHA
53	11700217125	IT2017/125	ADITYA KUMAR JHA
54	11700217127	IT2017/014	ADEEL ABBAS SIDDIQUI
55	11700217128	IT2017/041	ABHISHEK PAREEK

13	20	8	24	9	14	95	1	1	1	1	1	1	1	1
14	20	10	24	9	14	95	1	1	1	1	1	1	1	1
13	25	8	25	10	14	95	1	1	1	1	1	1	1	1
13	15	9	23	10	13	95	1	0	1	1	1	1	1	1
13	23	6	24	10	14	95	1	1	0	1	1	1	1	1
13	25	9	24	10	14	95	1	1	1	1	1	1	1	1
10	21	8	23	10	13	85	0	1	1	1	1	1	1	1
10	20	8	23	9	13	85	0	1	1	1	1	1	1	1
13	14	2	25	10	14	85	1	0	0	1	1	1	1	1
8	22	8	24	10	13	95	0	1	1	1	1	1	1	1
13	13	9	23	10	13	85	1	0	1	1	1	1	1	1
13	20	8	23	9	13	85	1	1	1	1	1	1	1	1
14	0	8	23	9	14	95	1	0	1	1	1	1	1	1
7	5	5	24	9	14	85	0	0	0	1	1	1	1	1
13	20	8	24	9	14	95	1	1	1	1	1	1	1	1
5	20	4	23	9	14	85	0	1	0	1	1	1	1	1
8	8	8	22	10	14	85	0	0	1	1	1	1	1	1
8	20	8	25	10	14	85	0	1	1	1	1	1	1	1
9	2	8	21	10	13	85	0	0	1	1	1	1	1	1
13	17	4	24	10	13	85	1	0	0	1	1	1	1	1
9	20	3	23	10	14	85	0	1	0	1	1	1	1	1
13	22	4	23	10	15	95	1	1	0	1	1	1	1	1
15	8	9	22	10	15	95	1	0	1	1	1	1	1	1
5	13	5	24	9	13	85	0	0	0	1	1	1	1	1
13	20	9	24	10	13	95	1	1	1	1	1	1	1	1
13	4	8	25	10	15	95	1	0	1	1	1	1	1	1
7	5	5	25	9	11	85	0	0	0	1	1	0	1	1
13	25	9	24	9	13	95	1	1	1	1	1	1	1	1
2	3	2	24	10	14	75	0	0	0	1	1	1	1	0
0	9	0	24	9	12	75	0	0	0	1	1	1	1	0
13	15	8	24	9	14	85	1	0	1	1	1	1	1	1
10	9	5	23	9	13	85	0	0	0	1	1	1	1	1
10	20	5	24	9	14	85	0	1	0	1	1	1	1	1
10	3	9	24	9	13	85	0	0	1	1	1	1	1	1

1	34	30	36	55	55	54	53
0	21	25	19	0	0	1	2
CO attn	0.62	0.55	0.65	1.00	1.00	0.98	0.96

Avg Attn	0.8
Attn Level	3

Avg Attn	0.96
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												3	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.67	1.83	1.50	1.60	1.00	0	0	0	0	0	0	0	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	2.67	1.83	1.50	1.60	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.00	3.00	
Overall(Direct) CO attainment level	3.00	3.0	3.0	
Attainment of PSO for this course	0.00	2.00	3.00	1.67



Mapping of CO with PO and PSO of Artificial Intelligence (Paper code: IT-605D)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
	CO1	3	1	1	-	-	-	-	-	-	-	-	-	2
	CO2	3	3	2	1	1	-	-	-	-	-	-	-	2
	CO3	3	3	2	2	3	-	-	-	-	-	-	-	2
	CO4	3	1	3	3	2	-	-	-	-	-	-	-	2
	CO5	3	1	1	1	-	-	-	-	-	-	-	-	2
	CO6	3	3	2	2	2	-	-	-	-	-	-	-	2
AVERAGE	3.00	2.00	1.83	1.80	2.00	0	0	0	0	0	0	0	2.00	

Average =sum/ number of entry

Table 1	TABLE 2	PSO1	PSO2	PSO3
	CO1	-	-	2
	CO2	1	1	2
	CO3	3	1	3
	CO4	2	1	2
	CO5	1	1	2
	CO6	1	2	3
AVERAGE	1.6	1.2	2.33	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's												CO Attainment in Univ Exam		
					CA1/CA2/CA3/CA4						Univ. Exam	Course Outcome Attainment with target in %							
					Course Outcomes							100	CO1	CO2	CO3	CO4		CO5	CO6
					CO1	CO2	CO3	CO4	CO5	CO6									
Marks Distribution						100	CO1	CO2	CO3	CO4	CO5	CO6							
Target Level						80%	80%	80%											
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		9	12	22	20	11	10	85	1	1	1	1	0	1	1	
2	IT2017/121	11700217008	SUVAM PATRA		8	15	24	21	12	10	95	1	1	1	1	1	1	1	
3	IT2017/089	11700217009	SUSNATA DAS		7	12	18	21	12	8	75	0	1	0	1	1	1	0	
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	14	24	24	14	10	95	1	1	1	1	1	1	1	
5	IT2017/054	11700217012	SUPRATIM DAS		10	14	24	24	14	9	95	1	1	1	1	1	1	1	
6	IT2017/053	11700217013	SUMEDHA SEN		9	14	24	23	14	9	95	1	1	1	1	1	1	1	
7	IT2017/039	11700217014	SUMAN KAYAL		10	13	23	24	12	9	95	1	1	1	1	1	1	1	
8	IT2017/067	11700217015	SUKANYA SAHA		9	14	23	21	13	10	95	1	1	1	1	1	1	1	
9	IT2017/081	11700217016	SUBHASHRI DAS		10	15	22	23	15	9	95	1	1	1	1	1	1	1	
10	IT2017/117	11700217017	SUBHANKAR NATH		9	14	24	23	13	10	95	1	1	1	1	1	1	1	
11	IT2017/052	11700217018	SUBHANGEE		10	13	23	24	13	10	95	1	1	1	1	1	1	1	
12	IT2017/021	11700217019	SUBARNA SARKAR		9	14	22	21	14	9	95	1	1	1	1	1	1	1	
13	IT2017/038	11700217020	SRIPARNA GIRI		10	14	24	21	14	9	95	1	1	1	1	1	1	1	
14	IT2017/011	11700217021	SRIJAYEE SAHA		6	11	21	24	12	7	85	0	0	1	1	1	0	1	
15	IT2017/094	11700217022	SRIJANI ROY		10	13	22	15	13	9	95	1	1	1	0	1	1	1	
16	IT2017/120	11700217023	SREYASHI KARMAKAR		10	14	21	24	13	10	95	1	1	1	1	1	1	1	
17	IT2017/012	11700217024	SOURAV SHAW		10	15	23	21	14	10	95	1	1	1	1	1	1	1	
18	IT2017/075	11700217025	SOURAV SARKAR		8	14	24	21	13	10	95	1	1	1	1	1	1	1	
19	IT2017/064	11700217026	SOURAV SAMANTA		10	12	23	22	11	7	85	1	1	1	1	0	0	1	
20	IT2017/069	11700217027	SOURAV JAISWAL		9	14	23	21	12	9	95	1	1	1	1	1	1	1	
21	IT2017/008	11700217029	SOUAMYADEEP MUKHERJEE		7	13	21	20	14	6	85	0	1	1	1	1	0	1	
22	IT2017/063	11700217030	SONALI		8	14	22	20	15	8	95	1	1	1	1	1	1	1	
23	IT2017/109	11700217031	SOMENATH RANA		9	13	23	21	12	8	85	1	1	1	1	1	1	1	
24	IT2017/045	11700217032	SOHAM ROY		9	14	24	21	13	10	95	1	1	1	1	1	1	1	
25	IT2017/079	11700217033	SOHAM BANERJEE		10	13	21	23	15	9	95	1	1	1	1	1	1	1	
26	IT2017/044	11700217034	SNEHA DEEP		7	15	23	24	12	8	85	0	1	1	1	1	1	1	
27	IT2017/083	11700217035	SK ISHAN ALI		10	12	23	23	13	10	95	1	1	1	1	1	1	1	
28	IT2017/031	11700217036	SIMRAN SHAW		7	12	21	22	12	8	85	0	1	1	1	1	1	1	
29	IT2017/023	11700217037	SIMANTINI GHOSH		8	12	22	23	13	10	95	1	1	1	1	1	1	1	
30	IT2017/056	11700217038	SIDHU KUMAR		10	13	23	19	12	8	85	1	1	1	0	1	1	1	
31	IT2017/050	11700217039	SHREYA SENGUPTA		8	15	22	23	14	10	95	1	1	1	1	1	1	1	
32	IT2017/035	11700217040	SHIVANI KUMARI		8	13	22	24	11	10	85	1	1	1	1	0	1	1	
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		9	14	21	21	11	8	85	1	1	1	1	0	1	1	
34	IT2017/099	11700217042	SHIVAM		8	12	21	24	12	10	95	1	1	1	1	1	1	1	
35	IT2017/097	11700217043	SHEIKH TABISH		7	12	22	21	14	10	85	0	1	1	1	1	1	1	



36	IT2017/009	11700217044	SAYED AKHTAR
37	IT2017/007	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/1082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA

8	12	20	22	12	8	85	1	1	1	1	1	1	1
10	14	24	18	13	8	85	1	1	1	0	1	1	1
7	12	24	23	12	7	85	0	1	1	1	1	0	1
10	12	22	20	11	10	95	1	1	1	1	0	1	1
9	12	24	22	12	9	95	1	1	1	1	1	1	1
8	15	15	24	12	9	95	1	1	0	1	1	1	1
8	12	21	21	11	9	85	1	1	1	1	0	1	1
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10	12	24	22	10	7	65	1	1	1	1	0	0	0
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9	13	18	20	14	10	95	1	1	0	1	1	1	1
10	15	15	21	13	10	95	1	1	0	1	1	1	1
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9	11	22	21	14	7	85	1	0	1	1	1	0	1
9	12	20	21	12	6	85	1	1	1	1	1	0	1
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9	13	18	21	14	9	95	1	1	0	1	1	1	1
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9	10	23	21	11	8	85	1	0	1	1	0	1	1
8	14	21	20	10	7	75	1	1	1	1	0	0	0
7	15	20	18	12	8	75	0	1	1	0	1	1	0
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8	12	22	21	14	7	85	1	1	1	1	1	0	1
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10	14	24	20	13	10	95	1	1	1	1	1	1	1
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7	13	20	22	8	10	65	0	1	1	1	0	1	0
8	12	21	23	12	10	95	1	1	1	1	1	1	1
8	12	21	22	12	7	85	1	1	1	1	1	0	1
10	14	24	20	11	9	95	1	1	1	1	0	1	1
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9	11	22	21	14	10	85	1	0	1	1	1	1	1
8	14	21	22	14	10	95	1	1	1	1	1	1	1
9	13	22	23	13	9	95	1	1	1	1	1	1	1
8	14	24	19	13	8	95	1	1	1	0	1	1	1
10	14	21	23	10	10	95	1	1	1	1	0	1	1
8	12	23	20	14	9	95	1	1	1	1	1	1	1
8	14	22	24	11	8	95	1	1	1	1	0	1	1
10	14	22	21	13	8	95	1	1	1	1	1	1	1
9	14	20	21	10	9	85	1	1	1	1	0	1	1
9	12	19	22	14	9	85	1	1	0	1	1	1	1
9	13	21	21	12	10	95	1	1	1	1	1	1	1
10	14	23	24	12	9	95	1	1	1	1	1	1	1
9	12	23	21	11	9	85	1	1	1	1	0	1	1
7	12	21	21	14	10	85	0	1	1	1	1	1	1
9	12	22	22	14	9	95	1	1	1	1	1	1	1
7	14	16	20	12	8	75	0	1	0	1	1	1	0
8	12	21	18	13	8	75	1	1	1	0	1	1	0
8	12	18	22	12	9	85	1	1	0	1	1	1	1



111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

9	13	22	21	14	9	85	1	1	1	1	1	1	1	1
8	15	21	20	12	8	85	1	1	1	1	1	1	1	1
10	14	24	21	12	10	95	1	1	1	1	1	1	1	1
8	14	22	16	14	10	95	1	1	1	0	1	1	1	1
7	12	18	18	14	6	75	0	1	0	0	1	0	0	0
8	13	24	22	9	9	85	1	1	1	1	1	0	1	1
9	12	24	21	12	10	95	1	1	1	1	1	1	1	1
8	13	21	22	11	8	85	1	1	1	1	1	0	1	1
8	13	21	20	13	7	85	1	1	1	1	1	0	1	1
9	10	22	21	11	9	85	1	0	1	1	1	0	1	1
7	12	19	15	12	9	75	0	1	0	0	1	1	1	0
9	14	22	15	12	5	75	1	1	1	0	1	0	0	0

1	108	111	108	109	99	106	112
0	14	11	14	13	23	16	10
CO attn	0.89	0.91	0.89	0.89	0.81	0.87	0.92

Avg Attn	0.876
Attn Level	3

Avg Attn	0.92
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												3	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.00	1.83	1.80	2.00	0	0	0	0	0	0	2.00	
Overall (Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	2.00	1.83	1.80	2.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	1.05

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.60	1.20	2.33	
Overall (Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	1.60	1.20	2.33	1.71

Mapping of CO with PO and PSO of Data Base Management System Lab (Paper code: IT691)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	3	-	-	-	1	-	-	-	-	-	2
	CO2	3	2	2	2	2	-	-	-	-	-	-	2
	CO3	3	2	2	3	1	-	-	-	-	1	1	1
	CO4	3	3	3	2	1	-	-	-	-	1	1	2
	CO5	3	2	-	-	-	1	-	-	-	-	-	2
	CO6	3	2	-	-	-	1	-	-	-	-	-	1
	AVERAGE.	3.00	2.33	2.33	2.33	1.33	1.00	0	0	0	1.00	1.00	1.67

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	2	-	-
	CO2	3	-	-
	CO3	2	2	-
	CO4	3	1	1
	CO5	2	-	1
	CO6	3	-	1
	AVERAGE.	2.50	1.50	1.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						
					Course Outcomes			Marks Distribution				Course Outcome Attainment with target in %						
												CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO 2	CO3	CO4	CO 5	CO6		CO1	CO2	CO3	CO4	CO5	CO6	
					80%						80%	80%						
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		15	15	10	14	15	9	51	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		13	14	10	12	13	8	51	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		14	14	10	10	12	6	51	1	1	1	0	1	0	1
4	IT2017/015	11700217010	SURYAPRATIM RAY		15	15	10	15	14	9	57	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		14	12	10	14	15	9	51	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		14	13	10	14	14	8	57	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		15	13	10	14	13	8	57	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		13	12	10	12	8	8	57	1	1	1	1	0	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		15	15	10	13	12	8	57	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		12	12	9	12	12	7	57	1	1	1	1	1	0	1
11	IT2017/052	11700217018	SUBHANGEE		12	12	10	12	13	7	57	1	1	1	1	1	0	1
12	IT2017/021	11700217019	SUBARNA SARKAR		15	15	10	15	14	9	57	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		12	13	9	13	13	8	57	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		12	14	10	12	12	9	51	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		13	13	10	13	12	9	57	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		13	12	9	12	10	10	57	1	1	1	1	0	1	1
17	IT2017/012	11700217024	SOURAV SHAW		10	12	9	12	14	8	51	0	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		10	12	9	12	12	9	57	0	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		14	13	9	12	10	9	57	1	1	1	1	0	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		13	13	6	12	10	10	57	1	1	0	1	0	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		15	15	10	12	13	8	51	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI		13	12	10	12	13	9	51	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		10	13	8	12	9	6	45	0	1	1	1	0	0	0
24	IT2017/045	11700217032	SOHAM ROY		14	13	8	12	13	9	57	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		14	13	9	12	13	9	57	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		15	15	10	14	15	9	57	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		13	14	10	12	13	8	51	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW		14	14	10	10	12	6	57	1	1	1	0	1	0	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		15	15	10	15	14	9	51	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		14	12	10	14	15	9	51	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		14	13	10	14	14	8	57	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		15	13	10	14	13	8	57	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		13	12	10	12	8	8	51	1	1	1	1	0	1	1
34	IT2017/099	11700217042	SHIVAM		15	15	10	13	12	8	51	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		12	12	9	12	12	7	57	1	1	1	1	1	0	1
36	IT2017/072	11700217044	SAYED AKHTAR		12	12	10	12	13	7	57	1	1	1	1	1	0	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		15	15	10	15	14	9	57	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		12	13	9	13	13	8	57	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW		12	14	10	12	12	9	57	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		13	13	10	13	12	9	57	1	1	1	1	1	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA		13	12	9	12	10	10	57	1	1	1	1	0	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH		10	12	9	12	14	8	51	0	1	1	1	1	1	1
43	IT2017/017	11700217051	ROHAN SHAH		10	12	9	12	12	9	51	0	1	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY		14	13	9	12	10	9	51	1	1	1	1	0	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE		15	15	10	14	15	9	57	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		13	14	10	12	13	8	51	1	1	1	1	1	1	1
47	IT2017/002	11700217055	RIYA KIRTANIA		14	14	10	10	12	6	57	1	1	1	0	1	0	1
48	IT2017/110	11700217056	RITAYAN DHARA		15	15	10	15	14	9	57	1	1	1	1	1	1	1
49	IT2017/022	11700217057	RIJA DEY		14	12	10	14	15	9	57	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		14	13	10	14	14	8	57	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL		15	13	10	14	13	8	57	1	1	1	1	1	1	1
52	IT2017/043	11700217060	RAVI KUMAR		13	12	10	12	8	8	57	1	1	1	1	0	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA		15	15	10	13	12	8	57	1	1	1	1	1	1	1
54	IT2017/107	11700217062	RAKESH KUMAR		12	12	9	12	12	7	57	1	1	1	1	1	0	1
55	IT2017/016	11700217063	RAJAT BISWAS		12	12	10	12	13	7	57	1	1	1	1	1	0	1
56	IT2017/046	11700217064	PRIYANSHU JHA		15	15	10	15	14	9	51	1	1	1	1	1	1	1



57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/041	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

15	15	10	14	15	9	51	1	1	1	1	1	1	1	1
13	14	10	12	13	8	57	1	1	1	1	1	1	1	1
14	14	10	10	12	6	57	1	1	1	0	1	0	1	1
15	15	10	15	14	9	51	1	1	1	1	1	1	1	1
14	12	10	14	15	9	57	1	1	1	1	1	1	1	1
14	13	10	14	14	8	51	1	1	1	1	1	1	1	1
15	13	10	14	13	8	57	1	1	1	1	1	1	1	1
13	12	10	12	8	8	51	1	1	1	1	0	1	1	1
15	15	10	13	12	8	51	1	1	1	1	1	1	1	1
12	12	9	12	12	7	57	1	1	1	1	1	0	1	1
12	12	10	12	13	7	57	1	1	1	1	1	0	1	1
15	15	10	15	14	9	51	1	1	1	1	1	1	1	1
12	13	9	13	13	8	57	1	1	1	1	1	1	1	1
12	14	10	12	12	9	51	1	1	1	1	1	1	1	1
13	13	10	13	12	9	57	1	1	1	1	1	1	1	1
13	12	9	12	10	10	57	1	1	1	1	0	1	1	1
10	12	9	12	14	8	57	0	1	1	1	1	1	1	1
10	12	9	12	12	9	57	0	1	1	1	1	1	1	1
14	13	9	12	10	9	57	1	1	1	1	0	1	1	1
10	13	6	12	10	10	45	0	1	0	1	0	1	0	0
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10	9	10	13	12	7	45	0	0	1	1	1	0	0	0
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10	12	9	12	14	8	57	0	1	1	1	1	1	1	1
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13	13	6	12	10	10	57	1	1	0	1	0	1	1	1
12	12	10	13	9	10	57	1	1	1	1	0	1	1	1
15	15	10	14	15	9	57	1	1	1	1	1	1	1	1
13	14	10	12	13	8	51	1	1	1	1	1	1	1	1
14	14	10	10	12	6	51	1	1	1	0	1	0	1	1
15	15	10	15	14	9	57	1	1	1	1	1	1	1	1
14	12	10	14	15	9	57	1	1	1	1	1	1	1	1
14	13	10	14	14	8	51	1	1	1	1	1	1	1	1
15	13	10	14	13	8	51	1	1	1	1	1	1	1	1
13	12	10	12	8	8	57	1	1	1	1	0	1	1	1
15	15	10	13	12	8	51	1	1	1	1	1	1	1	1
12	12	9	12	12	7	57	1	1	1	1	1	0	1	1
12	12	10	12	13	7	51	1	1	1	1	1	0	1	1
15	15	10	15	14	9	57	1	1	1	1	1	1	1	1
12	13	9	13	13	8	51	1	1	1	1	1	1	1	1

1	108	121	117	116	100	101	119
0	12	1	4	6	18	18	3
CO attn	0.90	0.99	0.97	0.95	0.85	0.85	0.98

Avg Attn	0.92	Avg Attn	0.98
Attn Level	3	Attn Level	3



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											3		
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.33	2.33	2.33	1.33	1.00	0	0	0	1.00	1.00	1.67	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	2.33	2.33	2.33	1.33	1.00	0.00	0.00	0.00	1.00	1.00	1.67	1.33

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.50	1.50	1.00	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	2.50	1.50	1.00	1.67

Mapping of CO with PO and PSO of Computer Networking Laboratory (Paper code: IT692)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	1	-	-	-	-	1	1	-	3	-	2
	CO2	3	2	2	1	3	-	-	1	1	1	1	3
	CO3	3	3	3	1	1	-	-	-	2	2	2	2
	CO4	3	2	2	2	1	2	1	2	2	2	2	2
	CO5	3	2	-	-	2	-	-	2	-	1	-	2
	CO6	3	3	2	3	2	2	2	2	3	2	2	3
	AVERAGE	3.00	2.17	2.25	1.75	1.80	2.00	1.33	1.60	2.00	1.83	1.75	2.33

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	3	3
	CO2	3	2	3
	CO3	3	2	2
	CO4	3	2	3
	CO5	1	2	1
	CO6	3	2	3
	AVERAGE	2.33	2.17	2.50

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Univ Roll	Class Roll	Name	Target Level	ALL PCA's												CO Attainment in Univ Exam	
					PCA1						Univ. Exam	Course Outcome Attainment with target in %						
					CO1	CO2	CO3	CO4	CO5	CO6		CO1	CO2	CO3	CO4	CO5		CO6
					15	15	10	15	15	10		60	80%	80%	80%	80%		80%
1	11700217007	IT2017/013	VINAY KUMAR PODDAR		15	14	10	15	15	10	57	1	1	1	1	1	1	1
2	11700217008	IT2017/121	SUVAM PATRA		14	13	10	15	15	10	57	1	1	1	1	1	1	1
3	11700217009	IT2017/089	SUSNATA DAS		15	14	10	15	15	10	57	1	1	1	1	1	1	1
4	11700217010	IT2017/015	SURYAPRATIM RAY		15	14	10	15	15	10	55	1	1	1	1	1	1	1
5	11700217012	IT2017/054	SUPRATIM DAS		14	13	9	15	14	9	57	1	1	1	1	1	1	1
6	11700217013	IT2017/053	SUMEDHA SEN		15	15	9	15	15	9	55	1	1	1	1	1	1	1
7	11700217014	IT2017/039	SUMAN KAYAL		15	14	9	15	15	9	57	1	1	1	1	1	1	1
8	11700217015	IT2017/067	SUKANYA SAHA		14	15	9	15	14	9	57	1	1	1	1	1	1	1
9	11700217016	IT2017/081	SUBHASHRI DAS		15	15	9	15	14	8	55	1	1	1	1	1	1	1
10	11700217017	IT2017/117	SUBHANKAR NATH		13	14	9	13	14	8	57	1	1	1	1	1	1	1
11	11700217018	IT2017/052	SUBHANGEES		15	15	9	13	15	8	57	1	1	1	1	1	1	1
12	11700217019	IT2017/021	SUBARNA SARKAR		15	15	9	13	15	8	57	1	1	1	1	1	1	1



13	11700217020	IT2017/038	SRIPARNA GIRI
14	11700217021	IT2017/011	SRIJAYEE SAHA
15	11700217022	IT2017/094	SRIJANI ROY
16	11700217023	IT2017/120	SREYASHI KARMAKAR
17	11700217024	IT2017/012	SOURAV SHAW
18	11700217025	IT2017/075	SOURAV SARKAR
19	11700217026	IT2017/064	SOURAV SAMANTA
20	11700217027	IT2017/069	SOURAV JAISWAL
21	11700217029	IT2017/008	SOUMYADEEP MUKHERJEE
22	11700217030	IT2017/063	SONALI
23	11700217031	IT2017/109	SOMENATH RANA
24	11700217032	IT2017/045	SOHAM ROY
25	11700217033	IT2017/079	SOHAM BANERJEE
26	11700217034	IT2017/044	SNEHA DEEP
27	11700217035	IT2017/083	SK ISHAN ALI
28	11700217036	IT2017/031	SIMRAN SHAW
29	11700217037	IT2017/023	SIMANTINI GHOSH
30	11700217038	IT2017/056	SIDHU KUMAR
31	11700217039	IT2017/050	SHREYA SENGUPTA
32	11700217040	IT2017/035	SHIVANI KUMARI
33	11700217041	IT2017/087	SHIVAM KUMAR SINGH
34	11700217042	IT2017/099	SHIVAM
35	11700217043	IT2017/097	SHEIKH TABISH
36	11700217044	IT2017/072	SAYED AKHTAR
37	11700217045	IT2017/009	SAYANTAN BISWAS
38	11700217046	IT2017/098	SAYAN MUKHERJEE
39	11700217047	IT2017/032	SALINE SHAW
40	11700217048	IT2017/078	SAKSHI KUTRIYAR
41	11700217049	IT2017/065	SALMANTI LAHA
42	11700217050	IT2017/105	SAHIL PRAKASH
43	11700217051	IT2017/017	ROHAN SHAH
44	11700217052	IT2017/058	ROHAN KUMAR ROY
45	11700217053	IT2017/010	ROHAN BANERJEE
46	11700217054	IT2017/030	RIZWAN ANSARI
47	11700217055	IT2017/002	RIYA KIRTANIA
48	11700217056	IT2017/110	RITAYAN DHARA
49	11700217057	IT2017/022	RIJA DEY
50	11700217058	IT2017/040	REEMA HAZRA
51	11700217059	IT2017/123	RAYA PAUL
52	11700217060	IT2017/043	RAVI KUMAR
53	11700217061	IT2017/070	RAUNAK GUPTA
54	11700217062	IT2017/107	RAKESH KUMAR
55	11700217063	IT2017/016	RAJAT BISWAS
56	11700217064	IT2017/046	PRIYANSHU JHA
57	11700217065	IT2017/114	PRIYA SINHA
58	11700217066	IT2017/049	PREETAM GHOSH
59	11700217067	IT2017/118	PRATYAY RUDRA
60	11700217068	IT2017/048	PRASHANT KUMAR
61	11700217069	IT2017/113	PRAPTY CHANDA
62	11700217070	IT2017/112	PRAGATI KUMARI
63	11700217071	IT2017/071	POULOMI SEN
64	11700217072	IT2017/033	PIYUSH KUMAR
65	11700217074	IT2017/057	NISHANT GAURAV
66	11700217075	IT2017/106	NILORMI DAS
67	11700217076	IT2017/027	NILANJAN DUTTA
68	11700217077	IT2017/047	NEHA PRIYADARSHNI
69	11700217078	IT2017/095	NATASHA CHANDA
70	11700217079	IT2017/007	NADEEM RAZA KHAN
71	11700217080	IT2017/108	MUKESH KUMAR
72	11700217081	IT2017/119	MOHAMMED ARSALAN
73	11700217082	IT2017/077	MD TAHIR
74	11700217083	IT2017/076	MD NOORAIN
75	11700217084	IT2017/074	MD JAVED AKHTAR
76	11700217085	IT2017/084	MD DANISHULLAH
77	11700217086	IT2017/029	MANAB MALAKAR
78	11700217087	IT2017/034	MADHUMITA GAYEN
79	11700217088	IT2017/082	KUMAR ROHAN
80	11700217089	IT2017/037	KARMVEER KUMAR THAKUR
81	11700217090	IT2017/004	KANKANA SAHA
82	11700217091	IT2017/100	IMRAN ALAM
83	11700217092	IT2017/018	HARSHIT BAISHKIYAR
84	11700217093	IT2017/036	GOURAV BHATTACHARJEE
85	11700217094	IT2017/073	GOURAB TALUKDAR
86	11700217095	IT2017/104	DISHANI KAR
87	11700217096	IT2017/055	DIPANJANA GHOSH
88	11700217097	IT2017/122	DEVASHREE MAHATO

15	15	9	13	14	9	55	1	1	1	1	1	1	1
14	14	8	15	15	9	57	1	1	1	1	1	1	1
15	14	8	15	15	9	57	1	1	1	1	1	1	1
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14	14	8	13	15	10	57	1	1	1	1	1	1	1
14	15	8	13	15	10	58	1	1	1	1	1	1	1
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13	14	10	15	14	9	57	1	1	1	1	1	1	1
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15	13	10	13	15	10	56	1	1	1	1	1	1	1
15	13	10	13	15	9	57	1	1	1	1	1	1	1



89	11700217098	IT2017/024	DAIPAYAN KHAMARU
90	11700217099	IT2017/066	BISWADEEP SARKAR
91	11700217100	IT2017/091	BICKY KUMAR
92	11700217101	IT2017/090	BARNIK PODDER
93	11700217102	IT2017/026	ATINDRA KUMAR SINGH
94	11700217103	IT2017/020	ASMITA GHOSH
95	11700217104	IT2017/025	ARUNAVA GHOSH
96	11700217105	IT2017/051	ARUNARKA MUKHOPADHYAY
97	11700217106	IT2017/059	ARNAB DALAL
98	11700217107	IT2017/103	ARKA MONDAL
99	11700217108	IT2017/068	ANUSHREE JAIN
100	11700217109	IT2017/001	ANTU KUNDU
101	11700217110	IT2017/092	ANTARA PAUL
102	11700217111	IT2017/042	ANKUR SARKAR
103	11700217112	IT2017/080	ANKUR KUMAR
104	11700217113	IT2017/101	ANKITA SINGH
105	11700217114	IT2017/028	ANKIT SHARMA
106	11700217115	IT2017/006	ANKIT PRAMANIK
107	11700217116	IT2017/060	ANKIT KUMAR JHA
108	11700217117	IT2017/093	ANIKET MAJUMDAR
109	11700217118	IT2017/115	ANIKET ARORA
110	11700217119	IT2017/085	AMAN KUMAR VERMA
111	11700217120	IT2017/088	AMAN KUMAR
112	11700217121	IT2017/124	AMAN JHA
113	11700217122	IT2017/102	AKRITI
114	11700217123	IT2017/019	ADRIJA DAS
115	11700217124	IT2017/116	ADITYA KUMAR SINHA
116	11700217125	IT2017/125	ADITYA KUMAR JHA
117	11700217126	IT2017/003	ADITYA BHATTACHARYA
118	11700217127	IT2017/014	ADEEL ABBAS SIDDIQUI
119	11700217128	IT2017/041	ABHISHEK PAREEK
120	11700217129	IT2017/086	ABHISHEK KUMAR
121	11700218001	IT2018/L01	JOYEETA SAHA
122	11700218002	IT2018/L02	ABHISHEK DEY

15	13	8	15	15	9	55	1	1	1	1	1	1	1	1
15	14	8	15	13	9	57	1	1	1	1	1	1	1	1
15	15	8	15	13	9	56	1	1	1	1	1	1	1	1
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15	15	9	13	15	9	57	1	1	1	1	1	1	1	1
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14	15	10	15	13	10	55	1	1	1	1	1	1	1	1
14	15	8	15	13	9	57	1	1	1	1	1	1	1	1
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14	15	10	15	15	8	57	1	1	1	1	1	1	1	1
13	15	10	15	15	8	56	1	1	1	1	1	1	1	1
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14	15	10	15	13	8	56	1	1	1	1	1	1	1	1
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15	15	8	13	15	9	57	1	1	1	1	1	1	1	1
15	14	10	13	15	10	57	1	1	1	1	1	1	1	1
15	15	10	13	15	10	57	1	1	1	1	1	1	1	1
15	15	10	13	15	10	57	1	1	1	1	1	1	1	1

1	122	122	122	122	122	122	122
0	0	0	0	0	0	0	0
CO attn	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Avg Attn	1.00
Attn Level	3

Avg Attn	1.00
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												3	
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.17	2.25	1.75	1.80	2.00	1.33	1.60	2.00	1.83	1.75	2.33	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	2.17	2.25	1.75	1.80	2.00	1.33	1.60	2.00	1.83	1.75	2.33	1.98

PSO attainment vale = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.33	2.17	2.50	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	2.33	2.17	2.50	2.33



Mapping of CO with PO and PSO of Software Engineering Lab (Paper code: IT693)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	-	-	-	1	1	-	-	2	-	2	2
	CO2	2	3	-	1	2	1	-	-	2	-	1	2
	CO3	2	1	-	2	3	1	-	-	2	-	1	2
	CO4	2	2	3	2	2	1	1	1	2	2	1	2
	CO5	2	2	3	1	2	1	2	2	2	2	1	2
	CO6	2	2	3	2	2	1	2	2	2	3	3	2
	AVERAGE	2.00	2.00	3.00	1.60	2.00	1.00	1.67	1.67	2.00	2.00	1.50	2.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	2	1
	CO2	2	2	1
	CO3	1	2	1
	CO4	-	2	2
	CO5	2	2	2
	CO6	2	2	2
AVERAGE	1.60	2.00	1.50	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

SI No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam		
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6			
					CO1	CO2	CO3	CO4	CO5	CO6										
					15	15	10	15	15	10										
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	13	13	6	12	10	10	57	1	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	15	15	10	12	13	8	57	1	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	13	12	10	12	13	9	44	1	1	1	0	1	0	0	0	0
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	10	13	8	12	9	6	50	1	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	14	13	8	12	13	9	50	1	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	14	13	9	12	13	9	57	1	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	15	15	10	14	15	9	57	1	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	13	14	10	12	13	8	57	1	1	1	1	0	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	14	14	10	10	12	6	57	1	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	15	15	10	15	14	9	57	1	1	1	1	1	0	1	0	1
11	IT2017/052	11700217018	SUBHANGEE	80%	14	12	10	14	15	9	57	1	1	1	1	1	0	1	0	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	14	13	10	14	14	8	57	1	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	15	13	10	14	13	8	57	1	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	13	12	10	12	8	8	57	1	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	15	15	10	13	12	8	57	1	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	12	12	9	12	12	7	57	1	1	1	1	0	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	12	12	10	12	13	7	57	0	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	15	15	10	15	14	9	57	0	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	12	13	9	13	13	8	57	1	1	1	1	0	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	12	14	10	12	12	9	57	1	1	0	1	0	1	1	1	1
21	IT2017/008	11700217029	SOUAMYADEEP MUKHERJEE	80%	13	13	10	13	12	9	57	1	1	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI	80%	13	12	9	12	10	10	57	1	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA	80%	10	12	9	12	14	8	57	0	1	1	1	0	0	0	0	1
24	IT2017/045	11700217032	SOHAM ROY	80%	10	12	9	12	12	9	50	1	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	14	13	9	12	10	9	57	1	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	15	15	10	14	15	9	57	1	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	13	14	10	12	13	8	50	1	1	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW	80%	14	14	10	10	12	6	57	1	1	1	0	1	0	1	0	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	15	15	10	15	14	9	57	1	1	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR	80%	14	12	10	14	15	9	57	1	1	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	14	13	10	14	14	8	57	1	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	15	13	10	14	13	8	57	1	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	15	15	10	14	15	9	57	1	1	1	1	1	0	1	1	1
34	IT2017/099	11700217042	SHIVAM	80%	13	14	10	12	13	8	57	1	1	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	14	14	10	10	12	6	57	1	1	1	1	1	0	1	0	1
36	IT2017/072	11700217044	SAYED AKHTAR	80%	15	15	10	15	14	9	57	1	1	1	1	1	0	1	0	1
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	14	12	10	14	15	9	57	1	1	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE	80%	14	13	10	14	14	8	57	1	1	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW	80%	15	13	10	14	13	8	57	1	1	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	80%	13	12	10	12	8	8	57	1	1	1	1	1	1	1	1	1



41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/037	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS

15	15	10	13	12	8	57	1	1	1	1	0	1	1
12	12	9	12	12	7	50	0	1	1	1	1	1	1
12	12	10	12	13	7	51	0	1	1	1	1	1	1
15	15	10	15	14	9	51	1	1	1	1	0	1	1
12	13	9	13	13	8	57	1	1	1	1	1	1	1
12	14	10	12	12	9	50	1	1	1	1	1	1	1
13	13	10	13	12	9	57	1	1	1	0	1	0	1
13	12	9	12	10	10	57	1	1	1	1	1	1	1
10	12	9	12	14	8	57	1	1	1	1	1	1	1
10	12	9	12	12	9	57	1	1	1	1	1	1	1
14	13	9	12	10	9	57	1	1	1	1	1	1	1
14	13	9	12	10	9	57	1	1	1	1	1	1	1
15	15	10	13	12	8	57	1	1	1	1	1	1	1
12	12	9	12	12	7	57	1	1	1	1	1	0	1
12	12	10	12	13	7	57	1	1	1	1	1	0	1
15	15	10	15	14	9	57	1	1	1	1	1	1	1
15	15	10	14	15	9	50	1	1	1	1	1	1	1
13	14	10	12	13	8	57	1	1	1	1	1	1	1
14	14	10	10	12	6	57	1	1	1	0	1	0	1
15	15	10	15	14	9	51	1	1	1	1	1	1	1
14	12	10	14	15	9	57	1	1	1	1	1	1	1
14	13	10	14	14	8	50	1	1	1	1	1	1	1
15	13	10	14	13	8	57	1	1	1	1	1	1	1
13	12	10	12	8	8	51	1	1	1	1	0	1	1
15	15	10	13	12	8	51	1	1	1	1	1	1	1
12	12	9	12	12	7	57	1	1	1	1	1	0	1
12	12	10	12	13	7	57	1	1	1	1	1	0	1
15	15	10	15	14	9	57	1	1	1	1	1	1	1
12	13	9	13	13	8	57	1	1	1	1	1	1	1
12	14	10	12	12	9	57	1	1	1	1	1	1	1
13	13	10	13	12	9	57	1	1	1	1	1	1	1
13	12	9	12	10	10	50	1	1	1	1	0	1	1
10	12	9	12	14	8	50	0	1	1	1	1	1	1
10	12	9	12	12	9	57	0	1	1	1	1	1	1
14	13	9	12	10	9	50	1	1	1	1	0	1	1
10	13	6	12	10	10	50	0	1	0	1	0	1	1
15	13	7	14	14	9	50	1	1	0	1	1	1	1
10	13	10	12	10	7	57	0	1	1	1	1	1	1
15	15	10	14	15	9	50	1	1	1	1	1	1	1
13	14	10	12	13	8	57	1	1	1	1	1	1	1
14	14	10	10	12	6	57	1	1	1	0	1	0	1
15	13	10	14	13	8	50	1	1	1	1	1	1	1
13	12	10	12	8	8	57	1	1	1	1	1	1	1
15	15	10	13	12	8	57	1	1	1	1	1	1	1
12	12	9	12	12	7	57	1	1	1	1	1	1	1
12	12	10	12	13	7	50	1	1	1	1	0	1	1
15	15	10	15	14	9	50	0	0	1	1	1	0	1
12	13	9	13	13	8	50	1	1	1	1	1	0	1
12	14	10	12	12	9	50	1	1	1	1	1	0	1
13	13	10	13	12	9	57	1	1	1	1	1	1	1
13	12	9	12	10	10	50	1	1	1	1	1	1	1
10	12	9	12	14	8	57	1	1	1	1	1	1	1
10	12	9	12	12	9	57	1	1	1	1	1	1	1
14	13	9	12	10	9	57	1	1	1	1	0	1	1
13	13	6	12	10	10	57	0	1	1	1	1	1	1
12	12	10	12	13	7	57	0	1	1	1	1	1	1
15	15	10	15	14	9	57	1	1	1	1	0	1	1
12	13	9	13	13	8	57	1	1	0	1	0	1	1
15	15	10	15	14	9	57	1	1	1	1	0	1	1
14	12	10	14	15	9	57	1	1	1	1	1	1	1
14	13	10	14	14	8	57	1	1	1	1	1	1	1
15	13	10	14	13	8	57	1	1	1	0	1	0	1
13	12	10	12	8	8	57	1	1	1	1	1	1	1
10	9	10	13	12	7	57	1	1	1	1	1	1	1
12	12	9	12	12	7	57	1	1	1	1	1	1	1
12	12	10	12	13	7	50	1	1	1	1	1	1	1
15	15	10	15	14	9	57	1	1	1	1	0	1	1
12	13	9	13	13	8	50	1	1	1	1	1	1	1
12	14	10	12	12	9	50	1	1	1	1	1	0	1
13	13	10	13	12	9	50	1	1	1	1	1	0	1
13	12	9	12	10	10	50	1	1	1	1	1	1	1
10	12	9	12	14	8	57	1	1	1	1	1	1	1
10	12	9	12	12	9	57	1	1	1	1	1	1	1
14	13	9	12	10	9	57	1	1	1	1	1	1	1



115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

13	13	6	12	10	10	44	1	1	1	1	0	1	0
12	12	10	13	9	10	57	0	1	1	1	1	1	1
15	15	10	14	15	9	57	0	1	1	1	1	1	1
13	14	10	12	13	8	57	1	1	1	1	0	1	1
14	14	10	10	12	6	57	1	1	0	1	0	1	1
15	15	10	15	14	9	50	1	1	1	1	1	0	1
14	12	10	14	15	9	44	1	1	1	1	1	1	0
14	13	10	14	14	8	50	1	1	1	1	1	1	1

1	108	121	117	116	101	101	119
0	12	1	4	6	17	18	1
CO attn	0.90	0.99	0.97	0.95	0.86	0.85	0.99

Avg Attn	0.92
Attn Level	3

Avg Attn	0.99
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											3		
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.00	2.00	3.00	1.60	2.00	1.00	1.67	1.67	2.00	2.00	1.50	2.00	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	2.00	2.00	3.00	1.60	2.00	1.00	1.67	1.67	2.00	2.00	1.50	2.00	1.87

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.60	2.00	1.50	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	1.60	2.00	1.50	1.70

Mapping of CO with PO and PSO of Seminar (Paper code: IT681)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	3	1	2	2	1	2	2	3	2	1	2
	CO2	3	3	3	3	2	1	1	1	3	2	1	3
	CO3	1	-	-	-	1	-	-	-	3	3	-	1
	CO4	2	1	-	1	1	2	-	2	3	2	2	2
	CO5	3	3	3	3	3	3	2	3	1	2	2	3
	CO6	3	1	1	-	-	-	-	2	2	3	2	1
	AVERAGE	2.50	2.20	2.00	2.25	1.80	1.75	2.00	1.80	2.83	2.17	1.60	2.00
Average =sum/ number of entry													

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	3	3
	CO2	3	2	3
	CO3	1	1	2
	CO4	3	3	2
	CO5	3	3	3
	CO6	1	2	3
	AVERAGE	2.33	2.33	2.67

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Univ Roll	Class Roll	Name	Target Level	INTERNAL CONTINUOUS ASSESSMENT (60)						External Assessment (40)	Course Outcome Attainment with target in %						
					CONTINUOUS ASSESSMENT-1 (30)			CONTINUOUS ASSESSMENT-2 (30)				Univ. Exam	CO1	CO2	CO3	CO4	CO5	CO6
					CO1	CO2	CO3	CO4	CO5	CO6	40							
					10	10	10	10	10	10	40	80%	80%	80%	80%	80%	80%	80%
1	11700217007	IT2017/013	VINAY KUMAR PODDAR		8	9	10	8	9	9	37	1	1	1	1	1	1	1
2	11700217008	IT2017/121	SUVAM PATRA		10	8	9	8	10	9	37	1	1	1	1	1	1	1
3	11700217009	IT2017/089	SUSNATA DAS		10	8	9	8	10	9	37	1	1	1	1	1	1	1
4	11700217010	IT2017/015	SURYAPRATIM RAY		10	8	9	8	10	9	37	1	1	1	1	1	1	1
5	11700217012	IT2017/054	SUPRATIM DAS		10	8	9	8	10	9	37	1	1	1	1	1	1	1



Attainment Details of Semester VII



Mapping of CO with PO and PSO of Internet Technology (Paper code: IT701)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	1	1	1	3	2	1	3	3	3	-	2
	CO2	2	3	1	2	2	1	-	1	2	1	1	3
	CO3	2	2	3	1	1	-	1	2	3	2	2	1
	CO4	2	2	3	2	1	3	3	3	3	2	2	2
	CO5	2	3	1	3	3	1	2	1	3	1	2	2
	CO6	3	1	2	1	1	-	1	2	2	1	2	2
AVERAGE	2.17	2.00	1.83	1.67	1.83	1.75	1.60	2.00	2.67	1.67	1.80	2.00	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	2	2	1
	CO2	2	2	1
	CO3	2	3	1
	CO4	3	2	1
	CO5	3	2	1
	CO6	3	2	1
AVERAGE	2.50	2.17	1.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl	Class Roll	Univ Roll	Name	Course Outcomes	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam	
					CA1/CA2/CA3/CA4							100	CO1	CO2	CO3	CO4	CO5		CO6
					CO1	CO2	CO3	CO4	CO5	CO6									
					10	15	25	15	10	25									
				Target Level	80%						60%	80%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		9	13	22	10	9	21	71	1	1	1	0	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		8	13	20	12	8	22	79	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		7	13	21	13	8	21	74	0	1	1	1	1	1	1	0
4	IT2017/015	11700217010	SURYAPRATIM RAY		9	12	23	14	9	22	65	1	1	1	1	1	1	1	0
5	IT2017/054	11700217012	SUPRATIM DAS		9	12	22	12	9	21	55	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		8	13	21	13	9	22	55	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		7	13	21	13	7	21	68	0	1	1	1	0	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		9	14	23	15	8	24	81	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		9	14	24	14	9	23	75	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		9	13	21	12	10	22	68	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		8	13	23	14	9	24	75	1	1	1	1	1	1	1	0
12	IT2017/021	11700217019	SUBARNA SARKAR		9	14	23	13	10	23	82	1	1	1	1	1	1	1	0
13	IT2017/038	11700217020	SRIPARNA GIRI		6	14	20	12	8	20	55	0	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		8	13	21	12	8	20	55	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		9	13	24	14	9	23	78	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	14	22	13	9	24	75	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		9	13	23	15	9	23	75	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		7	14	20	14	8	21	72	0	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		9	13	24	15	9	24	75	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	13	22	14	8	23	84	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		9	12	20	13	8	21	65	1	1	1	1	1	1	1	0
22	IT2017/063	11700217030	SONALI		9	15	23	15	9	24	77	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		9	14	24	14	9	24	54	1	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY		9	14	22	14	9	24	75	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		9	14	22	14	8	23	85	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		9	13	23	13	8	23	65	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		9	12	21	13	8	22	67	1	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW		8	13	22	14	9	23	77	1	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		9	12	21	12	9	22	65	1	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		9	12	22	14	8	22	76	1	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		9	14	23	13	9	24	88	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		9	13	23	13	9	23	78	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		8	14	23	13	9	22	70	1	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		9	13	23	14	10	23	75	1	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		8	15	24	15	9	25	75	1	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR		9	13	22	12	9	3	65	1	1	1	1	1	0	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		9	14	25	15	10	25	86	1	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		9	14	24	14	9	23	75	1	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW		8	12	20	12	10	21	74	1	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		8	10	21	13	8	21	71	1	0	1	1	1	1	1	1



41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA

9	14	23	14	9	23	72	1	1	1	1	1	1	1	1
9	13	24	14	9	24	75	1	1	1	1	1	1	1	1
8	13	21	14	8	22	68	1	1	1	1	1	1	1	1
9	13	22	13	9	22	65	1	1	1	1	1	1	1	1
8	14	21	13	9	23	67	1	1	1	1	1	1	1	1
9	13	24	15	10	24	85	1	1	1	1	1	1	1	1
9	12	24	15	9	25	85	1	1	1	1	1	1	1	1
8	13	23	14	9	23	75	1	1	1	1	1	1	1	1
9	14	23	14	10	23	84	1	1	1	1	1	1	1	1
9	12	23	13	10	23	82	1	1	1	1	1	1	1	1
9	13	21	13	9	22	81	1	1	1	1	1	1	1	1
8	12	20	13	8	20	71	1	1	1	1	1	1	1	1
9	14	23	13	10	23	85	1	1	1	1	1	1	1	1
9	12	20	11	9	20	71	1	1	1	0	1	1	1	1
9	14	24	14	9	24	85	1	1	1	1	1	1	1	1
9	13	23	13	10	23	85	1	1	1	1	1	1	1	1
8	12	20	14	6	20	71	1	1	1	1	0	1	1	1
8	14	22	12	10	22	78	1	1	1	1	1	1	1	1
8	12	20	12	8	21	78	1	1	1	1	1	1	1	1
9	12	21	12	9	22	70	1	1	1	1	1	1	1	1
9	12	22	13	8	23	80	1	1	1	1	1	1	1	1
9	13	23	13	9	23	75	1	1	1	1	1	1	1	1
9	14	23	13	8	24	85	1	1	1	1	1	1	1	1
9	13	23	13	8	22	75	1	1	1	1	1	1	1	1
8	13	21	12	9	22	78	1	1	1	1	1	1	1	1
8	12	20	12	9	20	82	1	1	1	1	1	1	1	1
8	14	22	13	9	23	75	1	1	1	1	1	1	1	1
9	12	20	13	8	21	68	1	1	1	1	1	1	1	1
9	13	22	14	8	22	85	1	1	1	1	1	1	1	1
8	12	21	13	8	21	71	1	1	1	1	1	1	1	1
9	12	22	12	8	21	75	1	1	1	1	1	1	1	1
9	12	20	12	9	20	69	1	1	1	1	1	1	1	1
9	12	22	13	9	23	65	1	1	1	1	1	1	1	1
9	11	20	12	9	21	69	1	0	1	1	1	1	1	1
8	13	22	13	10	22	75	1	1	1	1	1	1	1	1
9	14	23	13	10	23	75	1	1	1	1	1	1	1	1
9	14	22	13	10	23	75	1	1	1	1	1	1	1	1
9	12	20	13	6	20	64	1	1	1	1	0	1	1	1
9	14	23	14	9	23	75	1	1	1	1	1	1	1	1
9	13	24	14	10	24	75	1	1	1	1	1	1	1	1
8	13	23	13	9	23	75	1	1	1	1	1	1	1	1
8	12	20	12	8	20	69	1	1	1	1	1	1	1	1
9	13	20	12	8	20	70	1	1	1	1	1	1	1	1
9	13	22	13	8	22	65	1	1	1	1	1	1	1	1
8	12	20	11	9	20	68	1	1	1	0	1	1	1	1
8	13	20	12	9	21	65	1	1	1	1	1	1	1	1
9	12	22	13	9	23	75	1	1	1	1	1	1	1	1
8	13	20	13	9	21	65	1	1	1	1	1	1	1	1
9	12	20	13	8	22	65	1	1	1	1	1	1	1	1
9	13	22	13	9	23	75	1	1	1	1	1	1	1	1
8	12	21	12	9	21	60	1	1	1	1	1	1	1	1
6	13	22	14	9	21	65	0	1	1	1	1	1	1	1
8	13	20	12	9	23	65	1	1	1	1	1	1	1	1
9	13	22	14	9	23	75	1	1	1	1	1	1	1	1
8	14	23	13	8	23	75	1	1	1	1	1	1	1	1
8	13	20	12	9	20	76	1	1	1	1	1	1	1	1
9	11	22	14	8	23	75	1	0	1	1	1	1	1	1
9	13	23	14	8	22	65	1	1	1	1	1	1	1	1
9	12	22	14	8	22	74	1	1	1	1	1	1	1	1
9	12	23	14	8	20	75	1	1	1	1	1	1	1	1
9	14	23	13	8	23	75	1	1	1	1	1	1	1	1
9	13	22	13	9	20	65	1	1	1	1	1	1	1	1
8	14	22	13	9	23	75	1	1	1	1	1	1	1	1
9	14	23	12	8	23	78	1	1	1	1	1	1	1	1
9	13	23	12	8	24	81	1	1	1	1	1	1	1	1
9	12	23	13	8	24	79	1	1	1	1	1	1	1	1
8	12	23	12	9	24	83	1	1	1	1	1	1	1	1
8	13	21	12	8	22	76	1	1	1	1	1	1	1	1
9	14	21	14	8	22	74	1	1	1	1	1	1	1	1
9	14	20	14	9	21	75	1	1	1	1	1	1	1	1
8	14	20	13	9	22	76	1	1	1	1	1	1	1	1
8	13	22	13	9	23	71	1	1	1	1	1	1	1	1
9	13	23	13	9	23	72	1	1	1	1	1	1	1	1
9	12	23	12	8	24	87	1	1	1	1	1	1	1	1
8	12	20	12	8	20	81	1	1	1	1	1	1	1	1



116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

8	13	21	12	8	21	75	1	1	1	1	1	1	1	1
9	13	18	14	9	21	74	1	1	0	1	1	1	1	1
9	14	21	14	8	22	71	1	1	1	1	1	1	1	1
9	14	23	13	8	22	81	1	1	1	1	1	1	1	1
9	13	21	13	8	21	74	1	1	1	1	1	1	1	1
8	13	21	12	9	23	78	1	1	1	1	1	1	1	0
9	11	20	12	9	23	76	1	0	1	1	1	1	1	0

1	117	118	121	119	119	121	115
0	5	4	1	3	3	1	7
CO attn	0.96	0.97	0.99	0.98	0.98	0.99	0.94

Avg Attn	0.977
Attn Level	3

Avg Attn	0.94
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											3		
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.17	2.00	1.83	1.67	1.83	1.75	1.60	2.00	2.67	1.67	1.80	2.00	
Overall (Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	2.17	2.00	1.83	1.67	1.83	1.75	1.60	2.00	2.67	1.67	1.80	2.00	1.92

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	2.00	1.00	
Overall (Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	3.00	2.00	1.00	2.00

Mapping of CO with PO and PSO of Multimedia (Paper code: IT702)													
Enter correlation levels 1, 2 or 3 as defined below :													
1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)													
Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	1	-	-	-	-	-	-	-	-	-	-	1
	CO2	1	-	-	-	1	-	-	-	-	-	1	1
	CO3	1	-	-	-	1	-	-	-	-	-	-	1
	CO4	1	-	-	-	-	-	-	-	-	-	-	1
	CO5	1	-	-	-	-	-	-	-	-	-	-	1
	CO6	1	-	3	-	2	-	-	-	1	-	2	1
AVERAGE	1.00	0	3.00	0	1.33	0	0	0	1.00	0	1.50	1.00	
Average =sum/ number of entry													

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	-	1
	CO2	1	-	1
	CO3	1	-	1
	CO4	1	-	1
	CO5	1	-	1
	CO6	1	-	1
AVERAGE	1.00	0	1.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam	
					CA1/CA2/CA3/CA4							CO1	CO2	CO3	CO4	CO5	CO6		
					Course Outcomes	CO1	CO2	CO3	CO4	CO5									CO6
					Marks Distribution	10	15	25	15	10									25
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		8	13	21	12	8	20	85	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		7	13	20	11	8	20	85	0	1	1	0	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		8	11	20	13	7	20	85	1	0	1	1	0	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY		10	12	23	13	9	22	85	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		10	11	22	12	9	21	85	1	0	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		8	13	21	13	9	22	85	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		7	13	21	13	7	21	85	0	1	1	1	0	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		9	14	23	15	8	24	85	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		10	13	24	14	9	23	95	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		10	12	21	12	10	22	85	1	1	1	1	1	1	1	1
11	IT2017/067	11700217018	SUBHANGEE		10	13	23	14	9	24	85	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		9	14	23	13	10	23	85	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		6	14	20	12	8	20	85	0	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		7	13	20	12	8	20	85	0	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		10	13	24	14	9	23	85	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	14	23	13	10	24	85	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		10	13	24	15	9	23	85	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		7	14	20	14	8	21	85	0	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		10	13	24	15	9	24	85	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	13	22	14	8	23	85	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		9	12	20	13	7	21	65	1	1	1	1	0	1	0	0
22	IT2017/063	11700217030	SONALI		9	15	23	15	9	24	85	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		10	14	24	14	9	24	85	1	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY		10	14	23	14	10	24	85	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		9	14	22	14	8	23	85	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		10	13	23	13	8	23	85	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		9	12	21	13	8	22	85	1	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW		8	13	22	14	9	23	85	1	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		9	12	21	12	10	22	75	1	1	1	1	1	1	1	0
30	IT2017/056	11700217038	SIDHU KUMAR		10	12	22	14	8	22	85	1	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA		9	14	23	13	10	24	95	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		9	13	23	13	9	23	85	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		8	14	23	13	9	22	85	1	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		9	14	23	14	10	23	85	1	1	1	1	1	1	1	1
35	IT2017/065	11700217043	SHEIKH TABISH		9	15	24	15	9	25	85	1	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAVED AKHTAR		9	13	22	12	9	3	85	1	1	1	1	1	0	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		10	15	25	15	10	25	75	1	1	1	1	1	1	1	0
38	IT2017/098	11700217046	SAYAN MUKHERJEE		9	14	24	14	9	23	75	1	1	1	1	1	1	1	0
39	IT2017/032	11700217047	SALINE SHAW		9	12	20	11	10	21	85	1	1	1	0	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		8	11	20	13	7	21	85	1	0	1	1	0	1	1	1
41	IT2017/065	11700217049	SALMANTI LAHA		9	14	23	14	9	23	85	1	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH		9	13	24	14	9	24	85	1	1	1	1	1	1	1	1
43	IT2017/017	11700217051	ROHAN SHAH		9	13	21	14	8	22	85	1	1	1	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY		9	13	22	13	9	22	85	1	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE		8	14	21	12	9	23	85	1	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		10	13	24	15	10	25	85	1	1	1	1	1	1	1	1
47	IT2017/002	11700217055	RIYA KIRTANIA		10	12	24	15	9	25	85	1	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA		8	13	23	14	9	23	85	1	1	1	1	1	1	1	1
49	IT2017/022	11700217057	RJA DEY		9	14	23	14	10	23	85	1	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		10	13	23	13	10	23	85	1	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL		9	13	21	13	9	22	75	1	1	1	1	1	1	1	0
52	IT2017/043	11700217060	RAVI KUMAR		8	12	20	13	7	20	85	1	1	1	1	0	1	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA		9	14	23	13	10	23	85	1	1	1	1	1	1	1	1
54	IT2017/107	11700217062	RAKESH KUMAR		9	11	20	11	9	20	85	1	0	1	0	1	1	1	1
55	IT2017/016	11700217063	RAJAT BISWAS		10	14	24	14	9	24	85	1	1	1	1	1	1	1	1
56	IT2017/046	11700217064	PRIYANSHU JHA		10	13	23	13	10	23	85	1	1	1	1	1	1	1	1
57	IT2017/114	11700217065	PRIYA SINHA		8	12	20	14	6	20	85	1	1	1	1	0	1	1	1
58	IT2017/049	11700217066	PREETAM GHOSH		8	14	22	12	10	22	75	1	1	1	1	1	1	1	0
59	IT2017/118	11700217067	PRATYAY RUDRA		8	12	20	12	8	21	85	1	1	1	1	1	1	1	1
60	IT2017/048	11700217068	PRASHANT KUMAR		9	12	21	12	9	22	85	1	1	1	1	1	1	1	1
61	IT2017/113	11700217069	PRAPTY CHANDA		9	12	22	13	8	23	95	1	1	1	1	1	1	1	1
62	IT2017/112	11700217070	PRAGATI KUMARI		9	13	23	13	9	23	85	1	1	1	1	1	1	1	1



63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

9	14	23	13	8	24	85	1	1	1	1	1	1	1
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8	13	21	11	9	22	85	1	1	1	0	1	1	1
7	12	20	11	9	20	85	0	1	1	0	1	1	1
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8	13	22	13	10	22	85	1	1	1	1	1	1	1
9	14	23	13	10	23	75	1	1	1	1	1	1	0
9	14	22	13	10	23	85	1	1	1	1	1	1	1
9	12	20	13	6	20	85	1	1	1	1	0	1	1
9	14	23	14	9	23	85	1	1	1	1	1	1	1
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8	12	20	12	8	20	75	1	1	1	1	1	1	0
9	13	20	12	8	20	85	1	1	1	1	1	1	1
9	13	22	13	8	22	95	1	1	1	1	1	1	1
8	12	20	11	9	20	95	1	1	1	0	1	1	1
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9	12	22	13	9	23	65	1	1	1	1	1	1	0
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9	11	20	13	7	22	85	1	0	1	1	0	1	1
9	13	22	13	9	23	85	1	1	1	1	1	1	1
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7	13	22	14	9	21	85	0	1	1	1	1	1	1
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7	13	20	12	9	20	85	0	1	1	1	1	1	1
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8	13	21	11	9	22	85	1	1	1	0	1	1	1
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1	112	112	122	114	110	121	112
0	10	10	0	8	12	1	10
CO attn	0.92	0.92	1.00	0.93	0.90	0.99	0.92

Avg Attn	0.94	Avg Attn	0.92
Attn Level	3	Attn Level	3



26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
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76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
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86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNAKKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARKAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK

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9	14	24	14	9	23	95	1	1	1	1	1	1	1	1
9	12	20	11	10	21	95	1	1	1	0	1	1	1	1
8	11	20	13	7	21	95	1	0	1	1	0	1	1	1
9	14	23	14	9	23	95	1	1	1	1	1	1	1	1
9	13	24	14	9	24	95	1	1	1	1	1	1	1	1
9	13	21	14	8	22	95	1	1	1	1	1	1	1	1
9	13	22	13	9	22	95	1	1	1	1	1	1	1	1
8	14	21	12	9	23	95	1	1	1	1	1	1	1	1
10	13	24	15	10	25	95	1	1	1	1	1	1	1	1
10	12	24	15	9	25	95	1	1	1	1	1	1	1	1
8	13	23	14	9	23	95	1	1	1	1	1	1	1	1
9	14	23	14	10	23	95	1	1	1	1	1	1	1	1
10	13	23	13	10	23	95	1	1	1	1	1	1	1	1
9	13	21	13	9	22	95	1	1	1	1	1	1	1	1
8	12	20	13	7	20	95	1	1	1	1	0	1	1	1
9	14	23	13	10	23	95	1	1	1	1	1	1	1	1
9	11	20	11	9	20	95	1	0	1	0	1	1	1	1
10	14	24	14	9	24	95	1	1	1	1	1	1	1	1
10	13	23	13	10	23	95	1	1	1	1	1	1	1	1
8	12	20	14	6	20	95	1	1	1	1	0	1	1	1
8	14	22	12	10	22	85	1	1	1	1	1	1	1	1
8	12	20	12	8	21	95	1	1	1	1	1	1	1	1
9	12	21	12	9	22	95	1	1	1	1	1	1	1	1
9	12	22	13	8	23	95	1	1	1	1	1	1	1	1
9	13	23	13	9	23	95	1	1	1	1	1	1	1	1
9	14	23	13	8	24	95	1	1	1	1	1	1	1	1
9	13	23	13	8	22	95	1	1	1	1	1	1	1	1
8	13	21	11	9	22	95	1	1	1	0	1	1	1	1
7	12	20	11	9	20	95	0	1	1	0	1	1	1	1
8	14	22	13	9	23	95	1	1	1	1	1	1	1	1
10	12	20	13	8	21	95	1	1	1	1	1	1	1	1
9	13	22	14	8	22	95	1	1	1	1	1	1	1	1
8	12	21	13	8	21	95	1	1	1	1	1	1	1	1
9	12	22	12	8	21	95	1	1	1	1	1	1	1	1
9	11	20	12	9	20	95	1	0	1	1	1	1	1	1
9	12	22	13	9	23	95	1	1	1	1	1	1	1	1
9	11	20	12	9	21	95	1	0	1	1	1	1	1	1
8	13	22	13	10	22	95	1	1	1	1	1	1	1	1
9	14	23	13	10	23	95	1	1	1	1	1	1	1	1
9	14	22	13	10	23	95	1	1	1	1	1	1	1	1
9	12	20	13	6	20	95	1	1	1	1	0	1	1	1
9	14	23	14	9	23	95	1	1	1	1	1	1	1	1
9	13	24	14	10	24	95	1	1	1	1	1	1	1	1
8	13	20	12	8	20	95	1	1	1	1	1	1	1	1
9	13	20	12	8	20	95	1	1	1	1	1	1	1	1
9	13	20	12	8	20	95	1	1	1	1	1	1	1	1
9	13	22	13	8	22	95	1	1	1	1	1	1	1	1
8	12	20	11	9	20	95	1	1	1	0	1	1	1	1
8	13	20	12	9	21	95	1	1	1	1	1	1	1	1
8	13	20	12	9	20	95	1	1	1	1	1	1	1	1
9	11	22	14	8	23	95	1	0	1	1	1	1	1	1
10	12	23	14	7	22	95	1	1	1	1	0	1	1	1
9	14	23	13	8	23	95	1	1	1	1	1	1	1	1
9	13	22	13	9	20	95	1	1	1	1	1	1	1	1
10	12	22	14	8	22	95	1	1	1	1	1	1	1	1
9	12	23	14	7	20	95	1	1	1	1	0	1	1	1
9	14	23	13	8	23	95	1	1	1	1	1	1	1	1
9	13	22	13	9	20	95	1	1	1	1	1	1	1	1
8	13	21	11	9	22	95	1	1	1	0	1	1	1	1
7	12	20	11	9	20	95	0	1	1	0	1	1	1	1
8	14	22	13	9	23	95	1	1	1	1	1	1	1	1
10	12	20	13	8	21	95	1	1	1	1	1	1	1	1



107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

9	13	22	14	8	22	95	1	1	1	1	1	1	1	1
8	12	21	13	8	21	95	1	1	1	1	1	1	1	1
9	12	22	12	8	21	95	1	1	1	1	1	1	1	1
9	11	20	12	9	20	95	1	0	1	1	1	1	1	1
9	12	22	13	9	23	95	1	1	1	1	1	1	1	1
9	11	20	12	9	21	95	1	0	1	1	1	1	1	1
8	13	22	13	10	22	95	1	1	1	1	1	1	1	1
9	14	23	13	10	23	95	1	1	1	1	1	1	1	1
9	14	22	13	10	23	95	1	1	1	1	1	1	1	1
9	12	20	13	6	20	95	1	1	1	1	0	1	1	1
9	14	23	14	9	23	95	1	1	1	1	1	1	1	1
9	13	24	14	10	24	95	1	1	1	1	1	1	1	1
8	13	23	13	9	23	95	1	1	1	1	1	1	1	1
8	12	20	12	8	20	95	1	1	1	1	1	1	1	1
9	13	20	12	8	20	95	1	1	1	1	1	1	1	1
9	13	22	13	8	22	95	1	1	1	1	1	1	1	1

1	112	112	122	114	110	121	121
0	10	10	0	8	12	1	1
CO attn	0.92	0.92	1.00	0.93	0.90	0.99	0.99

Avg Attn	0.94	Avg Attn	0.99
Attn Level	3	Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level													
3													
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.50	2.50	3.00	2.50	1.00	1.00	1.00	1.00	2.33	2.00	2.00	
Overall (Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	2.50	2.50	3.00	2.50	1.00	1.00	1.00	1.00	2.33	2.00	2.00	1.99

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.40	2.00	2.00	
Overall (Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	2.40	2.00	2.00	2.13

Mapping of CO with PO and PSO of Cloud Computing (Paper code: IT704B)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	2	1	1	1	2	-	-	1	1	-	1
	CO2	3	2	2	1	2	1	-	2	2	1	1	1
	CO3	3	2	2	2	2	2	1	1	2	1	1	2
	CO4	3	2	1	2	2	2	1	1	2	1	1	2
	CO5	3	2	2	-	1	1	2	1	1	2	1	2
	CO6	3	2	2	3	2	2	2	1	1	1	2	2
	AVERAGE	3.00	2.00	1.67	1.80	1.67	1.67	1.50	1.20	1.50	1.17	1.20	1.67

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	2	1
	CO2	1	1	1
	CO3	-	1	2
	CO4	-	1	2
	CO5	1	2	1
	CO6	2	-	3
	AVERAGE	1.25	1.40	1.67

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																				
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %								
					CA1/CA2/CA3/CA4							100	CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam	
					Course Outcomes	CO1	CO2	CO3	CO4	CO5										CO6
					Marks Distribution	10	15	25	15	10										25
					80%						80%	80%								
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		9	13	22	10	9	21	95	1	1	1	0	1	1	1		
2	IT2017/121	11700217008	SUVAM PATRA		8	13	20	12	8	22	95	1	1	1	1	1	1	1		
3	IT2017/089	11700217009	SUSNATA DAS		7	13	21	13	8	21	95	0	1	1	1	1	1	1		
4	IT2017/015	11700217010	SURYAPRATIM RAY		9	12	23	14	9	22	85	1	1	1	1	1	1	1		
5	IT2017/054	11700217012	SUPRATIM DAS		9	12	22	12	9	21	85	1	1	1	1	1	1	1		
6	IT2017/053	11700217013	SUMEDHA SEN		8	13	21	13	9	22	85	1	1	1	1	1	1	1		
7	IT2017/039	11700217014	SUMAN KAYAL		7	13	21	13	7	21	85	0	1	1	1	0	1	1		
8	IT2017/067	11700217015	SUKANYA SAHA		9	14	23	15	8	24	85	1	1	1	1	1	1	1		
9	IT2017/081	11700217016	SUBHASHRI DAS		9	14	24	14	9	23	95	1	1	1	1	1	1	1		
10	IT2017/117	11700217017	SUBHANKAR NATH		9	13	21	12	10	22	95	1	1	1	1	1	1	1		
11	IT2017/052	11700217018	SUBHANGEE		8	13	23	14	9	24	95	1	1	1	1	1	1	1		
12	IT2017/021	11700217019	SUBARNA SARKAR		9	14	23	13	10	23	95	1	1	1	1	1	1	1		
13	IT2017/038	11700217020	SRIPARNA GIRI		6	14	20	12	8	20	85	0	1	1	1	1	1	1		
14	IT2017/011	11700217021	SRIJAYEE SAHA		8	13	21	12	8	20	95	1	1	1	1	1	1	1		
15	IT2017/094	11700217022	SRIJANI ROY		9	13	24	14	9	23	95	1	1	1	1	1	1	1		
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	14	22	13	9	24	85	1	1	1	1	1	1	1		
17	IT2017/012	11700217024	SOURAV SHAW		9	13	23	15	9	23	95	1	1	1	1	1	1	1		
18	IT2017/075	11700217025	SOURAV SARKAR		7	14	20	14	8	21	95	0	1	1	1	1	1	1		
19	IT2017/064	11700217026	SOURAV SAMANTA		9	13	24	15	9	24	85	1	1	1	1	1	1	1		
20	IT2017/069	11700217027	SOURAV JAISWAL		9	13	22	14	8	23	95	1	1	1	1	1	1	1		
21	IT2017/008	11700217029	SOUNYADEEP MUKHERJEE		9	12	20	13	8	21	75	1	1	1	1	1	1	0		
22	IT2017/063	11700217030	SONALI		9	15	23	15	9	24	85	1	1	1	1	1	1	1		
23	IT2017/109	11700217031	SOMENATH RANA		9	14	24	14	9	24	75	1	1	1	1	1	1	0		
24	IT2017/045	11700217032	SOHAM ROY		9	14	22	14	9	24	85	1	1	1	1	1	1	1		
25	IT2017/079	11700217033	SOHAM BANERJEE		9	14	22	14	8	23	95	1	1	1	1	1	1	1		
26	IT2017/044	11700217034	SNEHA DEEP		9	13	23	13	8	23	95	1	1	1	1	1	1	1		
27	IT2017/083	11700217035	SK ISHAN ALI		9	12	21	13	8	22	95	1	1	1	1	1	1	1		
28	IT2017/031	11700217036	SIMRAN SHAW		8	13	22	14	9	23	95	1	1	1	1	1	1	1		
29	IT2017/023	11700217037	SIMANTINI GHOSH		9	12	21	12	9	22	75	1	1	1	1	1	1	0		
30	IT2017/056	11700217038	SIDHU KUMAR		9	12	22	14	8	22	95	1	1	1	1	1	1	1		
31	IT2017/050	11700217039	SHREYA SENGUPTA		9	14	23	13	9	24	95	1	1	1	1	1	1	1		
32	IT2017/035	11700217040	SHIVANI KUMARI		9	13	23	13	9	23	95	1	1	1	1	1	1	1		
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		8	14	23	13	9	22	75	1	1	1	1	1	1	0		
34	IT2017/099	11700217042	SHIVAM		9	13	23	14	10	23	85	1	1	1	1	1	1	1		
35	IT2017/097	11700217043	SHEIKH TABISH		8	15	24	15	9	25	75	1	1	1	1	1	1	0		
36	IT2017/072	11700217044	SAYED AKHTAR		9	13	22	12	9	3	95	1	1	1	1	1	0	1		
37	IT2017/009	11700217045	SAYANTAN BISWAS		9	14	25	15	10	25	95	1	1	1	1	1	1	1		
38	IT2017/098	11700217046	SAYAN MUKHERJEE		9	14	24	14	9	23	85	1	1	1	1	1	1	1		
39	IT2017/032	11700217047	SALINE SHAW		8	12	20	12	10	21	95	1	1	1	1	1	1	1		
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		8	10	21	13	8	21	95	1	0	1	1	1	1	1		
41	IT2017/065	11700217049	SAIMANTI LAHA		9	14	23	14	9	23	85	1	1	1	1	1	1	1		
42	IT2017/105	11700217050	SAHIL PRAKASH		9	13	24	14	9	24	95	1	1	1	1	1	1	1		
43	IT2017/017	11700217051	ROHAN SHAH		8	13	21	14	8	22	95	1	1	1	1	1	1	1		
44	IT2017/058	11700217052	ROHAN KUMAR ROY		9	13	22	13	9	22	95	1	1	1	1	1	1	1		
45	IT2017/010	11700217053	ROHAN BANERJEE		8	14	21	13	9	23	95	1	1	1	1	1	1	1		
46	IT2017/030	11700217054	RIZWAN ANSARI		9	13	24	15	10	24	85	1	1	1	1	1	1	1		
47	IT2017/002	11700217055	RIYA KIRTANIA		9	12	24	15	9	25	95	1	1	1	1	1	1	1		
48	IT2017/110	11700217056	RITAYAN DHARA		8	13	23	14	9	23	95	1	1	1	1	1	1	1		
49	IT2017/022	11700217057	RIJA DEY		9	14	23	14	10	23	85	1	1	1	1	1	1	1		
50	IT2017/040	11700217058	REEMA HAZRA		9	12	23	13	10	23	95	1	1	1	1	1	1	1		
51	IT2017/123	11700217059	RAYA PAUL		9	13	21	13	9	22	95	1	1	1	1	1	1	1		
52	IT2017/043	11700217060	RAVI KUMAR		8	12	20	13	8	20	95	1	1	1	1	1	1	1		
53	IT2017/070	11700217061	RAUNAK GUPTA		9	14	23	13	10	23	95	1	1	1	1	1	1	1		
54	IT2017/107	11700217062	RAKESH KUMAR		9	12	20	11	9	20	75	1	1	1	0	1	1	0		
55	IT2017/016	11700217063	RAJAT BISWAS		9	14	24	14	9	24	85	1	1	1	1	1	1	1		
56	IT2017/046	11700217064	PRIYANSHU JHA		9	13	23	13	10	23	95	1	1	1	1	1	1	1		
57	IT2017/114	11700217065	PRIYA SINHA		8	12	20	14	6	20	95	1	1	1	1	0	1	1		
58	IT2017/049	11700217066	PREETAM GHOSH		8	14	22	12	10	22	85	1	1	1	1	1	1	1		
59	IT2017/118	11700217067	PRATYAY RUDRA		8	12	20	12	8	21	95	1	1	1	1	1	1	1		
60	IT2017/048	11700217068	PRASHANT KUMAR		9	12	21	12	9	22	95	1	1	1	1	1	1	1		
61	IT2017/113	11700217069	PRAPTY CHANDA		9	12	22	13	8	23	95	1	1	1	1	1	1	1		
62	IT2017/112	11700217070	PRAGATI KUMARI		9	13	23	13	9	23	95	1	1	1	1	1	1	1		
63	IT2017/071	11700217071	POULOMI SEN		9	14	23	13	8	24	95	1	1	1	1	1	1	1		
64	IT2017/033	11700217072	PIYUSH KUMAR		9	13	23	13	8	22	85	1	1	1	1	1	1	1		
65	IT2017/057	11700217074	NISHANT GAURAV		8	13	21	12	9	22	95	1	1	1	1	1	1	1		
66	IT2017/106	11700217075	NILORMI DAS		8	12	20	12	9	20	95	1	1	1	1	1	1	1		



67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

8	14	22	13	9	23	95	1	1	1	1	1	1	1	1
9	12	20	13	8	21	85	1	1	1	1	1	1	1	1
9	13	22	14	8	22	95	1	1	1	1	1	1	1	1
8	12	21	13	8	21	95	1	1	1	1	1	1	1	1
9	12	22	12	8	21	75	1	1	1	1	1	1	1	0
9	12	20	12	9	20	95	1	1	1	1	1	1	1	1
9	12	22	13	9	23	95	1	1	1	1	1	1	1	1
9	11	20	12	9	21	95	1	0	1	1	1	1	1	1
8	13	22	13	10	22	85	1	1	1	1	1	1	1	1
9	14	23	13	10	23	85	1	1	1	1	1	1	1	1
9	14	22	13	10	23	85	1	1	1	1	1	1	1	1
9	12	20	13	6	20	85	1	1	1	1	0	1	1	1
9	14	23	14	9	23	85	1	1	1	1	1	1	1	1
9	13	24	14	10	24	95	1	1	1	1	1	1	1	1
8	13	23	13	9	23	85	1	1	1	1	1	1	1	1
8	12	20	12	8	20	85	1	1	1	1	1	1	1	1
9	13	20	12	8	20	95	1	1	1	1	1	1	1	1
9	13	22	13	8	22	85	1	1	1	1	1	1	1	1
8	12	20	11	9	20	95	1	1	1	0	1	1	1	1
8	13	20	12	9	21	95	1	1	1	1	1	1	1	1
9	12	22	13	9	23	65	1	1	1	1	1	1	1	0
8	13	20	13	9	21	85	1	1	1	1	1	1	1	1
9	12	20	13	8	22	85	1	1	1	1	1	1	1	1
9	13	22	13	9	23	95	1	1	1	1	1	1	1	1
8	12	21	12	9	21	95	1	1	1	1	1	1	1	1
6	13	22	14	9	21	95	0	1	1	1	1	1	1	1
8	13	20	12	9	23	95	1	1	1	1	1	1	1	1
9	13	22	14	9	23	85	1	1	1	1	1	1	1	1
8	14	23	13	8	23	85	1	1	1	1	1	1	1	1
8	13	20	12	9	20	85	1	1	1	1	1	1	1	1
9	11	22	14	8	23	95	1	0	1	1	1	1	1	1
9	13	23	14	8	22	95	1	1	1	1	1	1	1	1
9	12	22	14	8	22	95	1	1	1	1	1	1	1	1
9	12	23	14	8	20	95	1	1	1	1	1	1	1	1
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9	13	22	13	9	20	85	1	1	1	1	1	1	1	1
8	14	22	13	9	23	75	1	1	1	1	1	1	1	0
9	14	23	12	8	23	95	1	1	1	1	1	1	1	1
9	13	23	12	8	24	85	1	1	1	1	1	1	1	1
9	12	23	13	8	24	95	1	1	1	1	1	1	1	1
8	12	23	12	9	24	95	1	1	1	1	1	1	1	1
8	13	21	12	8	22	95	1	1	1	1	1	1	1	1
9	14	21	14	8	22	95	1	1	1	1	1	1	1	1
9	14	20	14	9	21	95	1	1	1	1	1	1	1	1
8	14	20	13	9	22	95	1	1	1	1	1	1	1	1
8	13	22	13	9	23	95	1	1	1	1	1	1	1	1
9	13	23	13	9	23	85	1	1	1	1	1	1	1	1
9	12	23	12	8	24	85	1	1	1	1	1	1	1	1
8	12	20	12	8	20	95	1	1	1	1	1	1	1	1
8	13	21	12	8	21	95	1	1	1	1	1	1	1	1
9	13	18	14	9	21	85	1	1	0	1	1	1	1	1
9	14	21	14	8	22	95	1	1	1	1	1	1	1	1
9	14	23	13	8	22	95	1	1	1	1	1	1	1	1
9	13	21	13	8	21	85	1	1	1	1	1	1	1	1
8	13	21	12	9	23	85	1	1	1	1	1	1	1	1
9	11	20	12	9	23	95	1	0	1	1	1	1	1	1

1	117	118	121	119	119	121	113
0	5	4	1	3	3	1	9
CO attn	0.96	0.97	0.99	0.98	0.98	0.99	0.93

Avg Attn	0.9768
Attn Level	3

Avg Attn	0.93
Attn Level	3

Overall Course Outcome Attainment														
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)														
Direct CO attainment level														
3														
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12		
Avg values from table 1	3.00	2.00	1.67	1.80	1.67	1.67	1.50	1.20	1.50	1.17	1.20	1.67		
Overall (Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3		
Attainment of PO for this course	3.00	2.00	1.67	1.80	1.67	1.67	1.50	1.20	1.50	1.17	1.20	1.67	1.67	

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.25	1.40	1.67	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	1.25	1.40	1.67	1.44



Mapping of CO with PO and PSO of Microelectronics & VLSI Design (Paper code: IT705D)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	3	2	2	2	1	1	-	1	-	2	3
	CO2	3	2	1	2	2	-	-	-	1	-	2	3
	CO3	3	3	1	3	2	-	1	-	1	-	2	3
	CO4	3	3	1	3	2	-	1	-	1	-	2	3
	CO5	3	3	1	3	2	-	-	-	1	-	2	3
	CO6	3	3	1	2	3	-	1	-	1	-	2	3
	AVERAGE	3.00	2.83	1.17	2.50	2.17	1.00	1.00	0	1.00	0	2.00	3.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	-	1	2
	CO2	-	1	1
	CO3	-	1	2
	CO4	-	1	2
	CO5	-	1	2
	CO6	1	1	2
	AVERAGE	1.00	1.00	2.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam	
					CA1/CA2/CA3/CA4							CO1	CO2	CO3	CO4	CO5	CO6		
					CO1	CO2	CO3	CO4	CO5	CO6									
					15	10	15	10	25	25									
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	13	10	14	8	24	23	95	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	13	10	13	10	22	23	95	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	13	8	15	8	20	25	95	1	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	12	8	12	10	22	24	95	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	13	10	15	9	23	25	95	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	15	10	14	9	22	25	95	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	12	10	12	9	23	25	95	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	14	10	12	8	25	22	95	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	13	10	13	10	22	20	95	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	13	10	15	8	20	20	95	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	15	9	13	9	21	23	95	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	13	10	12	8	23	24	95	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	12	8	12	9	25	23	95	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	15	8	14	10	20	23	95	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	12	10	12	8	23	22	95	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	12	9	12	9	21	20	95	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	14	9	13	9	23	21	95	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	12	10	12	8	21	24	95	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	12	9	15	10	23	21	95	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	13	10	13	9	21	24	95	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	80%	9	7	12	9	18	20	65	0	0	1	1	0	1	0	
22	IT2017/063	11700217030	SONALI	80%	15	8	14	9	23	22	95	1	1	1	1	1	1	1	
23	IT2017/109	11700217031	SOMENATH RANA	80%	15	10	15	8	24	23	95	1	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY	80%	15	10	15	10	24	25	95	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	12	8	12	9	24	20	95	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	13	8	12	10	24	22	95	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	15	8	14	8	23	25	95	1	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW	80%	12	10	12	9	25	24	95	1	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	12	9	14	9	22	25	95	1	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR	80%	15	9	15	8	23	22	95	1	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	12	10	13	9	24	20	95	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	13	9	15	10	20	23	95	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	14	9	13	10	23	23	95	1	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM	80%	13	9	15	8	20	24	95	1	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	13	10	13	9	22	21	95	1	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR	80%	15	9	13	10	20	23	95	1	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	14	10	14	10	21	23	95	1	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE	80%	14	10	13	8	21	24	95	1	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW	80%	14	8	14	9	22	22	95	1	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	80%	14	8	15	8	20	24	95	1	1	1	1	1	1	1	1



41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RUJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARNVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

14	8	15	10	24	25	95	1	1	1	1	1	1	1
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13	8	12	8	25	24	95	1	1	1	1	1	1	1
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15	8	13	9	22	25	95	1	1	1	1	1	1	1
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14	9	13	9	23	23	95	1	1	1	1	1	1	1
12	8	12	7	20	21	85	1	1	1	0	1	1	1
15	10	15	8	20	23	95	1	1	1	1	1	1	1
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12	8	12	8	22	24	95	1	1	1	1	1	1	1
13	10	14	9	20	21	95	1	1	1	1	1	1	1
13	9	15	9	24	20	95	1	1	1	1	1	1	1
12	8	14	8	24	25	95	1	1	1	1	1	1	1
15	9	13	8	22	23	95	1	1	1	1	1	1	1
15	10	12	8	25	25	95	1	1	1	1	1	1	1
12	9	15	9	20	20	95	1	1	1	1	1	1	1
15	10	14	10	25	25	95	1	1	1	1	1	1	1
13	8	15	10	22	22	95	1	1	1	1	1	1	1
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15	9	13	9	20	24	95	1	1	1	1	1	1	1
15	9	15	9	22	22	95	1	1	1	1	1	1	1
10	9	14	8	20	22	85	0	1	1	1	1	1	1
12	8	14	9	21	21	95	1	1	1	1	1	1	1
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15	8	14	8	21	21	95	1	1	1	1	1	1	1
13	9	12	8	20	25	95	1	1	1	1	1	1	1
14	10	15	9	25	21	95	1	1	1	1	1	1	1
15	10	15	9	24	22	95	1	1	1	1	1	1	1
13	10	14	9	25	20	95	1	1	1	1	1	1	1
14	8	15	10	20	20	95	1	1	1	1	1	1	1
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13	10	12	9	21	23	95	1	1	1	1	1	1	1
14	10	14	8	23	25	95	1	1	1	1	1	1	1
15	8	12	10	20	24	95	1	1	1	1	1	1	1
14	9	14	8	23	21	95	1	1	1	1	1	1	1
14	8	12	8	22	21	95	1	1	1	1	1	1	1
15	8	12	8	23	22	95	1	1	1	1	1	1	1
14	10	15	10	22	25	95	1	1	1	1	1	1	1
15	8	12	10	21	23	95	1	1	1	1	1	1	1
12	8	15	9	20	20	95	1	1	1	1	1	1	1
14	9	15	9	22	22	95	1	1	1	1	1	1	1
13	9	13	8	24	25	95	1	1	1	1	1	1	1
13	10	14	8	21	21	95	1	1	1	1	1	1	1
14	8	14	9	24	24	95	1	1	1	1	1	1	1
13	8	14	10	23	20	95	1	1	1	1	1	1	1
13	10	13	8	24	21	95	1	1	1	1	1	1	1
13	9	15	8	20	22	95	1	1	1	1	1	1	1
12	9	14	10	25	25	95	1	1	1	1	1	1	1
15	10	15	10	25	21	95	1	1	1	1	1	1	1
12	10	14	8	22	22	95	1	1	1	1	1	1	1
14	10	12	8	20	20	95	1	1	1	1	1	1	1
13	10	13	9	25	21	95	1	1	1	1	1	1	1
15	9	12	9	23	25	95	1	1	1	1	1	1	1
15	10	14	10	24	21	95	1	1	1	1	1	1	1
15	8	12	10	25	22	95	1	1	1	1	1	1	1
15	9	13	10	24	20	95	1	1	1	1	1	1	1
13	9	15	9	22	25	95	1	1	1				



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level													3
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.83	1.17	2.50	2.17	1.00	1.00	0	1.00	0	2.00	3.00	
Overall (Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	2.83	1.17	2.50	2.17	1.00	1.00	0.00	1.00	0.00	2.00	3.00	1.64

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.00	1.00	2.00	
Overall (Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	1.00	1.00	2.00	1.33

Mapping of CO with PO and PSO of Internet Technology(Paper Code: IT791)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	2	3	-	-	1	1	1	1	-	1	-
	CO2	2	3	2	-	2	1	1	1	1	2	1	-
	CO3	2	2	3	-	3	-	-	-	2	1	2	-
	CO4	2	2	3	1	2	2	2	2	1	-	1	1
	CO5	2	1	3	2	-	3	3	3	-	1	-	2
	CO6	2	1	3	2	-	-	-	-	-	-	-	2
	AVERAGE	2.00	1.83	2.83	1.67	2.33	1.75	1.75	1.75	1.25	1.33	1.25	1.67

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	3	1
	CO2	2	1	1
	CO3	3	2	1
	CO4	3	1	1
	CO5	2	3	1
	CO6	3	3	1
	AVERAGE	2.67	2.17	1.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Course Outcomes	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %							
					PCA1			PCA2				60	CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6									
					15	15	10	15	15	10									
				Target Level	80%						70%	80%							
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		15	14	9	14	15	9	49	1	1	1	1	1	1	1	
2	IT2017/121	11700217008	SUVAM PATRA		13	13	8	12	13	8	50	1	1	1	1	1	1	1	
3	IT2017/089	11700217009	SUSNATA DAS		12	13	9	12	12	8	45	1	1	1	1	1	1	1	
4	IT2017/015	11700217010	SURYAPRATIM RAY		14	15	9	15	14	9	52	1	1	1	1	1	1	1	
5	IT2017/054	11700217012	SUPRATIM DAS		14	15	10	14	15	9	50	1	1	1	1	1	1	1	
6	IT2017/053	11700217013	SUMEDHA SEN		15	14	9	14	14	8	50	1	1	1	1	1	1	1	
7	IT2017/039	11700217014	SUMAN KAYAL		13	13	8	12	13	8	46	1	1	1	1	1	1	1	
8	IT2017/067	11700217015	SUKANYA SAHA		15	15	10	14	15	9	55	1	1	1	1	1	1	1	
9	IT2017/081	11700217016	SUBHASHRI DAS		12	12	8	13	12	8	48	1	1	1	1	1	1	1	
10	IT2017/117	11700217017	SUBHANKAR NATH		12	12	8	12	12	9	48	1	1	1	1	1	1	1	
11	IT2017/052	11700217018	SUBHANGEE		12	13	9	12	13	8	44	1	1	1	1	1	1	1	
12	IT2017/021	11700217019	SUBARNA SARKAR		15	14	9	15	14	9	56	1	1	1	1	1	1	1	
13	IT2017/038	11700217020	SRIPARNA GIRI		12	13	8	12	13	8	45	1	1	1	1	1	1	1	
14	IT2017/011	11700217021	SRIJAYEE SAHA		15	14	10	14	15	9	50	1	1	1	1	1	1	1	
15	IT2017/094	11700217022	SRIJANI ROY		14	15	10	15	14	9	52	1	1	1	1	1	1	1	
16	IT2017/120	11700217023	SREYASHI KARMAKAR		15	15	9	14	15	9	53	1	1	1	1	1	1	1	
17	IT2017/012	11700217024	SOURAV SHAW		15	14	9	15	14	8	56	1	1	1	1	1	1	1	
18	IT2017/075	11700217025	SOURAV SARKAR		12	13	8	12	12	8	41	1	1	1	1	1	1	0	
19	IT2017/064	11700217026	SOURAV SAMANTA		14	15	9	14	15	9	57	1	1	1	1	1	1	1	
20	IT2017/069	11700217027	SOURAV JAISWAL		14	15	8	15	14	8	51	1	1	1	1	1	1	1	



21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE
22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH

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12	13	8	13	13	8	49	1	1	1	1	1	1	1	1
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15	13	9	15	13	9	49	1	1	1	1	1	1	1	1
14	15	8	13	12	8	46	1	1	1	1	1	1	1	1
12	12	8	12	13	9	47	1	1	1	1	1	1	1	1
13	12	9	13	13	8	45	1	1	1	1	1	1	1	1



96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

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14	14	9	14	14	8	51	1	1	1	1	1	1	1
13	14	7	14	14	7	46	1	1	0	1	1	0	1
12	12	9	12	12	9	48	1	1	1	1	1	1	1
13	11	9	12	13	8	47	1	0	1	1	1	1	1
13	12	8	13	13	8	46	1	1	1	1	1	1	1
13	13	8	13	14	9	49	1	1	1	1	1	1	1
14	13	8	14	14	9	50	1	1	1	1	1	1	1
14	14	8	12	12	8	45	1	1	1	1	1	1	1
11	13	9	13	12	9	49	0	1	1	1	1	1	1
12	14	9	11	13	8	43	1	1	1	0	1	1	1
12	14	9	12	13	9	47	1	1	1	1	1	1	1
13	14	8	13	14	9	48	1	1	1	1	1	1	1
14	12	8	14	12	9	46	1	1	1	1	1	1	1
11	13	9	12	14	9	47	0	1	1	1	1	1	1
12	13	9	13	12	9	46	1	1	1	1	1	1	1
12	12	8	13	13	8	49	1	1	1	1	1	1	1
12	12	9	12	12	8	46	1	1	1	1	1	1	1

1	118	115	119	118	116	115	121
0	4	7	3	4	6	6	1
CO attn	0.97	0.94	0.98	0.97	0.95	0.95	0.99

Avg Attn	0.96
Attn Level	3

Avg Attn	0.99
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level													
3													
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.00	1.83	2.83	1.67	2.33	1.75	1.75	1.75	1.25	1.33	1.25	1.67	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	2.00	1.83	2.83	1.67	2.33	1.75	1.75	1.75	1.25	1.33	1.25	1.67	1.78

PSO attainment vale = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.67	2.17	1.00	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	2.67	2.17	1.00	1.94



Mapping of CO with PO and PSO of the Course Multimedia IT792

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

TABLE 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	1	-	2	-	1	-	-	-	-	-	-	1
	CO2	1	-	2	-	1	-	-	-	-	-	-	1
	CO3	1	-	2	-	1	-	-	-	-	-	-	1
	CO4	1	-	2	-	1	-	-	-	-	-	-	1
	CO5	1	-	2	-	1	-	-	-	-	-	-	1
	CO6	1	-	2	-	2	-	-	-	-	-	2	1
AVERAGE	1.00	0	2.00	0	1.17	0	0	0	0	0	2.00	1.00	

Average =sum/ number of entry

TABLE 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	-	1
	CO2	1	-	1
	CO3	1	-	1
	CO4	1	-	1
	CO5	1	-	1
	CO6	1	2	1
AVERAGE	1.00	2.00	1.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						CO Attainment in Univ Exam		
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6			
					CO1	CO2	CO3	CO4	CO5	CO6										
					15	15	10	15	15	10										
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	15	14	9	14	15	9	55	1	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	13	13	8	12	13	8	58	1	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	12	13	9	12	12	8	57	1	1	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	14	15	9	15	14	9	55	1	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	14	15	10	14	15	9	53	1	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	15	14	9	14	14	8	60	1	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	13	13	8	12	13	8	60	1	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	15	15	10	14	15	9	60	1	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	12	12	8	13	12	8	58	1	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	12	12	8	12	12	7	60	1	1	1	1	1	0	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	12	13	9	12	13	8	60	1	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	15	14	9	15	14	9	52	1	1	1	1	1	1	1	1	1
13	IT2017/008	11700217020	SRIPARNA GIRI	80%	12	13	8	12	13	8	60	1	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	15	14	10	14	15	9	60	1	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	14	15	10	15	14	9	60	1	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	15	15	9	14	15	9	55	1	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	15	14	9	15	14	8	55	1	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	12	13	8	12	12	8	60	1	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	14	15	9	14	15	9	60	1	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	14	15	8	15	14	8	55	1	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	80%	13	12	8	12	13	8	60	1	1	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI	80%	14	15	9	15	14	9	60	1	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA	80%	15	14	9	14	15	9	57	1	1	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY	80%	14	15	10	15	14	9	60	1	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	15	14	10	14	15	9	56	1	1	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	15	15	9	15	14	10	60	1	1	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	12	12	8	13	12	8	60	1	1	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW	80%	12	13	8	12	13	8	60	1	1	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	13	11	8	12	12	7	60	1	0	1	1	1	1	0	1	1
30	IT2017/056	11700217038	SIDHU KUMAR	80%	14	15	9	15	14	9	55	1	1	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	14	13	8	14	15	9	60	1	1	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	15	14	9	14	14	9	60	1	1	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	15	14	9	15	14	9	55	1	1	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM	80%	15	15	10	15	15	10	54	1	1	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	15	14	8	14	15	10	55	1	1	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR	80%	13	12	9	12	12	8	58	1	1	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	13	15	8	15	14	9	60	1	1	1	1	1	1	1	1	1



38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA

14	15	9	14	15	9	55	1	1	1	1	1	1	1	1
12	12	9	12	12	8	60	1	1	1	1	1	1	1	1
12	11	8	11	12	6	60	1	0	1	0	1	0	1	1
15	15	9	15	14	9	55	1	1	1	1	1	1	1	1
15	14	10	15	14	10	60	1	1	1	1	1	1	1	1
15	15	9	14	14	9	58	1	1	1	1	1	1	1	1
15	14	9	15	14	9	60	1	1	1	1	1	1	1	1
12	11	8	12	12	8	58	1	0	1	1	1	1	1	1
14	15	9	14	14	9	60	1	1	1	1	1	1	1	1
12	14	9	13	12	9	60	1	1	1	1	1	1	1	1
12	13	8	11	12	8	60	1	1	1	0	1	1	1	1
12	13	8	12	12	9	60	1	1	1	1	1	1	1	1
14	15	9	14	14	10	55	1	1	1	1	1	1	1	1
12	13	8	12	12	8	60	1	1	1	1	1	1	1	1
12	11	8	12	13	9	60	1	0	1	1	1	1	1	1
12	12	8	13	12	8	60	1	1	1	1	1	1	1	1
13	13	8	13	12	8	60	1	1	1	1	1	1	1	1
14	15	10	15	14	10	55	1	1	1	1	1	1	1	1
14	15	9	14	14	9	60	1	1	1	1	1	1	1	1
13	12	8	11	12	9	60	1	1	1	0	1	1	1	1
15	14	9	15	14	10	60	1	1	1	1	1	1	1	1
12	12	8	12	13	8	60	1	1	1	1	1	1	1	1
13	12	8	13	11	7	60	1	1	1	1	0	0	1	1
14	15	9	14	15	9	60	1	1	1	1	1	1	1	1
15	14	9	15	15	9	60	1	1	1	1	1	1	1	1
14	15	9	15	14	9	54	1	1	1	1	1	1	1	1
14	15	10	14	15	9	60	1	1	1	1	1	1	1	1
12	12	7	11	10	7	56	1	1	0	0	0	0	1	1
12	10	7	12	10	6	60	1	0	0	1	0	0	1	1
11	12	8	12	11	7	60	0	1	1	1	0	0	1	1
12	12	8	12	13	9	58	1	1	1	1	1	1	1	1
12	13	9	12	13	8	60	1	1	1	1	1	1	1	1
15	14	9	15	14	9	57	1	1	1	1	1	1	1	1
12	13	8	13	13	8	60	1	1	1	1	1	1	1	1
14	15	9	14	15	8	55	1	1	1	1	1	1	1	1
14	15	9	14	15	10	60	1	1	1	1	1	1	1	1
14	15	9	14	14	9	56	1	1	1	1	1	1	1	1
15	15	9	14	15	9	55	1	1	1	1	1	1	1	1
14	15	9	14	14	10	55	1	1	1	1	1	1	1	1
14	15	9	14	14	9	60	1	1	1	1	1	1	1	1
13	10	8	13	12	7	60	1	0	1	1	1	1	1	1
15	14	10	15	14	9	60	1	1	1	1	1	1	1	1
14	15	10	13	14	9	59	1	1	1	1	1	1	1	1
15	14	9	14	15	9	60	1	1	1	1	1	1	1	1
12	13	8	13	12	9	60	1	1	1	1	1	1	1	1
14	15	10	15	14	9	60	1	1	1	1	1	1	1	1
12	12	9	13	12	9	58	1	1	1	1	1	1	1	1
12	13	8	13	13	8	60	1	1	1	1	1	1	1	1
12	11	8	12	10	7	60	1	0	1	1	0	0	1	1
14	15	9	14	15	9	50	1	1	1	1	1	1	1	1
12	13	9	13	12	8	60	1	1	1	1	1	1	1	1
12	13	8	12	12	9	57	1	1	1	1	1	1	1	1
12	12	8	13	13	8	60	1	1	1	1	1	1	1	1
12	12	9	14	13	8	60	1	1	1	1	1	1	1	1
15	13	9	15	13	9	55	1	1	1	1	1	1	1	1
14	15	8	13	12	8	60	1	1	1	1	1	1	1	1
12	12	8	12	13	9	60	1	1	1	1	1	1	1	1
13	12	9	13	13	8	60	1	1	1	1	1	1	1	1
12	13	8	13	12	9	60	1	1	1	1	1	1	1	1
13	12	9	13	13	8	60	1	1	1	1	1	1	1	1
12	12	8	12	13	9	56	1	1	1	1	1	1	1	1
12	12	8	12	13	8	60	1	1	1	1	1	1	1	1
15	14	9	14	15	9	60	1	1	1	1	1	1	1	1
13	13	8	12	13	8	60	1	1	1	1	1	1	1	1
12	13	9	12	12	8	58	1	1	1	1	1	1	1	1
14	15	9	15	14	9	55	1	1	1	1	1	1	1	1
14	15	10	14	15	9	55	1	1	1	1	1	1	1	1
15	14	9	14	14	8	60	1	1	1	1	1	1	1	1
13	13	8	12	13	8	60	1	1	1	1	1	1	1	1
15	15	10	14	15	9	58	1	1	1	1	1	1	1	1



111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

12	12	8	13	12	8	60	1	1	1	1	1	1	1	1
12	12	8	12	12	7	60	1	1	1	1	1	1	0	1
12	13	9	12	13	8	57	1	1	1	1	1	1	1	1
15	14	9	15	14	9	55	1	1	1	1	1	1	1	1
12	13	8	12	13	8	60	1	1	1	1	1	1	1	1
15	14	10	14	15	9	56	1	1	1	1	1	1	1	1
14	15	10	15	14	9	56	1	1	1	1	1	1	1	1
15	15	9	14	15	9	56	1	1	1	1	1	1	1	1
15	14	9	15	14	8	55	1	1	1	1	1	1	1	1
12	13	8	12	12	8	60	1	1	1	1	1	1	1	1
14	15	9	14	15	9	55	1	1	1	1	1	1	1	1
14	15	8	15	14	8	60	1	1	1	1	1	1	1	1

1	121	115	120	118	117	113	122
0	1	7	2	4	5	9	0
CO attn	0.99	0.94	0.98	0.97	0.96	0.93	1.00

Avg Attn	0.96
Attn Level	3

Avg Attn	1.00
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level													3
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	1.00	0	2.00	0	1.17	0	0	0	0	0	2.00	1.00	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	1.00	0.00	2.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	2.00	1.00	0.60

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.00	2.00	1.00	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	1.00	2.00	1.00	1.33

Mapping of CO with PO and PSO of the Course E Commerce Lab (IT793A)

Enter correlation levels 1, 2 or 3 as defined below :

1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	2	3	-	2	-	-	1	2	2	2	2
	CO2	3	3	3	3	2	1	-	1	2	2	2	2
	CO3	3	3	3	3	2	1	-	1	2	2	2	2
	CO4	3	3	3	3	2	1	-	1	2	2	2	2
	CO5	3	3	3	3	3	1	1	1	2	3	2	2
	CO6	3	3	3	3	3	1	1	1	2	3	2	2
	AVERAGE	3.00	2.83	3.00	3.00	2.33	1.00	1.00	1.00	2.00	2.33	2.00	2.00
Average =sum/ number of entry													

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	3	2
	CO2	3	3	2
	CO3	3	3	2
	CO4	3	3	2
	CO5	3	3	2
	CO6	3	3	2
	AVERAGE	3.00	3.00	2.00

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.

Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.

Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's						Univ. Exam	Course Outcome Attainment with target in %						
					PCA1			PCA2				CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					15	15	10	15	15	10								
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	15	14	9	14	15	9	55	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	13	13	8	12	13	8	58	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	12	13	9	12	12	8	57	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	14	15	9	15	14	9	55	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	14	15	10	14	15	9	53	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	15	14	9	14	14	8	60	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	13	13	8	12	13	8	60	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	15	15	10	14	15	9	60	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	12	12	8	13	12	8	58	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	12	12	8	12	12	7	60	1	1	1	1	1	0	1
11	IT2017/052	11700217018	SUBHANGEE	80%	12	13	9	12	13	8	60	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	15	14	9	15	14	9	52	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	12	13	8	12	13	8	60	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	15	14	10	14	15	9	60	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	14	15	10	15	14	9	60	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	15	15	9	14	15	9	55	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	15	14	9	15	14	8	55	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	12	13	8	12	12	8	60	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	14	15	9	14	15	9	60	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	14	15	8	15	14	8	55	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE	80%	13	12	8	12	13	8	60	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI	80%	14	15	9	15	14	9	60	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA	80%	15	14	9	14	15	9	57	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY	80%	14	15	10	15	14	9	60	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	15	14	10	14	15	9	56	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	15	15	9	15	14	10	60	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	12	12	8	13	12	8	60	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW	80%	12	13	8	12	13	8	60	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	13	11	8	12	12	7	60	1	0	1	1	1	0	1
30	IT2017/056	11700217038	SIDHU KUMAR	80%	14	15	9	15	14	9	55	1	1	1	1	1	1	1
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	14	13	8	14	15	9	60	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	15	14	9	14	14	9	60	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	15	14	9	15	14	9	55	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM	80%	15	15	10	15	15	10	54	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	15	14	8	14	15	10	55	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR	80%	13	12	9	12	12	8	58	1	1	1	1	1	1	1
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	13	15	8	15	14	9	60	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE	80%	14	15	9	14	15	9	55	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW	80%	12	12	9	12	12	8	60	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	80%	12	11	8	11	12	6	60	1	0	1	0	1	0	1
41	IT2017/065	11700217049	SAIMANTI LAHA	80%	15	15	9	15	14	9	55	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH	80%	15	14	10	15	14	10	60	1	1	1	1	1	1	1
43	IT2017/017	11700217051	ROHAN SHAH	80%	15	15	9	14	14	9	58	1	1	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY	80%	15	14	9	15	14	9	60	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE	80%	12	11	8	12	12	8	58	1	0	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI	80%	14	15	9	14	14	9	60	1	1	1	1	1	1	1
47	IT2017/002	11700217055	RIYA KIRTANIA	80%	12	14	9	13	12	9	60	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA	80%	12	13	8	11	12	8	60	1	1	1	0	1	1	1
49	IT2017/022	11700217057	RIJA DEY	80%	12	13	8	12	12	9	60	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA	80%	14	15	9	14	14	10	55	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL	80%	12	13	8	12	12	8	60	1	1	1	1	1	1	1
52	IT2017/043	11700217060	RAVI KUMAR	80%	12	11	8	12	13	9	60	1	0	1	1	1	1	1
53	IT2017/070	11700217061	RAUNAK GUPTA	80%	12	12	8	13	12	8	60	1	1	1	1	1	1	1
54	IT2017/107	11700217062	RAKESH KUMAR	80%	13	13	8	13	12	8	60	1	1	1	1	1	1	1
55	IT2017/016	11700217063	RAJAT BISWAS	80%	14	15	10	15	14	10	55	1	1	1	1	1	1	1
56	IT2017/046	11700217064	PRIYANSHU JHA	80%	14	15	9	14	14	9	60	1	1	1	1	1	1	1
57	IT2017/114	11700217065	PRIYA SINHA	80%	13	12	8	11	12	9	60	1	1	1	0	1	1	1
58	IT2017/049	11700217066	PREETAM GHOSH	80%	15	14	9	15	14	10	60	1	1	1	1	1	1	1
59	IT2017/118	11700217067	PRATYAY RUDRA	80%	12	12	8	12	13	8	60	1	1	1	1	1	1	1
60	IT2017/048	11700217068	PRASHANT KUMAR	80%	13	12	8	13	11	7	60	1	1	1	1	0	0	1



61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYA
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

14	15	9	14	15	9	60	1	1	1	1	1	1	1
15	14	9	15	15	9	60	1	1	1	1	1	1	1
14	15	9	15	14	9	54	1	1	1	1	1	1	1
14	15	10	14	15	9	60	1	1	1	1	1	1	1
12	12	7	11	10	7	56	1	1	0	0	0	0	1
12	10	7	12	10	6	60	1	0	0	1	0	0	1
11	12	8	12	11	7	60	0	1	1	1	0	0	1
12	12	8	12	13	9	58	1	1	1	1	1	1	1
12	13	9	12	13	8	60	1	1	1	1	1	1	1
15	14	9	15	14	9	57	1	1	1	1	1	1	1
12	13	8	13	13	8	60	1	1	1	1	1	1	1
14	15	9	14	15	8	55	1	1	1	1	1	1	1
14	15	9	14	15	10	60	1	1	1	1	1	1	1
14	15	9	14	14	9	56	1	1	1	1	1	1	1
15	15	9	14	15	9	55	1	1	1	1	1	1	1
14	15	9	14	14	10	55	1	1	1	1	1	1	1
14	15	9	14	14	9	60	1	1	1	1	1	1	1
13	10	8	13	12	7	60	1	0	1	1	1	1	1
15	14	10	15	14	9	60	1	1	1	1	1	1	1
14	15	10	13	14	9	59	1	1	1	1	1	1	1
15	14	9	14	15	9	60	1	1	1	1	1	1	1
12	13	8	13	12	9	60	1	1	1	1	1	1	1
14	15	10	15	14	9	60	1	1	1	1	1	1	1
12	12	9	13	12	9	58	1	1	1	1	1	1	1
12	13	8	13	13	8	60	1	1	1	1	1	1	1
12	11	8	12	10	7	60	1	0	1	1	0	0	1
14	15	9	14	15	9	52	1	1	1	1	1	1	1
12	13	9	13	12	8	60	1	1	1	1	1	1	1
12	13	8	12	12	9	57	1	1	1	1	1	1	1
12	12	8	13	13	8	60	1	1	1	1	1	1	1
12	12	9	14	13	8	60	1	1	1	1	1	1	1
15	13	9	15	13	9	55	1	1	1	1	1	1	1
14	15	8	13	12	8	60	1	1	1	1	1	1	1
12	12	8	12	13	9	60	1	1	1	1	1	1	1
13	12	9	13	13	8	60	1	1	1	1	1	1	1
12	13	8	13	12	9	60	1	1	1	1	1	1	1
13	12	9	13	13	8	60	1	1	1	1	1	1	1
12	12	8	12	13	9	56	1	1	1	1	1	1	1
12	12	8	12	13	8	60	1	1	1	1	1	1	1
13	12	8	13	13	8	57	1	1	1	1	1	1	1
12	12	8	12	13	9	60	1	1	1	1	1	1	1
12	12	8	13	13	8	58	1	1	1	1	1	1	1
15	14	9	14	15	9	60	1	1	1	1	1	1	1
13	13	8	12	13	8	60	1	1	1	1	1	1	1
12	13	9	12	12	8	58	1	1	1	1	1	1	1
14	15	9	15	14	9	55	1	1	1	1	1	1	1
14	15	10	14	15	9	55	1	1	1	1	1	1	1
15	14	9	14	14	8	60	1	1	1	1	1	1	1
13	13	8	12	13	8	60	1	1	1	1	1	1	1
15	15	10	14	15	9	58	1	1	1	1	1	1	1
12	12	8	13	12	8	60	1	1	1	1	1	1	1
12	12	8	12	12	7	60	1	1	1	1	1	0	1
12	13	9	12	13	8	57	1	1	1	1	1	1	1
15	14	9	15	14	9	55	1	1	1	1	1	1	1
12	13	8	12	13	8	60	1	1	1	1	1	1	1
15	14	10	14	15	9	56	1	1	1	1	1	1	1
14	15	10	15	14	9	56	1	1	1	1	1	1	1
15	15	9	14	15	9	56	1	1	1	1	1	1	1
15	14	9	15	14	8	55	1	1	1	1	1	1	1
12	13	8	12	12	8	60	1	1	1	1	1	1	1
14	15	9	14	15	9	55	1	1	1	1	1	1	1
14	15	8	15	14	8	60	1	1	1	1	1	1	1

1	121	115	120	118	117	113	122
0	1	7	2	4	5	9	0
CO attn	0.99	0.94	0.98	0.97	0.96	0.93	1.00

Avg Attn	0.96
Attn Level	3

Avg Attn	1.00
Attn Level	3



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											3		
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.83	3.00	3.00	2.33	1.00	1.00	1.00	2.00	2.33	2.00	2.00	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	2.83	3.00	3.00	2.33	1.00	1.00	1.00	2.00	2.33	2.00	2.00	2.13

PSO attainment vale = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	3.00	2.00	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	3.00	3.00	2.00	2.67

Mapping of CO with PO and PSO of Industrial Training (Paper code: IT794)												
Enter correlation levels 1, 2 or 3 as defined below : 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)												

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	2	2	2	2	1	-	-	-	-	2	2
	CO2	3	3	3	2	2	-	-	-	-	-	2	2
	CO3	2	-	3	2	3	-	-	-	-	-	2	2
	CO4	2	-	-	-	2	3	2	-	-	-	-	2
	CO5	-	-	-	-	-	-	-	-	3	-	2	2
	CO6	1	2	2	3	2	-	-	-	-	-	2	2
	AVERAGE	2.00	2.33	2.50	2.25	2.20	2.00	2.00	0	3.00	0	2.00	2.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	1	1
	CO2	2	3	1
	CO3	2	2	-
	CO4	-	1	-
	CO5	1	2	-
	CO6	1	2	2
	AVERAGE	1.40	1.83	1.33

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Course Outcomes	ALL PCA's UNIV Exam						Course Outcome Attainment with target in %						CO Attainment in Continuous assesment	
					CO1	CO2	CO3	CO4	CO5	CO6	CO1	CO2	CO3	CO4	CO5	CO6		
					20	20	20	10	15	15	80%	80%	80%	80%	80%	80%		
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		19	18	19	9	15	14	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		20	19	20	9	15	15	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		17	16	17	8	13	11	1	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY		20	19	20	9	15	13	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		20	19	20	9	15	15	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN		17	16	17	8	13	12	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL		20	19	20	9	15	15	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		20	19	20	9	15	14	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		20	19	20	9	15	15	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		20	19	20	9	15	13	1	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		18	18	18	9	14	13	1	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		20	19	20	9	15	15	1	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		18	17	18	8	14	13	1	1	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA		17	16	17	8	13	12	1	1	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY		20	19	20	9	15	15	1	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		20	19	20	9	15	15	1	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		19	18	19	9	14	14	1	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		17	16	17	8	13	10	1	1	1	1	1	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA		17	16	17	8	13	11	1	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		20	19	20	9	15	15	1	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		20	19	20	9	15	15	1	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI		18	17	18	8	14	13	1	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		17	16	17	8	13	11	1	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY		19	18	19	9	14	13	1	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		18	17	18	8	14	14	1	1	1	1	1	1	1	1



26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/117	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA

20	19	20	9	15	14	1	1	1	1	1	1	1
18	17	18	8	14	14	1	1	1	1	1	1	1
17	16	17	8	13	11	1	1	1	1	1	1	1
19	18	19	9	14	14	1	1	1	1	1	1	1
20	19	20	9	15	15	1	1	1	1	1	1	1
19	19	19	9	15	14	1	1	1	1	1	1	1
19	19	19	9	15	14	1	1	1	1	1	1	1
18	17	18	8	13	12	1	1	1	1	1	1	1
17	16	17	8	13	13	1	1	1	1	1	1	1
20	19	20	9	15	15	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
20	19	20	9	15	15	1	1	1	1	1	1	1
19	19	19	9	15	14	1	1	1	1	1	1	1
18	17	18	8	13	12	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
19	19	19	9	15	14	1	1	1	1	1	1	1
18	17	18	8	13	12	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
19	18	19	9	14	14	1	1	1	1	1	1	1
17	16	17	8	13	13	1	1	1	1	1	1	1
17	16	17	8	13	13	1	1	1	1	1	1	1
18	18	18	9	14	13	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
17	17	17	8	13	13	1	1	1	1	1	1	1
17	16	17	8	13	10	1	1	1	1	1	1	1
19	18	19	9	14	14	1	1	1	1	1	1	1
17	16	17	8	13	10	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
18	18	18	9	14	13	1	1	1	1	1	1	1
19	18	19	9	14	13	1	1	1	1	1	1	1
19	18	19	9	14	14	1	1	1	1	1	1	1
19	18	19	9	14	12	1	1	1	1	1	1	1
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19	18	19	9	15	14	1	1	1	1	1	1	1
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19	18	19	9	15	15	1	1	1	1	1	1	1
17	16	17	8	13	10	1	1	1	1	1	1	1
19	18	19	9	14	14	1	1	1	1	1	1	1
19	18	19	9	14	14	1	1	1	1	1	1	1
16	16	16	8	12	12	1	1	1	1	1	1	1
17	16	17	8	13	13	1	1	1	1	1	1	1
18	17	18	8	14	12	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
16	16	16	8	12	12	1	1	1	1	1	1	1
18	17	18	8	14	14	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
19	18	19	9	14	12	1	1	1	1	1	1	1
17	16	17	8	13	10	1	1	1	1	1	1	1
19	19	19	9	15	14	1	1	1	1	1	1	1
17	17	17	8	13	13	1	1	1	1	1	1	1
18	18	18	9	14	13	1	1	1	1	1	1	1
18	17	18	8	14	13	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
20	19	20	9	15	14	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
17	16	17	8	13	13	1	1	1	1	1	1	1
17	16	17	8	13	10	1	1	1	1	1	1	1
18	18	18	9	14	13	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
20	19	20	9	15	14	1	1	1	1	1	1	1
19	18	19	9	14	14	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
18	17	18	8	14	13	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
20	19	20	9	15	14	1	1	1	1	1	1	1
19	18	19	9	14	14	1	1	1	1	1	1	1
18	17	18	8	14	13	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1
20	19	20	9	15	15	1	1	1	1	1	1	1



106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

17	16	17	8	13	10	1	1	1	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1	1	1	1
18	17	18	8	14	14	1	1	1	1	1	1	1	1	1	1
18	18	18	9	14	13	1	1	1	1	1	1	1	1	1	1
18	17	18	8	14	13	1	1	1	1	1	1	1	1	1	1
19	19	19	9	15	14	1	1	1	1	1	1	1	1	1	1
17	16	17	8	13	12	1	1	1	1	1	1	1	1	1	1
17	17	17	8	13	13	1	1	1	1	1	1	1	1	1	1
19	18	19	9	14	13	1	1	1	1	1	1	1	1	1	1
19	18	19	9	14	14	1	1	1	1	1	1	1	1	1	1
18	17	18	8	14	12	1	1	1	1	1	1	1	1	1	1
19	18	19	9	15	14	1	1	1	1	1	1	1	1	1	1
17	17	17	8	13	13	1	1	1	1	1	1	1	1	1	1
20	19	20	9	15	15	1	1	1	1	1	1	1	1	1	1
17	17	17	8	13	13	1	1	1	1	1	1	1	1	1	1
16	16	16	8	12	12	1	1	1	1	1	1	1	1	1	1
20	19	20	9	15	13	1	1	1	1	1	1	1	1	1	1

1	122	122	122	122	122	122	122
0	0	0	0	0	0	0	0
CO attn	1.00	1.00	1.00	1.00	1.00	1.00	1

Avg Attn	1.00
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level											3		
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.00	2.33	2.50	2.25	2.20	2.00	2.00	0	3.00	0	2.00	2.00	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	2.00	2.33	2.50	2.25	2.20	2.00	2.00	0.00	3.00	0.00	2.00	2.00	1.86

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.40	1.83	1.33	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	1.40	1.83	1.33	1.52

Mapping of CO with PO and PSO of Project-1 (Paper code: IT795)

Enter correlation levels 1, 2 or 3 as defined below :

1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	3	3	3	3	3	3	-	-	-	2	2
	CO2	2	3	3	3	1	2	3	-	-	-	-	2
	CO3	2	2	-	2	3	-	-	-	-	-	-	2
	CO4	2	2	-	2	3	-	-	2	3	3	-	-
	CO5	1	1	1	2	-	2	2	2	2	1	2	-
	CO6	1	-	3	-	2	-	-	-	-	-	3	-
	AVERAGE	2.00	2.50	3.00	2.50	2.50	2.50	3.00	2.00	3.00	3.00	2.00	2.00

Average = Sum/ Number of entries

Table 2	TABLE2:	PSO1	PSO2	PSO3
	CO1	2	3	3
	CO2	1	3	3
	CO3	3	1	2
	CO4	2	2	-
	CO5	1	2	2
	CO6	1	-	2
	AVERAGE	1.67	2.20	2.40

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.

Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.

Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Course Outcomes	ALL CA						External Assessment (40)	Course Outcome Attainment with target in %							
					Internal Continuous Assessment (60)							40	CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					Continuous Assesment-1 (30)			Continuous Assesment-2 (30)											
					CO1	CO2	CO3	CO4	CO5	CO6									
Target Level				80%						80%									
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		8	9	10	8	8	8	34	1	1	1	1	1	1	1	
2	IT2017/121	11700217008	SUVAM PATRA		9	8	10	8	9	9	32	1	1	1	1	1	1	1	
3	IT2017/089	11700217009	SUSNATA DAS		8	8	9	8	8	9	35	1	1	1	1	1	1	1	
4	IT2017/015	11700217010	SURYAPRATIM RAY		8	9	9	9	8	9	33	1	1	1	1	1	1	1	
5	IT2017/054	11700217012	SUPRATIM DAS		9	8	10	8	8	9	33	1	1	1	1	1	1	1	
6	IT2017/053	11700217013	SUMEDHA SEN		9	9	10	9	10	9	39	1	1	1	1	1	1	1	
7	IT2017/039	11700217014	SUMAN KAYAL		9	9	9	9	8	8	33	1	1	1	1	1	1	1	
8	IT2017/067	11700217015	SUKANYA SAHA		8	8	9	8	8	9	35	1	1	1	1	1	1	1	
9	IT2017/081	11700217016	SUBHASHRI DAS		9	9	9	8	8	9	33	1	1	1	1	1	1	1	
10	IT2017/117	11700217017	SUBHANKAR NATH		9	8	10	8	9	9	32	1	1	1	1	1	1	1	
11	IT2017/052	11700217018	SUBHANGEE		9	9	9	8	9	8	33	1	1	1	1	1	1	1	
12	IT2017/021	11700217019	SUBARNA SARKAR		9	8	10	9	8	8	33	1	1	1	1	1	1	1	
13	IT2017/038	11700217020	SRIPARNA GIRI		9	8	10	8	9	8	33	1	1	1	1	1	1	1	
14	IT2017/011	11700217021	SRIJAYEE SAHA		9	8	9	8	9	8	34	1	1	1	1	1	1	1	
15	IT2017/094	11700217022	SRIJANI ROY		8	9	9	8	8	9	34	1	1	1	1	1	1	1	
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	9	9	9	9	9	31	1	1	1	1	1	1	0	
17	IT2017/012	11700217024	SOURAV SHAW		9	9	10	9	8	9	31	1	1	1	1	1	1	0	
18	IT2017/075	11700217025	SOURAV SARKAR		9	8	9	8	8	9	34	1	1	1	1	1	1	1	
19	IT2017/064	11700217026	SOURAV SAMANTA		9	8	9	8	9	9	33	1	1	1	1	1	1	1	
20	IT2017/069	11700217027	SOURAV JAISWAL		9	9	10	9	8	9	31	1	1	1	1	1	1	0	
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		7	8	9	8	7	7	29	0	1	1	1	0	0	0	
22	IT2017/063	11700217030	SONALI		9	9	10	9	8	9	31	1	1	1	1	1	1	0	
23	IT2017/109	11700217031	SOMENATH RANA		6	7	7	7	6	7	25	0	0	0	0	0	0	0	
24	IT2017/045	11700217032	SOHAM ROY		9	10	10	10	10	9	37	1	1	1	1	1	1	1	
25	IT2017/079	11700217033	SOHAM BANERJEE		9	8	9	9	8	9	33	1	1	1	1	1	1	1	
26	IT2017/044	11700217034	SNEHA DEEP		8	8	10	8	9	8	34	1	1	1	1	1	1	1	
27	IT2017/083	11700217035	SK ISHAN ALI		9	8	9	9	8	8	34	1	1	1	1	1	1	1	
28	IT2017/031	11700217036	SIMRAN SHAW		9	9	10	8	8	9	32	1	1	1	1	1	1	1	
29	IT2017/023	11700217037	SIMANTINI GHOSH		8	8	10	9	9	9	32	1	1	1	1	1	1	1	
30	IT2017/056	11700217038	SIDHU KUMAR		8	9	9	8	9	8	34	1	1	1	1	1	1	1	
31	IT2017/050	11700217039	SHREYA SENGUPTA		9	9	9	9	8	8	33	1	1	1	1	1	1	1	
32	IT2017/035	11700217040	SHIVANI KUMARI		8	8	10	9	9	8	33	1	1	1	1	1	1	1	
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		8	9	10	8	9	9	32	1	1	1	1	1	1	1	
34	IT2017/099	11700217042	SHIVAM		9	9	10	8	9	8	32	1	1	1	1	1	1	1	
35	IT2017/097	11700217043	SHEIKH TABISH		9	8	9	8	8	8	35	1	1	1	1	1	1	1	
36	IT2017/072	11700217044	SAYED AKHTAR		9	9	10	8	9	9	31	1	1	1	1	1	1	0	
37	IT2017/009	11700217045	SAYANTAN BISWAS		7	8	8	7	7	7	31	0	1	1	0	0	0	0	
38	IT2017/098	11700217046	SAYAN MUKHERJEE		8	9	10	8	8	9	33	1	1	1	1	1	1	1	
39	IT2017/032	11700217047	SALINE SHAW		9	8	9	9	8	9	33	1	1	1	1	1	1	1	
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		9	9	9	9	9	8	32	1	1	1	1	1	1	1	
41	IT2017/065	11700217049	SAIMANTI LAHA		8	8	10	9	8	9	33	1	1	1	1	1	1	1	
42	IT2017/105	11700217050	SAHIL PRAKASH		9	8	9	9	8	9	33	1	1	1	1	1	1	1	
43	IT2017/017	11700217051	ROHAN SHAH		9	9	9	8	9	9	32	1	1	1	1	1	1	1	
44	IT2017/058	11700217052	KOHAN KUMAR KOY		9	9	10	9	8	8	32	1	1	1	1	1	1	1	
45	IT2017/010	11700217053	ROHAN BANERJEE		9	9	10	9	8	8	32	1	1	1	1	1	1	1	
46	IT2017/030	11700217054	RIZWAN ANSARI		9	9	9	9	9	9	31	1	1	1	1	1	1	0	
47	IT2017/002	11700217055	RIYA KIRTANIA		9	10	10	10	10	9	37	1	1	1	1	1	1	1	
48	IT2017/110	11700217056	RITAYAN DHARA		8	8	10	9	8	9	33	1	1	1	1	1	1	1	
49	IT2017/022	11700217057	RIJA DEY		9	10	10	9	9	10	38	1	1	1	1	1	1	1	
50	IT2017/040	11700217058	REEMA HAZRA		10	9	10	9	10	10	37	1	1	1	1	1	1	1	
51	IT2017/123	11700217059	RAYA PAUL		7	7	9	8	7	7	30	0	0	1	1	0	0	0	
52	IT2017/043	11700217060	RAVI KUMAR		8	8	10	9	9	8	33	1	1	1	1	1	1	1	
53	IT2017/070	11700217061	RAUNAK GUPTA		8	8	9	9	9	8	34	1	1	1	1	1	1	1	
54	IT2017/107	11700217062	RAKESH KUMAR		7	8	9	7	8	8	28	0	1	1	0	1	1	0	
55	IT2017/016	11700217063	RAJAT BISWAS		8	9	9	8	8	9	34	1	1	1	1	1	1	1	
56	IT2017/046	11700217064	PRIYANSHU JHA		9	8	9	9	9	8	33	1	1	1	1	1	1	1	
57	IT2017/114	11700217065	PRIYA SINHA		9	8	10	9	8	8	33	1	1	1	1	1	1	1	
58	IT2017/049	11700217066	PREETAM GHOSH		8	8	9	8	9	9	34	1	1	1	1	1	1	1	
59	IT2017/118	11700217067	PRATYAY RUDRA		8	9	10	8	9	8	33	1	1	1	1	1	1	1	
60	IT2017/048	11700217068	PRASHANT KUMAR		8	9	9	8	9	8	34	1	1	1	1	1	1	1	



61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/073	11700217093	GOURAV BHATTACHARJEE
85	IT2017/036	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

8	9	9	8	9	9	33	1	1	1	1	1	1	1	1
9	9	10	8	8	8	33	1	1	1	1	1	1	1	1
9	8	10	9	9	8	32	1	1	1	1	1	1	1	1
9	9	9	9	9	9	31	1	1	1	1	1	1	1	0
8	9	10	8	9	8	33	1	1	1	1	1	1	1	1
8	9	10	9	9	9	31	1	1	1	1	1	1	1	0
9	8	9	9	8	9	33	1	1	1	1	1	1	1	1
8	8	9	9	9	8	34	1	1	1	1	1	1	1	1
9	9	9	8	8	9	33	1	1	1	1	1	1	1	1
8	9	9	9	8	9	33	1	1	1	1	1	1	1	1
7	8	8	7	7	7	31	0	1	1	0	0	0	0	0
8	8	9	9	9	9	33	1	1	1	1	1	1	1	1
8	9	9	9	9	9	32	1	1	1	1	1	1	1	1
8	9	9	8	9	9	33	1	1	1	1	1	1	1	1
8	8	10	8	9	9	33	1	1	1	1	1	1	1	1
8	8	8	7	7	8	29	1	1	1	0	0	1	1	0
8	8	9	7	7	7	29	1	1	1	0	0	0	0	0
9	8	9	8	9	9	33	1	1	1	1	1	1	1	1
8	9	10	8	9	9	32	1	1	1	1	1	1	1	1
9	9	9	9	8	9	32	1	1	1	1	1	1	1	1
8	8	9	9	9	9	33	1	1	1	1	1	1	1	1
8	9	10	8	9	9	32	1	1	1	1	1	1	1	1
8	9	9	8	9	9	33	1	1	1	1	1	1	1	1
9	9	10	9	8	8	32	1	1	1	1	1	1	1	1
8	9	10	9	8	8	33	1	1	1	1	1	1	1	1
8	8	8	8	7	8	28	1	1	1	1	0	1	1	0
9	9	9	8	9	9	32	1	1	1	1	1	1	1	1
9	9	9	8	9	8	33	1	1	1	1	1	1	1	1
8	9	10	9	8	9	32	1	1	1	1	1	1	1	1
8	8	10	9	8	8	34	1	1	1	1	1	1	1	1
8	7	9	7	8	7	29	1	0	1	0	1	0	0	0
8	9	10	8	9	9	32	1	1	1	1	1	1	1	1
9	8	9	9	9	9	32	1	1	1	1	1	1	1	1
9	9	10	9	9	10	39	1	1	1	1	1	1	1	1
9	10	10	10	9	10	37	1	1	1	1	1	1	1	1
10	9	10	10	9	9	38	1	1	1	1	1	1	1	1
8	8	9	9	9	8	34	1	1	1	1	1	1	1	1
9	8	10	8	9	8	33	1	1	1	1	1	1	1	1
9	8	10	8	9	8	33	1	1	1	1	1	1	1	1
10	9	10	10	9	9	38	1	1	1	1	1	1	1	1
8	9	9	9	8	9	33	1	1	1	1	1	1	1	1
9	8	9	8	9	9	33	1	1	1	1	1	1	1	1
8	8	9	7	7	7	29	1	1	1	0	0	0	0	0
8	7	9	8	8	8	27	1	0	1	1	1	1	1	0
8	8	9	9	9	8	34	1	1	1	1	1	1	1	1
8	9	10	9	8	9	32	1	1	1	1	1	1	1	1
9	9	10	9	9	8	31	1	1	1	1	1	1	1	0
9	9	9	8	8	8	34	1	1	1	1	1	1	1	1
8	8	10	9	9	8	33	1	1	1	1	1	1	1	1
8	8	9	8	9	9	34	1	1	1	1	1	1	1	1
8	9	9	8	9	8	34	1	1	1	1	1	1	1	1
8	7	9	7	8	8	28	1	0	1	0	1	1	1	0
8	9	10	9	9	8	32	1	1	1	1	1	1	1	1
10	10	10	10	10	10	35	1	1	1	1	1	1	1	1
8	8	9	8	7	8	27	1	1	1	1	0	1	1	0
7	8	8	8	7	7	30	0	1	1	1	0	0	0	0
9	8	10	8	9	9	32	1	1	1	1	1	1	1	1
9	8	9	9	9	9	32	1	1	1	1	1	1	1	1
9	9	10	8	8	8	33	1	1	1	1	1	1	1	1
9	9	9	8	9	8	33	1	1	1	1	1	1	1	1
8	7	9	8	8	7	32	1	0	1	1	1	1	0	1
8	8	10	9	8	8	34	1	1	1	1	1	1	1	1

1	115	116	121	113	111	112	98
0	7	6	1	9	11	10	24
CO attn	0.94	0.95	0.99	0.93	0.91	0.92	0.80
Avg Attn	0.94						
Attn Lvl	3						
Avg Attn	0.80						
Attn Lvl	3						



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in internal continuous assessment + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level										3			
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.00	2.50	3.00	2.50	2.50	2.50	3.00	2.00	3.00	3.00	2.00	2.00	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	2.00	2.50	3.00	2.50	2.50	2.50	3.00	2.00	3.00	3.00	2.00	2.00	2.50

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	1.67	2.20	2.40	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	1.67	2.20	2.40	2.09



Attainment Details of Semester VIII



Mapping of CO with PO and PSO of Organisational Behaviour (Paper code: HU801A)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	-	-	-	-	-	3	-	-	2	-	3	-
	CO2	-	-	-	-	-	3	-	-	2	-	3	-
	CO3	-	-	-	-	-	3	-	-	2	-	3	-
	CO4	-	-	-	-	-	3	-	-	2	-	3	-
	CO5	-	-	-	-	-	3	-	-	2	-	3	-
	CO6	-	-	-	-	-	3	-	-	2	-	3	-
	AVERAGE	0	0	0	0	0	3.00	0	0	2.00	0	3.00	0

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	-	1	-
	CO2	-	2	-
	CO3	-	1	-
	CO4	-	2	-
	CO5	-	2	-
	CO6	-	2	-
	AVERAGE	0	1.67	0

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's												Univ. Exam	CO Attainment in Univ Exam
					Course Outcomes						Course Outcome Attainment with target in %							
					CA1/CA2/CA3/CA4						CO1	CO2	CO3	CO4	CO5	CO6		
					10	15	25	15	10	25	100	CO1	CO2	CO3	CO4	CO5		
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	8	13	21	12	8	20	75	1	1	1	1	1	1	0
2	IT2017/121	11700217008	SUVAM PATRA	80%	7	13	20	11	8	20	75	0	1	1	0	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	8	11	20	13	7	20	75	1	0	1	1	0	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	10	12	23	13	9	24	85	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	10	11	22	12	9	21	85	1	0	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	8	13	21	13	9	22	85	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	7	13	21	13	7	22	85	0	1	1	1	0	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	9	14	23	15	8	20	75	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	10	13	24	14	9	23	75	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	10	12	21	12	10	24	75	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE	80%	10	13	23	14	9	24	85	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	9	14	23	13	10	23	75	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	6	14	20	12	8	20	75	0	1	1	1	1	1	1
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	7	13	25	12	8	20	75	0	1	1	1	1	1	1
15	IT2017/094	11700217022	SRIJANI ROY	80%	10	13	24	14	9	23	75	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	9	14	23	11	10	24	75	1	1	1	0	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW	80%	10	13	24	15	9	23	75	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR	80%	5	13	20	11	8	21	75	0	1	1	0	1	1	1
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	8	5	10	10	9	8	75	1	0	0	0	1	0	1
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	9	13	22	14	8	23	85	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUAMYADEEP MUKHERJEE	80%	9	12	20	13	7	21	55	1	1	1	1	0	1	0
22	IT2017/063	11700217030	SONALI	80%	9	15	23	15	9	24	75	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA	80%	3	14	18	13	9	20	75	0	1	0	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY	80%	10	14	23	14	10	24	85	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	7	10	15	8	8	18	75	0	0	0	0	1	0	1
26	IT2017/044	11700217034	SNEHA DEEP	80%	10	13	23	13	8	23	85	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI	80%	9	15	21	13	8	24	85	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW	80%	8	13	22	14	9	22	75	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	9	8	22	12	8	15	75	1	0	1	1	1	0	1
30	IT2017/056	11700217038	SIDHU KUMAR	80%	5	5	12	14	8	10	75	0	0	0	1	1	0	1
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	9	14	23	13	10	24	85	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	8	13	20	13	8	15	75	1	1	1	1	1	0	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	3	13	14	13	8	20	75	0	1	0	1	1	1	1
34	IT2017/099	11700217042	SHIVAM	80%	8	8	20	12	7	13	75	1	0	1	1	0	0	1
35	IT2017/097	11700217043	SHEIKH TABISH	80%	8	9	20	19	8	22	75	1	0	1	1	1	1	1



36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SALMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RHA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA

9	13	22	12	9	20	75	1	1	1	1	1	1	1	1
9	14	23	13	10	24	75	1	1	1	1	1	1	1	1
8	13	20	13	8	15	75	1	1	1	1	1	0	1	1
5	13	14	13	8	20	75	0	1	0	1	1	1	1	1
8	11	20	13	8	21	75	1	0	1	1	1	1	1	1
9	8	22	12	8	15	85	1	0	1	1	1	1	0	1
8	5	12	14	8	10	75	1	0	0	1	1	0	1	1
9	14	23	13	10	24	85	1	1	1	1	1	1	1	1
9	13	22	13	9	22	75	1	1	1	1	1	1	1	1
8	13	14	13	8	20	75	1	1	0	1	1	1	1	1
8	8	20	12	7	13	75	1	0	1	1	0	0	1	1
8	9	20	19	8	22	85	1	0	1	1	1	1	1	1
8	13	23	14	9	23	85	1	1	1	1	1	1	1	1
10	13	24	14	9	23	85	1	1	1	1	1	1	1	1
10	12	21	12	10	24	85	1	1	1	1	1	1	1	1
10	13	23	14	9	24	75	1	1	1	1	1	1	1	1
9	14	23	13	10	23	75	1	1	1	1	1	1	1	1
6	14	20	12	8	20	75	0	1	1	1	1	1	1	1
7	13	25	12	8	20	75	0	1	1	1	1	1	1	1
10	13	24	14	9	23	75	1	1	1	1	1	1	1	1
9	14	23	13	10	24	85	1	1	1	1	1	1	1	1
10	13	24	15	9	23	75	1	1	1	1	1	1	1	1
8	5	9	10	8	11	20	1	0	0	0	1	0	0	0
8	5	10	13	9	20	75	1	0	0	1	1	1	1	1
9	12	21	12	9	22	75	1	1	1	1	1	1	1	1
8	13	14	13	8	20	75	1	1	0	1	1	1	1	1
8	13	20	12	7	22	75	1	1	1	1	0	1	1	1
8	9	20	19	8	22	75	1	0	1	1	1	1	1	1
8	13	23	14	9	23	75	1	1	1	1	1	1	1	1
10	13	24	14	9	23	85	1	1	1	1	1	1	1	1
10	12	21	12	10	24	75	1	1	1	1	1	1	1	1
10	13	23	14	9	24	75	1	1	1	1	1	1	1	1
9	14	23	13	10	23	75	1	1	1	1	1	1	1	1
6	14	20	12	8	20	75	0	1	1	1	1	1	1	1
7	13	25	12	8	20	75	0	1	1	1	1	1	1	1
10	13	24	14	9	23	75	1	1	1	1	1	1	1	1
9	11	20	12	9	20	75	1	0	1	1	1	1	1	1
9	12	22	13	9	23	75	1	1	1	1	1	1	1	1
9	11	20	12	9	21	75	1	0	1	1	1	1	1	1
8	13	22	13	10	22	75	1	1	1	1	1	1	1	1
9	14	23	13	10	23	75	1	1	1	1	1	1	1	1
8	9	20	19	8	22	75	1	0	1	1	1	1	1	1
8	13	23	14	9	23	85	1	1	1	1	1	1	1	1
10	13	24	14	9	23	75	1	1	1	1	1	1	1	1
5	12	21	12	10	24	85	0	1	1	1	1	1	1	1
5	13	23	14	9	24	75	0	1	1	1	1	1	1	1
3	8	8	13	0	14	75	0	0	0	1	0	0	1	1
0	13	8	12	5	11	75	0	1	0	1	0	0	1	1
5	13	13	13	0	16	85	0	1	0	1	0	0	1	1
8	12	20	11	9	20	75	1	1	1	0	1	1	1	1
5	13	12	8	5	17	85	0	1	0	0	0	0	1	1
9	11	22	13	9	23	75	1	0	1	1	1	1	1	1
10	13	20	13	8	21	75	1	1	1	1	1	1	1	1
9	11	20	13	7	22	85	1	0	1	1	0	1	1	1
7	13	20	12	9	20	75	0	1	1	1	1	1	1	1
9	11	22	14	8	23	75	1	0	1	1	1	1	1	1
10	12	23	14	7	22	75	1	1	1	1	0	1	1	1
10	12	22	14	8	22	85	1	1	1	1	1	1	1	1
9	12	23	14	7	20	85	1	1	1	1	0	1	1	1
9	14	23	13	8	23	85	1	1	1	1	1	1	1	1
9	8	22	12	8	15	85	1	0	1	1	1	0	1	1
9	9	12	15	8	13	85	1	0	0	1	1	0	1	1
7	11	23	7	10	24	75	0	0	1	0	1	1	1	1
10	13	24	14	9	23	75	1	1	1	1	1	1	1	1
10	12	21	12	10	24	85	1	1	1	1	1	1	1	1
10	13	23	14	9	24	75	1	1	1	1	1	1	1	1
9	14	23	13	10	23	75	1	1	1	1	1	1	1	1
6	14	20	12	8	20	75	0	1	1	1	1	1	1	1
7	13	25	12	8	20	75	0	1	1	1	1	1	1	1
10	13	24	14	9	23	75	1	1	1	1	1	1	1	1
9	11	20	12	9	20	75	1	0	1	1	1	1	1	1
9	9	12	15	8	13	85	1	0	0	1	1	0	1	1



108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

7	11	23	7	10	24	75	0	0	1	0	1	1	1	1
10	13	24	14	9	23	75	1	1	1	1	1	1	1	1
10	12	21	12	10	24	75	1	1	1	1	1	1	1	1
10	13	23	14	9	24	75	1	1	1	1	1	1	1	1
9	14	23	13	10	23	75	1	1	1	1	1	1	1	1
6	14	20	12	8	20	75	0	1	1	1	1	1	1	1
7	13	25	12	8	20	85	0	1	1	1	1	1	1	1
7	11	23	7	10	24	85	0	0	1	0	1	1	1	1
10	13	24	14	9	23	75	1	1	1	1	1	1	1	1
9	11	20	12	9	20	75	1	0	1	1	1	1	1	1
9	12	23	14	7	20	85	1	1	1	1	0	1	1	1
9	14	23	13	8	23	85	1	1	1	1	1	1	1	1
9	8	22	12	8	15	75	1	0	1	1	1	1	0	1
6	14	20	12	8	20	75	0	1	1	1	1	1	1	1
7	13	25	12	8	20	85	0	1	1	1	1	1	1	1

1	92	90	105	111	108	103	119
0	30	32	17	11	14	19	3
CO attn	0.75	0.74	0.86	0.91	0.89	0.84	0.98

Avg Attn	0.83
Attn Level	3

Avg Attn	0.9754
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												3	
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	0	0	0	0	0	3.00	0	0	2.00	0	3.00	0	
Overall (Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	2.00	0.00	3.00	0.00	0.67

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	0	1.67	0	
Overall (Direct) CO attainment level	3.00	3.00	3.00	
Attainment of PSO for this course	0.00	1.67	0.00	0.56

Mapping of CO with PO and PSO of Project Management (Paper code: HU801B)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	1	2	1	1	1	3	2	1	2	3	2	2
	CO2	3	2	2	2	3	1	3	3	3	1	1	1
	CO3	2	3	3	1	1	1	-	2	3	2	2	1
	CO4	3	1	2	3	3	2	1	3	3	2	2	3
	CO5	1	2	1	2	3	2	-	1	2	1	2	1
	CO6	3	3	2	1	2	1	-	2	2	-	2	2
	AVERAGE	2.17	2.17	1.83	1.67	2.33	1.80	2.00	2.00	2.50	1.80	1.83	1.67

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	3	1
	CO2	3	2	-
	CO3	2	3	-
	CO4	3	2	1
	CO5	3	2	1
	CO6	3	2	1
AVERAGE	2.83	2.33	1.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %						
					CA1/CA2/CA3/CA4							CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					10	15	25	15	10	25								
					80%	60%	80%											
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		9	13	22	10	9	21	71	1	1	1	0	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA		8	13	20	12	8	22	70	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS		7	13	21	13	8	21	74	0	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY		9	12	23	14	9	22	65	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS		9	12	22	12	9	21	55	1	1	1	1	1	1	0
6	IT2017/053	11700217013	SUMEDHA SEN		8	13	21	13	9	22	55	1	1	1	1	1	1	0
7	IT2017/039	11700217014	SUMAN KAYAL		7	13	21	13	7	21	68	0	1	1	1	0	1	1
8	IT2017/067	11700217015	SUKANYA SAHA		9	14	23	15	8	24	76	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS		9	14	24	14	9	23	75	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH		9	13	21	12	10	22	68	1	1	1	1	1	1	1
11	IT2017/052	11700217018	SUBHANGEE		8	13	23	14	9	24	75	1	1	1	1	1	1	1
12	IT2017/021	11700217019	SUBARNA SARKAR		9	14	23	13	10	23	72	1	1	1	1	1	1	1
13	IT2017/038	11700217020	SRIPARNA GIRI		6	14	20	12	8	20	55	0	1	1	1	1	1	0
14	IT2017/011	11700217021	SRIJAYEE SAHA		8	13	21	12	8	20	55	1	1	1	1	1	1	0
15	IT2017/109	11700217022	SRIJANI ROY		9	13	24	14	9	23	75	1	1	1	1	1	1	1
16	IT2017/120	11700217023	SREYASHI KARMAKAR		9	14	22	13	9	24	75	1	1	1	1	1	1	1
17	IT2017/012	11700217024	SOURAV SHAW		9	13	23	15	9	23	75	1	1	1	1	1	1	1
18	IT2017/075	11700217025	SOURAV SARKAR		7	14	20	14	8	21	55	0	1	1	1	1	1	0
19	IT2017/064	11700217026	SOURAV SAMANTA		9	13	24	15	9	24	75	1	1	1	1	1	1	1
20	IT2017/069	11700217027	SOURAV JAISWAL		9	13	22	14	8	23	65	1	1	1	1	1	1	1
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		9	12	20	13	8	21	65	1	1	1	1	1	1	1
22	IT2017/063	11700217030	SONALI		9	15	23	15	9	24	77	1	1	1	1	1	1	1
23	IT2017/109	11700217031	SOMENATH RANA		9	14	24	14	9	24	68	1	1	1	1	1	1	1
24	IT2017/045	11700217032	SOHAM ROY		9	14	22	14	9	24	75	1	1	1	1	1	1	1
25	IT2017/079	11700217033	SOHAM BANERJEE		9	14	22	14	8	23	85	1	1	1	1	1	1	1
26	IT2017/044	11700217034	SNEHA DEEP		9	13	23	13	8	23	65	1	1	1	1	1	1	1
27	IT2017/083	11700217035	SK ISHAN ALI		9	12	21	13	8	22	67	1	1	1	1	1	1	1
28	IT2017/031	11700217036	SIMRAN SHAW		8	13	22	14	9	23	65	1	1	1	1	1	1	1
29	IT2017/023	11700217037	SIMANTINI GHOSH		9	12	21	12	9	22	65	1	1	1	1	1	1	1
30	IT2017/056	11700217038	SIDHU KUMAR		9	12	22	14	8	22	65	1	1	1	1	1	1	1
31	IT2017/030	11700217039	SHREYA SENGUPTA		9	14	23	13	9	24	76	1	1	1	1	1	1	1
32	IT2017/035	11700217040	SHIVANI KUMARI		9	13	23	13	9	23	65	1	1	1	1	1	1	1
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		8	14	23	13	9	22	65	1	1	1	1	1	1	1
34	IT2017/099	11700217042	SHIVAM		9	13	23	14	10	23	77	1	1	1	1	1	1	1
35	IT2017/097	11700217043	SHEIKH TABISH		8	15	24	15	9	25	75	1	1	1	1	1	1	1
36	IT2017/072	11700217044	SAYED AKHTAR		9	13	22	12	9	3	65	1	1	1	1	1	0	1
37	IT2017/009	11700217045	SAYANTAN BISWAS		9	14	25	15	10	25	86	1	1	1	1	1	1	1
38	IT2017/098	11700217046	SAYAN MUKHERJEE		9	14	24	14	9	23	75	1	1	1	1	1	1	1
39	IT2017/032	11700217047	SALINE SHAW		8	12	20	12	10	21	66	1	1	1	1	1	1	1
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		8	10	21	13	8	21	65	1	0	1	1	1	1	1
41	IT2017/065	11700217049	SAIMANTI LAHA		9	14	23	14	9	23	65	1	1	1	1	1	1	1
42	IT2017/105	11700217050	SAHIL PRAKASH		9	13	24	14	9	24	75	1	1	1	1	1	1	1
43	IT2017/017	11700217051	ROHAN SHAH		8	13	21	14	8	22	68	1	1	1	1	1	1	1
44	IT2017/058	11700217052	ROHAN KUMAR ROY		9	13	22	13	9	22	65	1	1	1	1	1	1	1
45	IT2017/010	11700217053	ROHAN BANERJEE		8	14	21	13	9	23	67	1	1	1	1	1	1	1
46	IT2017/030	11700217054	RIZWAN ANSARI		9	13	24	15	10	24	85	1	1	1	1	1	1	1
47	IT2017/002	11700217055	RIYA KIRTANIA		9	12	24	15	9	25	85	1	1	1	1	1	1	1
48	IT2017/110	11700217056	RITAYAN DHARA		8	13	23	14	9	23	75	1	1	1	1	1	1	1
49	IT2017/022	11700217057	RIJA DEY		9	14	23	14	10	23	75	1	1	1	1	1	1	1
50	IT2017/040	11700217058	REEMA HAZRA		9	12	23	13	10	23	75	1	1	1	1	1	1	1
51	IT2017/123	11700217059	RAYA PAUL		9	13	21	13	9	22	73	1	1	1	1	1	1	1
52	IT2017/043	11700217060	RAVI KUMAR		8	12	20	13	8	20	45	1	1	1	1	1	1	0
53	IT2017/070	11700217061	RAUNAK GUPTA		9	14	23	13	10	23	65	1	1	1	1	1	1	1
54	IT2017/107	11700217062	RAKESH KUMAR		9	12	20	11	9	20	55	1	1	1	0	1	1	0
55	IT2017/016	11700217063	RAJAT BISWAS		9	14	24	14	9	24	85	1	1	1	1	1	1	1
56	IT2017/046	11700217064	PRIYANSHU JHA		9	13	23	13	10	23	85	1	1	1	1	1	1	1
57	IT2017/114	11700217065	PRIYA SINHA		8	12	20	14	6	20	71	1	1	1	1	0	1	1
58	IT2017/049	11700217066	PREETAM GHOSH		8	14	22	12	10	22	65	1	1	1	1	1	1	1
59	IT2017/118	11700217067	PRATYAY RUDRA		8	12	20	12	8	21	65	1	1	1	1	1	1	1
60	IT2017/048	11700217068	PRASHANT KUMAR		9	12	21	12	9	22	70	1	1	1	1	1	1	1



61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

9	12	22	13	8	23	65	1	1	1	1	1	1	1
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9	14	23	13	8	24	75	1	1	1	1	1	1	1
9	13	23	13	8	22	75	1	1	1	1	1	1	1
8	13	21	12	9	22	55	1	1	1	1	1	1	0
8	12	20	12	9	20	54	1	1	1	1	1	1	0
8	14	22	13	9	23	75	1	1	1	1	1	1	1
9	12	20	13	8	21	68	1	1	1	1	1	1	1
9	13	22	14	8	22	75	1	1	1	1	1	1	1
8	12	21	13	8	21	65	1	1	1	1	1	1	1
9	12	22	12	8	21	65	1	1	1	1	1	1	1
9	12	20	12	9	20	69	1	1	1	1	1	1	1
9	12	22	13	9	23	65	1	1	1	1	1	1	1
9	11	20	12	9	21	55	1	0	1	1	1	1	0
8	13	22	13	10	22	75	1	1	1	1	1	1	1
9	14	23	13	10	23	75	1	1	1	1	1	1	1
9	14	22	13	10	23	75	1	1	1	1	1	1	1
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9	14	23	14	9	23	75	1	1	1	1	1	1	1
9	13	24	14	10	24	75	1	1	1	1	1	1	1
8	13	23	13	9	23	75	1	1	1	1	1	1	1
8	12	20	12	8	20	55	1	1	1	1	1	1	0
9	13	20	12	8	20	70	1	1	1	1	1	1	1
9	13	22	13	8	22	65	1	1	1	1	1	1	1
8	12	20	11	9	20	68	1	1	1	0	1	1	1
8	13	20	12	9	21	65	1	1	1	1	1	1	1
9	12	22	13	9	23	75	1	1	1	1	1	1	1
8	13	20	13	9	21	65	1	1	1	1	1	1	1
9	12	20	13	8	22	65	1	1	1	1	1	1	1
9	13	22	13	9	23	75	1	1	1	1	1	1	1
8	12	21	12	9	21	60	1	1	1	1	1	1	1
6	13	22	14	9	21	65	0	1	1	1	1	1	1
8	13	20	12	9	23	65	1	1	1	1	1	1	1
9	13	22	14	9	23	75	1	1	1	1	1	1	1
8	14	23	13	8	23	75	1	1	1	1	1	1	1
8	13	20	12	9	20	76	1	1	1	1	1	1	1
9	11	22	14	8	23	75	1	0	1	1	1	1	1
9	13	23	14	8	22	65	1	1	1	1	1	1	1
9	12	22	14	8	22	74	1	1	1	1	1	1	1
9	12	23	14	8	20	75	1	1	1	1	1	1	1
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9	13	22	13	9	20	65	1	1	1	1	1	1	1
8	14	22	13	9	23	75	1	1	1	1	1	1	1
9	14	23	12	8	23	78	1	1	1	1	1	1	1
9	13	23	12	8	24	81	1	1	1	1	1	1	1
9	12	23	13	8	24	79	1	1	1	1	1	1	1
8	12	23	12	9	24	83	1	1	1	1	1	1	1
8	13	21	12	8	22	76	1	1	1	1	1	1	1
9	14	21	14	8	22	74	1	1	1	1	1	1	1
9	14	20	14	9	21	75	1	1	1	1	1	1	1
8	14	20	13	9	22	76	1	1	1	1	1	1	1
8	13	22	13	9	23	71	1	1	1	1	1	1	1
9	13	23	13	9	23	72	1	1	1	1	1	1	1
9	12	23	12	8	24	87	1	1	1	1	1	1	1
8	12	20	12	8	20	81	1	1	1	1	1	1	1
8	13	21	12	8	21	75	1	1	1	1	1	1	1
9	13	18	14	9	21	74	1	1	0	1	1	1	1
9	14	21	14	8	22	71	1	1	1	1	1	1	1
9	14	23	13	8	22	75	1	1	1	1	1	1	1
9	13	21	13	8	21	74	1	1	1	1	1	1	1
8	13	21	12	9	23	78	1	1	1	1	1	1	1
9	11	20	12	9	23	76	1	0	1	1	1	1	1

1	117	118	121	119	119	121	111
0	5	4	1	3	3	1	11
CO attn	0.96	0.97	0.99	0.98	0.98	0.99	0.91

Avg Attn	0.98
Attn Level	3

Avg Attn	0.91
Attn Level	3



Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 50% of CO attainment level in CA tests + 50% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level										3			
Direct PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.17	2.17	1.83	1.67	2.33	1.80	2.00	2.00	2.50	1.80	1.83	1.67	
Overall (Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	2.17	2.17	1.83	1.67	2.33	1.80	2.00	2.00	2.50	1.80	1.83	1.67	1.98

Direct PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.83	2.33	1.00	
Overall (Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	2.83	2.33	1.00	2.06

Mapping of CO with PO and PSO of Cryptography & Network Security(Paper code:IT801D)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	1	1	-	-	1	1	1	-	-	-	1
	CO2	3	1	1	-	-	1	1	1	-	-	-	1
	CO3	3	2	2	1	-	1	1	1	-	-	-	1
	CO4	3	3	3	2	-	1	1	1	-	-	-	1
	CO5	3	3	3	2	-	1	1	1	-	-	-	1
	CO6	3	2	2	2	-	1	1	1	-	-	-	1
	AVERAGE	3.00	2.00	2.00	1.75	0	1.00	1.00	1.00	0	0	0	1.00

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	1	1	1
	CO2	1	1	1
	CO3	1	1	2
	CO4	1	1	2
	CO5	1	1	2
	CO6	1	1	2
	AVERAGE	1.00	1.00	1.67

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Target Level	ALL CA's						Univ. Exam	Course Outcome Attainment with target in %							
					CA1/CA2/CA3/CA4							CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam	
					CO1	CO2	CO3	CO4	CO5	CO6									
					10	15	25	15	10	25									
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	8	12	22	13	9	21	95	1	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	9	15	23	12	8	22	95	1	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	8	14	20	15	10	21	95	1	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	10	13	21	14	9	23	95	1	1	1	1	1	1	1	1
6	IT2017/053	11700217013	SUMEDHA SEN	80%	10	12	20	14	9	24	95	1	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	9	13	21	15	9	22	95	1	1	1	1	1	1	1	1
8	IT2017/067	11700217015	SUKANYA SAHA	80%	9	12	20	13	8	21	95	1	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	8	14	20	15	10	21	95	1	1	1	1	1	1	1	1



11	IT2017/052	11700217018	SUBHANGEE
12	IT2017/021	11700217019	SUBARNA SARKAR
13	IT2017/038	11700217020	SRIPARNA GIRI
14	IT2017/011	11700217021	SRIJAYEE SAHA
15	IT2017/094	11700217022	SRIJANI ROY
16	IT2017/120	11700217023	SREYASHI KARMAKAR
17	IT2017/012	11700217024	SOURAV SHAW
18	IT2017/075	11700217025	SOURAV SARKAR
19	IT2017/064	11700217026	SOURAV SAMANTA
20	IT2017/069	11700217027	SOURAV JAISWAL
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE
22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH

10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
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9	12	20	13	8	21	95	1	1	1	1	1	1	1	1
10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
8	14	20	15	10	21	95	1	1	1	1	1	1	1	1
10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
9	15	23	12	8	22	95	1	1	1	1	1	1	1	1
10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
8	14	20	15	10	21	95	1	1	1	1	1	1	1	1
10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
9	12	22	13	8	21	95	1	1	1	1	1	1	1	1
9	15	23	12	8	22	95	1	1	1	1	1	1	1	1
10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
8	14	20	15	10	21	95	1	1	1	1	1	1	1	1
10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
9	15	23	12	8	22	95	1	1	1	1	1	1	1	1
10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
8	14	20	15	10	21	95	1	1	1	1	1	1	1	1
10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
9	15	23	12	8	22	95	1	1	1	1	1	1	1	1
10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
8	14	20	15	10	21	95	1	1	1	1	1	1	1	1
10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
9	15	23	12	8	22	95	1	1	1	1	1	1	1	1
10	13	21	14	9	24	95	1	1	1	1	1	1	1	1
9	12	22	13	8	21	95	1	1	1	1	1	1	1	1
9	12	22	13	8	21	95	1	1	1	1	1	1	1	1
9	12	22	13	8	21	95	1	1	1	1	1	1	1	1



Mapping of CO with PO and PSO of Design Lab (Paper code: IT891)

Enter correlation levels 1, 2 or 3 as defined below :
 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	3	2	2	1	2	2	3	2	2	-	-
	CO2	3	3	2	3	1	1	1	2	2	2	-	-
	CO3	3	3	3	3	3	1	1	2	2	1	-	-
	CO4	3	3	3	2	3	-	-	1	2	-	-	-
	CO5	3	2	2	2	2	-	-	1	2	3	-	-
	CO6	3	1	-	-	2	-	-	1	2	2	-	-
AVERAGE	3.00	2.50	2.40	2.40	2.00	1.33	1.33	1.67	2.00	2.00	0	0	

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	1	1
	CO2	3	1	2
	CO3	3	1	2
	CO4	3	1	2
	CO5	3	2	2
	CO6	3	2	-
AVERAGE	3.00	1.33	1.80	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level

Sl No	Class Roll	Univ Roll	Name	Target Level	ALL PCA's												Univ. Exam	Course Outcome Attainment with target in %					
					PCA1			PCA2			60	CO1	CO2	CO3	CO4	CO5		CO6	CO Attainment in Univ Exam				
					CO1	CO2	CO3	CO4	CO5	CO6													
					10	15	15	15	10	15													
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	10	14	14	14	9	14	56	1	1	1	1	1	1	1	1				
2	IT2017/121	11700217008	SUVAM PATRA	80%	10	14	14	10	7	10	54	1	1	1	1	0	0	0	1				
3	IT2017/089	11700217009	SUSNATA DAS	80%	5	8	8	14	9	14	42	0	0	0	0	1	1	1	0				
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	10	15	15	14	10	14	52	1	1	1	1	1	1	1	1				
5	IT2017/054	11700217012	SUPRATIM DAS	80%	9	14	14	14	9	14	56	1	1	1	1	1	1	1	1				
6	IT2017/053	11700217013	SUMEDHA SEN	80%	9	14	14	14	9	14	56	1	1	1	1	1	1	1	1				
7	IT2017/039	11700217014	SUMAN KAYAL	80%	9	14	14	14	9	14	58	1	1	1	1	1	1	1	1				
8	IT2017/067	11700217015	SUKANYA SAHA	80%	7	11	11	15	10	15	56	0	0	0	0	1	1	1	1				
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	9	13	13	14	10	14	56	1	1	1	1	1	1	1	1				
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	10	15	15	11	8	11	54	1	1	1	1	0	1	0	1				
11	IT2017/052	11700217018	SUBHANGEE	80%	9	14	14	14	9	14	57	1	1	1	1	1	1	1	1				
12	IT2017/021	11700217019	SUBARNA SARKAR	80%	9	14	14	14	9	14	58	1	1	1	1	1	1	1	1				
13	IT2017/038	11700217020	SRIPARNA GIRI	80%	9	14	14	14	9	14	56	1	1	1	1	1	1	1	1				
14	IT2017/011	11700217021	SRIJAYEE SAHA	80%	9	14	14	14	9	14	45	1	1	1	1	1	1	1	0				
15	IT2017/094	11700217022	SRIJANI ROY	80%	10	15	15	14	9	14	56	1	1	1	1	1	1	1	1				
16	IT2017/120	11700217023	SREYASHI KARMAKAR	80%	8	11	11	14	9	14	57	1	0	0	0	1	1	1	1				
17	IT2017/012	11700217024	SOURAV SHAW	80%	9	14	14	14	9	14	58	1	1	1	1	1	1	1	1				
18	IT2017/075	11700217025	SOURAV SARKAR	80%	9	14	14	14	9	14	53	1	1	1	1	1	1	1	1				
19	IT2017/064	11700217026	SOURAV SAMANTA	80%	9	14	14	14	9	14	52	1	1	1	1	1	1	1	1				
20	IT2017/069	11700217027	SOURAV JAISWAL	80%	10	15	15	14	10	14	53	1	1	1	1	1	1	1	1				
21	IT2017/008	11700217029	SOUAMYADEEP MUKHERJEE	80%	8	11	11	14	9	14	57	1	0	0	0	1	1	1	1				
22	IT2017/063	11700217030	SONALI	80%	9	14	14	14	9	14	57	1	1	1	1	1	1	1	1				
23	IT2017/109	11700217031	SOMENATH RANA	80%	5	8	8	11	7	11	43	0	0	0	0	0	0	0	0				
24	IT2017/045	11700217032	SOHAM ROY	80%	10	14	14	13	9	13	54	1	1	1	1	1	1	1	1				
25	IT2017/079	11700217033	SOHAM BANERJEE	80%	10	15	15	14	9	14	53	1	1	1	1	1	1	1	1				
26	IT2017/044	11700217034	SNEHA DEEP	80%	9	14	14	14	9	14	57	1	1	1	1	1	1	1	1				
27	IT2017/083	11700217035	SK ISHAN ALI	80%	10	15	15	14	9	14	52	1	1	1	1	1	1	1	1				
28	IT2017/031	11700217036	SIMRAN SHAW	80%	9	14	14	14	9	14	56	1	1	1	1	1	1	1	1				
29	IT2017/023	11700217037	SIMANTINI GHOSH	80%	9	14	14	14	9	14	57	1	1	1	1	1	1	1	1				
30	IT2017/056	11700217038	SIDHU KUMAR	80%	9	14	14	14	9	14	56	1	1	1	1	1	1	1	1				
31	IT2017/050	11700217039	SHREYA SENGUPTA	80%	9	14	14	14	9	14	56	1	1	1	1	1	1	1	1				
32	IT2017/035	11700217040	SHIVANI KUMARI	80%	9	14	14	14	9	14	57	1	1	1	1	1	1	1	1				
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH	80%	10	15	15	14	9	14	48	1	1	1	1	1	1	1	1				
34	IT2017/099	11700217042	SHIVAM	80%	10	15	15	14	9	14	48	1	1	1	1	1	1	1	1				
35	IT2017/097	11700217043	SHEIKH TABISH	80%	9	14	14	13	9	13	43	1	1	1	1	1	1	1	0				
36	IT2017/072	11700217044	SAYED AKHTAR	80%	10	15	15	14	9	14	51	1	1	1	1	1	1	1	1				
37	IT2017/009	11700217045	SAYANTAN BISWAS	80%	8	11	11	14	9	14	56	1	0	0	0	1	1	1	1				
38	IT2017/098	11700217046	SAYAN MUKHERJEE	80%	8	11	11	14	9	14	56	1	0	0	0	1	1	1	1				
39	IT2017/032	11700217047	SALINE SHAW	80%	9	14	14	14	9	14	45	1	1	1	1	1	1	1	0				
40	IT2017/078	11700217048	SAKSHI KUTRIYAR	80%	9	14	14	13	9	13	45	1	1	1	1	1	1	1	0				



41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIVANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK

9	13	13	14	10	14	56	1	1	1	1	1	1	1
5	8	8	14	9	14	41	0	0	0	1	1	1	0
9	14	14	14	9	14	56	1	1	1	1	1	1	1
9	14	14	14	9	14	56	1	1	1	1	1	1	1
9	14	14	14	9	14	57	1	1	1	1	1	1	1
10	15	15	14	9	14	42	1	1	1	1	1	1	0
9	14	14	14	9	14	56	1	1	1	1	1	1	1
10	15	15	11	8	11	54	1	1	1	0	1	0	1
9	14	14	14	10	14	57	1	1	1	1	1	1	1
9	14	14	14	10	14	57	1	1	1	1	1	1	1
9	14	14	14	9	14	43	1	1	1	1	1	1	0
9	14	14	14	9	14	56	1	1	1	1	1	1	1
10	15	15	14	9	14	50	1	1	1	1	1	1	1
10	15	15	14	9	14	54	1	1	1	1	1	1	1
10	14	14	10	7	10	52	1	1	1	0	0	0	1
9	14	14	14	10	14	58	1	1	1	1	1	1	1
10	15	15	14	9	14	51	1	1	1	1	1	1	1
8	12	12	14	10	14	52	1	1	1	1	1	1	1
9	14	14	14	9	14	43	1	1	1	1	1	1	0
9	14	14	14	9	14	56	1	1	1	1	1	1	1
9	13	13	15	10	15	56	1	1	1	1	1	1	1
10	15	15	14	9	14	43	1	1	1	1	1	1	0
9	14	14	14	10	14	56	1	1	1	1	1	1	1
9	14	14	14	9	14	56	1	1	1	1	1	1	1
9	14	14	14	10	14	57	1	1	1	1	1	1	1
9	14	14	14	9	14	56	1	1	1	1	1	1	1
10	15	15	14	9	14	56	1	1	1	1	1	1	1
7	11	11	13	9	13	56	0	0	0	1	1	1	1
10	15	15	14	9	14	57	1	1	1	1	1	1	1
10	15	15	14	9	14	48	1	1	1	1	1	1	1
10	15	15	14	9	14	56	1	1	1	1	1	1	1
10	15	15	14	9	14	52	1	1	1	1	1	1	1
10	15	15	14	9	14	53	1	1	1	1	1	1	1
5	8	8	11	8	11	41	0	0	0	0	1	0	0
9	14	14	14	9	14	52	1	1	1	1	1	1	1
9	14	14	14	10	14	57	1	1	1	1	1	1	1
10	15	15	14	9	14	43	1	1	1	1	1	1	0
9	14	14	14	9	14	54	1	1	1	1	1	1	1
9	14	14	14	9	14	45	1	1	1	1	1	1	0
10	15	15	14	9	14	42	1	1	1	1	1	1	0
9	14	14	14	9	14	56	1	1	1	1	1	1	1
9	14	14	14	10	14	57	1	1	1	1	1	1	1
9	14	14	14	10	14	57	1	1	1	1	1	1	1
9	14	14	14	10	14	57	1	1	1	1	1	1	1
10	15	15	14	9	14	54	1	1	1	1	1	1	1
10	15	15	14	9	14	54	1	1	1	1	1	1	1
9	14	14	14	9	14	54	1	1	1	1	1	1	1
10	15	15	11	8	11	54	1	1	1	0	1	0	1
9	13	13	14	10	14	56	1	1	1	1	1	1	1
9	14	14	14	10	14	54	1	1	1	1	1	1	1
9	13	13	14	10	14	56	1	1	1	1	1	1	1
9	14	14	14	10	14	54	1	1	1	1	1	1	1
10	15	15	14	9	14	48	1	1	1	1	1	1	1
10	15	15	14	9	14	57	1	1	1	1	1	1	1
9	14	14	14	9	14	54	1	1	1	1	1	1	1
9	14	14	14	9	14	45	1	1	1	1	1	1	0
9	14	14	14	9	14	54	1	1	1	1	1	1	1
9	14	14	14	9	14	52	1	1	1	1	1	1	1
10	15	15	14	9	14	43	1	1	1	1	1	1	0
10	15	15	14	9	14	52	1	1	1	1	1	1	1
10	15	15	14	9	14	53	1	1	1	1	1	1	1
9	14	14	14	9	14	50	1	1	1	1	1	1	1
10	15	15	14	9	14	56	1	1	1	1	1	1	1
10	15	15	14	9	14	42	1	1	1	1	1	1	0
10	15	15	14	9	14	43	1	1	1	1	1	1	0
7	11	11	13	9	13	52	0	0	0	1	1	1	1
9	14	14	14	9	14	54	1	1	1	1	1	1	1
9	14	14	14	9	14	54	1	1	1	1	1	1	1



120	IT2017/086	11700217129	ABHISHEK KUMAR	10	15	15	14	9	14	51	1	1	1	1	1	1	1
121	IT2018/L01	11700218001	JOYEETA SAHA	9	14	14	13	9	13	50	1	1	1	1	1	1	1
122	IT2018/L02	11700218002	ABHISHEK DEY	10	15	15	14	9	14	41	1	1	1	1	1	1	0

1	115	111	111	115	119	115	99
0	7	11	11	7	3	7	23
CO attn	0.94	0.91	0.91	0.94	0.98	0.94	0.81

Avg Attn	0.94
Attn Level	3

Avg Attn	0.81
Attn Level	3

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in PCA + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level										3			
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	3.00	2.50	2.40	2.40	2.00	1.33	1.33	1.67	2.00	2.00	0	0	
Overall(Direct) CO attainment level	3	3	3	3	3	3	3	3	3	3	3	3	
Attainment of PO for this course	3.00	2.50	2.40	2.40	2.00	1.33	1.33	1.67	2.00	2.00	0.00	0.00	1.72

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	3.00	1.33	1.80	
Overall(Direct) CO attainment level	3	3	3	
Attainment of PSO for this course	3.00	1.33	1.80	2.04

Mapping of CO with PO and PSO of Project-2 (Paper code: IT892)												
Enter correlation levels 1, 2 or 3 as defined below : 1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)												

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	2	2	1	2	2	1	1	-	-	-	-	-
	CO2	2	2	3	3	3	1	-	-	3	-	-	-
	CO3	3	2	2	3	3	-	1	-	3	-	2	2
	CO4	2	2	2	2	2	-	-	-	2	2	2	2
	CO5	2	-	2	-	2	-	-	2	3	3	3	3
	CO6	2	-	2	-	2	-	-	2	3	3	3	3
	AVERAGE	2.16	2.00	2.00	2.50	2.33	1.00	1.00	2.00	2.80	2.67	2.50	2.50

Average = Sum/ Number of entries

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	1	3
	CO2	3	1	3
	CO3	2	3	2
	CO4	2	3	2
	CO5	2	3	-
	CO6	2	3	-
AVERAGE	2.33	2.33	2.50	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.
 Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.

Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																		
Sl No	Class Roll	Univ Roll	Name	Target Level	Internal Continuous Assessment (60)						External Assessment (40)	Course Outcome Attainment with target in %						
					Continuous Assessment-1 (30)			Continuous Assessment-2 (30)				CO1	CO2	CO3	CO4	CO5	CO6	CO Attainment in Univ Exam
					CO1	CO2	CO3	CO4	CO5	CO6								
					10	10	10	10	10	10	40	80%	80%	80%	80%	80%	80%	
1	IT2017/013	11700217007	VINAY KUMAR PODDAR	80%	10	10	10	10	10	9	36	1	1	1	1	1	1	1
2	IT2017/121	11700217008	SUVAM PATRA	80%	10	9	10	9	10	10	36	1	1	1	1	1	1	1
3	IT2017/089	11700217009	SUSNATA DAS	80%	6	7	7	7	7	7	24	0	0	0	0	0	0	0
4	IT2017/015	11700217010	SURYAPRATIM RAY	80%	10	10	10	10	9	10	32	1	1	1	1	1	1	1
5	IT2017/054	11700217012	SUPRATIM DAS	80%	7	8	9	7	8	7	29	0	1	1	0	1	0	0
6	IT2017/053	11700217013	SUMEDHA SEN	80%	9	10	10	10	9	10	39	1	1	1	1	1	1	1
7	IT2017/039	11700217014	SUMAN KAYAL	80%	9	9	9	9	9	9	31	1	1	1	1	1	1	0
8	IT2017/067	11700217015	SUKANYA SAHA	80%	8	8	10	9	8	9	33	1	1	1	1	1	1	1
9	IT2017/081	11700217016	SUBHASHRI DAS	80%	8	9	10	8	8	8	34	1	1	1	1	1	1	1
10	IT2017/117	11700217017	SUBHANKAR NATH	80%	9	9	10	10	9	9	34	1	1	1	1	1	1	1



11	IT2017/052	11700217018	SUBHANGEE
12	IT2017/021	11700217019	SUBARNA SARKAR
13	IT2017/038	11700217020	SRIPARNA GIRI
14	IT2017/011	11700217021	SRIJAYEE SAHA
15	IT2017/094	11700217022	SRIJANI ROY
16	IT2017/120	11700217023	SREYASHI KARMAKAR
17	IT2017/012	11700217024	SOURAV SHAW
18	IT2017/075	11700217025	SOURAV SARKAR
19	IT2017/064	11700217026	SOURAV SAMANTA
20	IT2017/069	11700217027	SOURAV JAISWAL
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE
22	IT2017/063	11700217030	SONALI
23	IT2017/109	11700217031	SOMENATH RANA
24	IT2017/045	11700217032	SOHAM ROY
25	IT2017/079	11700217033	SOHAM BANERJEE
26	IT2017/044	11700217034	SNEHA DEEP
27	IT2017/083	11700217035	SK ISHAN ALI
28	IT2017/031	11700217036	SIMRAN SHAW
29	IT2017/023	11700217037	SIMANTINI GHOSH
30	IT2017/056	11700217038	SIDHU KUMAR
31	IT2017/050	11700217039	SHREYA SENGUPTA
32	IT2017/035	11700217040	SHIVANI KUMARI
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH
34	IT2017/099	11700217042	SHIVAM
35	IT2017/097	11700217043	SHEIKH TABISH
36	IT2017/072	11700217044	SAYED AKHTAR
37	IT2017/009	11700217045	SAYANTAN BISWAS
38	IT2017/098	11700217046	SAYAN MUKHERJEE
39	IT2017/032	11700217047	SALINE SHAW
40	IT2017/078	11700217048	SAKSHI KUTRIYAR
41	IT2017/065	11700217049	SAIMANTI LAHA
42	IT2017/105	11700217050	SAHIL PRAKASH
43	IT2017/017	11700217051	ROHAN SHAH
44	IT2017/058	11700217052	ROHAN KUMAR ROY
45	IT2017/010	11700217053	ROHAN BANERJEE
46	IT2017/030	11700217054	RIZWAN ANSARI
47	IT2017/002	11700217055	RIYA KIRTANIA
48	IT2017/110	11700217056	RITAYAN DHARA
49	IT2017/022	11700217057	RIJA DEY
50	IT2017/040	11700217058	REEMA HAZRA
51	IT2017/123	11700217059	RAYA PAUL
52	IT2017/043	11700217060	RAVI KUMAR
53	IT2017/070	11700217061	RAUNAK GUPTA
54	IT2017/107	11700217062	RAKESH KUMAR
55	IT2017/016	11700217063	RAJAT BISWAS
56	IT2017/046	11700217064	PRIYANSHU JHA
57	IT2017/114	11700217065	PRIYA SINHA
58	IT2017/049	11700217066	PREETAM GHOSH
59	IT2017/118	11700217067	PRATYAY RUDRA
60	IT2017/048	11700217068	PRASHANT KUMAR
61	IT2017/113	11700217069	PRAPTY CHANDA
62	IT2017/112	11700217070	PRAGATI KUMARI
63	IT2017/071	11700217071	POULOMI SEN
64	IT2017/033	11700217072	PIYUSH KUMAR
65	IT2017/057	11700217074	NISHANT GAURAV
66	IT2017/106	11700217075	NILORMI DAS
67	IT2017/027	11700217076	NILANJAN DUTTA
68	IT2017/047	11700217077	NEHA PRIYADARSHNI
69	IT2017/095	11700217078	NATASHA CHANDA
70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH

10	10	10	10	10	10	35	1	1	1	1	1	1	1
10	10	10	10	9	10	37	1	1	1	1	1	1	1
7	8	9	7	8	8	28	0	1	1	0	1	1	0
9	8	10	8	9	8	33	1	1	1	1	1	1	1
8	8	9	8	9	8	35	1	1	1	1	1	1	1
7	7	9	8	7	7	30	0	0	1	1	0	0	0
10	10	10	9	9	10	37	1	1	1	1	1	1	1
10	9	10	10	9	9	34	1	1	1	1	1	1	1
9	9	10	9	9	9	30	1	1	1	1	1	1	0
10	9	10	9	9	9	36	1	1	1	1	1	1	1
7	6	7	6	6	7	26	0	0	0	0	0	0	0
7	8	8	7	7	7	31	0	1	1	0	0	0	0
6	6	8	7	6	7	25	0	0	1	0	0	0	0
9	10	10	10	9	9	36	1	1	1	1	1	1	1
9	10	10	9	10	10	32	1	1	1	1	1	1	1
8	7	9	7	7	8	29	1	0	1	0	0	1	0
8	8	9	8	9	9	34	1	1	1	1	1	1	1
7	8	8	7	7	7	31	0	1	1	0	0	0	0
8	9	9	9	9	8	33	1	1	1	1	1	1	1
8	8	10	8	9	9	33	1	1	1	1	1	1	1
9	9	10	9	9	9	30	1	1	1	1	1	1	0
8	8	9	8	7	8	27	1	1	1	1	0	1	0
8	9	9	9	9	8	33	1	1	1	1	1	1	1
9	8	10	8	9	9	32	1	1	1	1	1	1	1
9	9	9	9	9	8	32	1	1	1	1	1	1	1
10	10	10	9	9	9	34	1	1	1	1	1	1	1
6	6	8	7	7	6	25	0	0	1	0	0	0	0
8	7	8	7	8	8	29	1	0	1	0	1	1	0
8	8	9	8	9	9	34	1	1	1	1	1	1	1
8	7	8	7	7	8	30	1	0	1	0	0	1	0
8	8	9	8	8	8	36	1	1	1	1	1	1	1
7	7	8	8	8	8	29	0	0	1	1	1	1	0
8	8	9	8	8	8	26	1	1	1	1	1	1	0
8	8	10	9	9	9	32	1	1	1	1	1	1	1
10	9	10	10	10	9	37	1	1	1	1	1	1	1
7	7	8	7	8	7	31	0	0	1	0	1	0	0
9	9	10	10	10	9	39	1	1	1	1	1	1	1
9	10	10	10	10	10	32	1	1	1	1	1	1	1
10	9	10	10	9	9	39	1	1	1	1	1	1	1
10	10	10	9	9	10	39	1	1	1	1	1	1	1
8	9	10	9	8	9	32	1	1	1	1	1	1	1
7	8	9	7	7	7	30	0	1	1	0	0	0	0
10	10	10	10	10	9	36	1	1	1	1	1	1	1
7	8	9	7	7	7	30	0	1	1	0	0	0	0
10	10	10	10	10	10	32	1	1	1	1	1	1	1
8	8	10	8	8	8	35	1	1	1	1	1	1	1
7	8	9	8	8	8	27	0	1	1	1	1	1	0
10	9	10	10	10	10	32	1	1	1	1	1	1	1
10	9	10	9	9	9	39	1	1	1	1	1	1	1
8	8	8	7	8	7	29	1	1	1	0	1	0	0
8	9	9	8	8	9	34	1	1	1	1	1	1	1
8	8	9	7	7	8	28	1	1	1	0	0	1	0
9	8	9	9	8	9	33	1	1	1	1	1	1	1
7	8	8	8	8	8	28	0	1	1	1	1	1	0
10	9	10	9	9	10	38	1	1	1	1	1	1	1
9	8	9	9	9	9	32	1	1	1	1	1	1	1
9	10	10	9	9	10	37	1	1	1	1	1	1	1
9	9	10	8	9	9	31	1	1	1	1	1	1	0
8	9	9	8	9	8	34	1	1	1	1	1	1	1
9	8	9	9	8	9	33	1	1	1	1	1	1	1
8	7	9	8	7	7	29	1	0	1	1	0	0	0
8	8	9	8	9	9	34	1	1	1	1	1	1	1
10	10	10	9	10	10	32	1	1	1	1	1	1	1
10	10	10	10	10	9	34	1	1	1	1	1	1	1
10	10	10	10	10	9	32	1	1	1	1	1	1	1
6	6	8	6	6	7	26	0	0	1	0	0	0	0
7	7	8	7	7	8	31	0	0	1	0	0	1	0
8	8	10	9	8	8	34	1	1	1	1	1	1	1
8	7	9	8	7	7	29	1	0	1	1	0	0	0
8	9	9	8	9	8	34	1	1	1	1	1	1	1
8	9	9	8	8	9	34	1	1	1	1	1	1	1
9	8	9	9	8	8	34	1	1	1	1	1	1	1
8	8	10	9	8	9	33	1	1	1	1	1	1	1
8	8	8	8	8	7	28	1	1	1	1	1	0	0
9	10	10	10	10	10	34	1	1	1	1	1	1	1
8	9	9	9	9	9	32	1	1	1	1	1	1	1
7	8	9	7	8	8	28	0	1	1	0	1	1	0
7	8	8	7	7	7	31	0	1	1	0	0	0	0
8	9	10	9	9	8	32	1	1	1	1	1	1	1
7	7	9	8	8	7	29	0	0	1	1	1	0	0
7	7	9	8	8	7	29	0	0	1	1	1	0	0
8	8	8	7	7	7	30	1	1	1	0	0	0	0
9	9	10	10	9	10	36	1	1	1	1	1	1	1
9	9	10	9										



96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIFA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SENHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

10	9	9	9	10	9	36	1	1	1	1	1	1	1	1	1	1
8	8	9	8	8	9	35	1	1	1	1	1	1	1	1	1	1
9	9	10	9	10	9	34	1	1	1	1	1	1	1	1	1	1
9	9	10	10	9	9	39	1	1	1	1	1	1	1	1	1	1
9	9	10	10	10	9	36	1	1	1	1	1	1	1	1	1	1
8	8	10	8	8	8	35	1	1	1	1	1	1	1	1	1	1
8	8	9	7	8	8	27	1	1	1	0	1	1	1	1	0	0
8	8	8	7	8	7	29	1	1	1	1	0	1	0	1	0	0
7	8	9	8	7	7	29	0	1	1	1	1	0	0	0	0	0
9	10	10	10	10	9	37	1	1	1	1	1	1	1	1	1	1
9	10	10	9	10	9	38	1	1	1	1	1	1	1	1	1	1
8	7	9	8	8	7	28	1	0	1	1	1	1	0	0	0	0
8	8	9	8	9	9	34	1	1	1	1	1	1	1	1	1	1
7	8	9	7	8	7	29	0	1	1	1	0	1	0	1	0	0
8	9	10	8	8	8	34	1	1	1	1	1	1	1	1	1	1
7	7	9	7	7	8	32	0	0	1	0	0	1	1	1	1	1
7	7	9	8	7	8	29	0	0	1	1	0	1	0	1	0	0
9	9	10	9	8	8	32	1	1	1	1	1	1	1	1	1	1
10	9	10	9	9	10	36	1	1	1	1	1	1	1	1	1	1
8	8	9	8	8	7	27	1	1	1	1	1	1	0	0	0	0
8	7	8	8	8	7	29	1	0	1	1	1	1	0	0	0	0
9	10	10	9	9	10	32	1	1	1	1	1	1	1	1	1	1
9	8	9	9	8	8	34	1	1	1	1	1	1	1	1	1	1
8	7	9	7	8	8	28	1	0	1	0	1	1	1	1	0	0
9	9	9	8	8	8	34	1	1	1	1	1	1	1	1	1	1
7	8	9	8	7	7	29	0	1	1	1	1	0	0	0	0	0
8	7	9	7	7	7	30	1	0	1	0	0	0	0	0	0	0

1	95	99	120	95	98	94	74
0	27	23	2	27	24	28	48
CO attn	0.78	0.81	0.98	0.78	0.80	0.77	0.61

Avg Attn	0.821
Attn Lvl	3

Avg Attn	0.60656
Attn Lvl	1

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 40% of CO attainment level in internal continuous assessment + 60% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												2.2	
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.16	2.00	2.00	2.50	2.33	1.00	1.00	2.00	2.80	2.67	2.50	2.50	
Overall(Direct) CO attainment level	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
Attainment of PO for this course	1.58	1.47	1.47	1.83	1.71	0.73	0.73	1.47	2.05	1.96	1.83	1.83	1.56

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.33	2.33	2.50	
Overall(Direct) CO attainment level	2.2	2.2	2.2	
Attainment of PSO for this course	1.71	1.71	1.83	1.75

Mapping of CO with PO and PSO of Grand Viva (Paper code: IT893)

Enter correlation levels 1, 2 or 3 as defined below :

1 : Slight(Low) 2 : Moderate(Medium) 3 : Substantial(High) If there is no correlation, put " - " (enter single quote followed by single dash only)

Table 1	TABLE 1	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	CO1	3	2	2	-	2	-	2	-	-	2	2	3
	CO2	2	3	-	2	-	-	-	-	-	-	-	-
	CO3	2	2	2	-	-	-	-	-	-	-	2	2
	CO4	2	-	-	-	-	-	-	-	-	3	-	-
	CO5	-	2	1	-	-	-	-	-	-	-	-	-
	CO6	2	-	2	2	-	-	-	-	-	-	2	2
	AVERAGE	2.20	2.25	1.75	2.00	2.00	0	2.00	0	0	2.50	2.00	2.33

Average =sum/ number of entry

Table 2	TABLE 2	PSO1	PSO2	PSO3
	CO1	3	2	2
	CO2	-	3	-
	CO3	3	-	2
	CO4	-	-	-
	CO5	-	2	-
	CO6	2	-	-
AVERAGE	2.67	2.33	2.00	

Attainment Level 1: 60% of students score more than Target marks out of the maximum relevant marks.

Attainment Level 2: 70% of students score more than Target marks out of the maximum relevant marks.

Attainment Level 3: 80% of students score more than Target marks out of the maximum relevant marks.



Percentage of Students Attaining Course Outcomes(COs) and Attainment Level																			
Sl No	Class Roll	Univ Roll	Name	Target Level	Continuous Assessment(100)						Course Outcome Attainment with target in %						CO Average Attainment		
					Course Outcomes		CO1		CO2		CO3		CO4		CO5			CO6	
					Marks Distribution		20	20	20	10	15	15	CO1	CO2	CO3	CO4		CO5	CO6
					80%						80%								
1	IT2017/013	11700217007	VINAY KUMAR PODDAR		19	18	19	9	14	13	1	1	1	1	1	1	1		
2	IT2017/121	11700217008	SUVAM PATRA		18	17	18	8	14	12	1	1	1	1	1	1	1		
3	IT2017/089	11700217009	SUSNATA DAS		11	10	11	5	8	6	0	0	0	0	0	0	0		
4	IT2017/015	11700217010	SURYAPRATIM RAY		15	14	15	7	11	11	0	0	0	0	0	1	0		
5	IT2017/054	11700217012	SUPRATIM DAS		18	18	18	9	14	13	1	1	1	1	1	1	1		
6	IT2017/053	11700217013	SUMEDHA SEN		16	15	16	7	12	11	1	0	1	0	1	1	1		
7	IT2017/039	11700217014	SUMAN KAYAL		20	19	20	9	15	13	1	1	1	1	1	1	1		
8	IT2017/067	11700217015	SUKANYA SAHA		18	17	18	8	14	13	1	1	1	1	1	1	1		
9	IT2017/081	11700217016	SUBHASHRI DAS		19	19	19	9	15	14	1	1	1	1	1	1	1		
10	IT2017/117	11700217017	SUBHANKAR NATH		13	12	13	6	10	8	0	0	0	0	0	1	0		
11	IT2017/052	11700217018	SUBHANGEE		19	18	19	9	14	12	1	1	1	1	1	1	1		
12	IT2017/021	11700217019	SUBARNA SARKAR		19	18	19	9	14	13	1	1	1	1	1	1	1		
13	IT2017/038	11700217020	SRIPARNA GIRI		19	18	19	9	14	14	1	1	1	1	1	1	1		
14	IT2017/011	11700217021	SRIJAYEE SAHA		19	18	19	9	15	14	1	1	1	1	1	1	1		
15	IT2017/094	11700217022	SRIJANI ROY		15	14	15	7	11	9	0	0	0	0	0	1	0		
16	IT2017/120	11700217023	SREYASHI KARMAKAR		15	14	15	7	11	9	0	0	0	0	0	1	0		
17	IT2017/012	11700217024	SOURAV SHAW		13	12	13	6	10	9	0	0	0	0	0	1	0		
18	IT2017/075	11700217025	SOURAV SARKAR		20	19	20	9	15	13	1	1	1	1	1	1	1		
19	IT2017/064	11700217026	SOURAV SAMANTA		17	16	17	8	13	13	1	1	1	1	1	1	1		
20	IT2017/069	11700217027	SOURAV JAISWAL		20	19	20	9	15	13	1	1	1	1	1	1	1		
21	IT2017/008	11700217029	SOUMYADEEP MUKHERJEE		12	11	12	5	9	7	0	0	0	0	0	0	0		
22	IT2017/063	11700217030	SONALI		18	17	18	8	13	12	1	1	1	1	1	1	1		
23	IT2017/109	11700217031	SOMENATH RANA		11	10	11	5	9	8	0	0	0	0	0	1	0		
24	IT2017/045	11700217032	SOHAM ROY		16	16	16	8	12	12	1	1	1	1	1	1	1		
25	IT2017/079	11700217033	SOHAM BANERJEE		19	19	19	9	15	14	1	1	1	1	1	1	1		
26	IT2017/044	11700217034	SNEHA DEEP		13	12	13	6	10	8	0	0	0	0	0	1	0		
27	IT2017/083	11700217035	SK ISHAN ALI		19	18	19	9	14	13	1	1	1	1	1	1	1		
28	IT2017/031	11700217036	SIMRAN SHAW		17	16	17	8	13	11	1	1	1	1	1	1	1		
29	IT2017/023	11700217037	SIMANTINI GHOSH		17	17	17	8	13	13	1	1	1	1	1	1	1		
30	IT2017/056	11700217038	SIDHU KUMAR		16	15	16	7	12	11	1	0	1	0	1	1	1		
31	IT2017/050	11700217039	SHREYA SENGUPTA		17	16	17	8	13	10	1	1	1	1	1	1	1		
32	IT2017/035	11700217040	SHIVANI KUMARI		13	12	13	6	10	9	0	0	0	0	0	1	0		
33	IT2017/087	11700217041	SHIVAM KUMAR SINGH		13	12	13	6	10	7	0	0	0	0	0	0	0		
34	IT2017/099	11700217042	SHIVAM		16	15	16	7	12	12	1	0	1	0	1	1	1		
35	IT2017/097	11700217043	SHEIKH TABISH		14	13	14	6	11	10	0	0	0	0	0	1	0		
36	IT2017/072	11700217044	SAYED AKHTAR		11	10	11	5	8	6	0	0	0	0	0	0	0		
37	IT2017/009	11700217045	SAYANTAN BISWAS		11	10	11	5	8	6	0	0	0	0	0	0	0		
38	IT2017/098	11700217046	SAYAN MUKHERJEE		17	16	17	8	13	10	1	1	1	1	1	1	1		
39	IT2017/032	11700217047	SALINE SHAW		19	18	19	9	14	13	1	1	1	1	1	1	1		
40	IT2017/078	11700217048	SAKSHI KUTRIYAR		14	14	14	7	11	10	0	0	0	0	0	1	0		
41	IT2017/065	11700217049	SAINMANTI LAHA		12	11	12	5	9	10	0	0	0	0	0	1	0		
42	IT2017/105	11700217050	SAHIL PRAKASH		13	12	13	6	10	10	0	0	0	0	0	1	0		
43	IT2017/017	11700217051	ROHAN SHAH		16	16	16	8	12	12	1	1	1	1	1	1	1		
44	IT2017/058	11700217052	ROHAN KUMAR ROY		16	15	16	7	12	10	1	0	1	0	1	1	1		
45	IT2017/010	11700217053	ROHAN BANERJEE		19	18	19	9	14	14	1	1	1	1	1	1	1		
46	IT2017/030	11700217054	RIZWAN ANSARI		14	13	14	6	10	9	0	0	0	0	0	1	0		
47	IT2017/002	11700217055	RIYA KIRTANIA		18	18	18	9	14	13	1	1	1	1	1	1	1		
48	IT2017/110	11700217056	RITAYAN DHARA		15	14	15	7	12	11	0	0	0	0	1	1	0		
49	IT2017/022	11700217057	RIJA DEY		17	16	17	8	13	11	1	1	1	1	1	1	1		
50	IT2017/040	11700217058	REEMA HAZRA		17	16	17	8	13	11	1	1	1	1	1	1	1		
51	IT2017/123	11700217059	RAYA PAUL		18	17	18	8	14	14	1	1	1	1	1	1	1		
52	IT2017/043	11700217060	RAVI KUMAR		18	17	18	8	14	13	1	1	1	1	1	1	1		
53	IT2017/070	11700217061	RAUNAK GUPTA		17	16	17	8	13	10	1	1	1	1	1	1	1		
54	IT2017/107	11700217062	RAKESH KUMAR		14	13	14	6	11	9	0	0	0	0	0	1	0		
55	IT2017/016	11700217063	RAJAT BISWAS		11	10	11	5	8	7	0	0	0	0	0	0	0		
56	IT2017/046	11700217064	PRIYANSHU JHA		18	17	18	8	14	14	1	1	1	1	1	1	1		
57	IT2017/114	11700217065	PRIYA SINHA		19	18	19	9	14	13	1	1	1	1	1	1	1		
58	IT2017/049	11700217066	PREETAM GHOSH		17	16	17	8	13	13	1	1	1	1	1	1	1		
59	IT2017/118	11700217067	PRATYAY RUDRA		13	12	13	6	10	7	0	0	0	0	0	0	0		
60	IT2017/048	11700217068	PRASHANT KUMAR		16	15	16	7	12	10	1	0	1	0	1	1	1		
61	IT2017/113	11700217069	PRAPTY CHANDA		19	18	19	9	14	13	1	1	1	1	1	1	1		
62	IT2017/112	11700217070	PRAGATI KUMARI		12	12	12	6	9	9	0	0	0	0	0	1	0		
63	IT2017/071	11700217071	POULOMI SEN		20	19	20	9	15	15	1	1	1	1	1	1	1		
64	IT2017/033	11700217072	PIYUSH KUMAR		16	16	16	8	12	12	1	1	1	1	1	1	1		
65	IT2017/057	11700217074	NISHANT GAURAV		15	14	15	7	11	10	0	0	0	0	0	1	0		
66	IT2017/106	11700217075	NILORMI DAS		18	17	18	8	14	14	1	1	1	1	1	1	1		
67	IT2017/027	11700217076	NILANJAN DUTTA		19	18	19	9	15	14	1	1	1	1	1	1	1		
68	IT2017/047	11700217077	NEHA PRIYADARSHNI		18	17	18	8	13	12	1	1	1	1	1	1	1		
69	IT2017/095	11700217078	NATASHA CHANDA		19	18	19	9	14	14	1	1	1	1	1	1	1		



70	IT2017/007	11700217079	NADEEM RAZA KHAN
71	IT2017/108	11700217080	MUKESH KUMAR
72	IT2017/119	11700217081	MOHAMMED ARSALAN
73	IT2017/077	11700217082	MD TAHIR
74	IT2017/076	11700217083	MD NOORAIN
75	IT2017/074	11700217084	MD JAVED AKHTAR
76	IT2017/084	11700217085	MD DANISHULLAH
77	IT2017/029	11700217086	MANAB MALAKAR
78	IT2017/034	11700217087	MADHUMITA GAYEN
79	IT2017/082	11700217088	KUMAR ROHAN
80	IT2017/037	11700217089	KARMVEER KUMAR THAKUR
81	IT2017/004	11700217090	KANKANA SAHA
82	IT2017/100	11700217091	IMRAN ALAM
83	IT2017/018	11700217092	HARSHIT BAISHKIYAR
84	IT2017/036	11700217093	GOURAV BHATTACHARJEE
85	IT2017/073	11700217094	GOURAB TALUKDAR
86	IT2017/104	11700217095	DISHANI KAR
87	IT2017/055	11700217096	DIPANJANA GHOSH
88	IT2017/122	11700217097	DEVASHREE MAHATO
89	IT2017/024	11700217098	DAIPAYAN KHAMARU
90	IT2017/066	11700217099	BISWADEEP SARKAR
91	IT2017/091	11700217100	BICKY KUMAR
92	IT2017/090	11700217101	BARNIK PODDER
93	IT2017/026	11700217102	ATINDRA KUMAR SINGH
94	IT2017/020	11700217103	ASMITA GHOSH
95	IT2017/025	11700217104	ARUNAVA GHOSH
96	IT2017/051	11700217105	ARUNARKA MUKHOPADHYAY
97	IT2017/059	11700217106	ARNAB DALAL
98	IT2017/103	11700217107	ARKA MONDAL
99	IT2017/068	11700217108	ANUSHREE JAIN
100	IT2017/001	11700217109	ANTU KUNDU
101	IT2017/092	11700217110	ANTARA PAUL
102	IT2017/042	11700217111	ANKUR SARKAR
103	IT2017/080	11700217112	ANKUR KUMAR
104	IT2017/101	11700217113	ANKITA SINGH
105	IT2017/028	11700217114	ANKIT SHARMA
106	IT2017/006	11700217115	ANKIT PRAMANIK
107	IT2017/060	11700217116	ANKIT KUMAR JHA
108	IT2017/093	11700217117	ANIKET MAJUMDAR
109	IT2017/115	11700217118	ANIKET ARORA
110	IT2017/085	11700217119	AMAN KUMAR VERMA
111	IT2017/088	11700217120	AMAN KUMAR
112	IT2017/124	11700217121	AMAN JHA
113	IT2017/102	11700217122	AKRITI
114	IT2017/019	11700217123	ADRIJA DAS
115	IT2017/116	11700217124	ADITYA KUMAR SINHA
116	IT2017/125	11700217125	ADITYA KUMAR JHA
117	IT2017/003	11700217126	ADITYA BHATTACHARYA
118	IT2017/014	11700217127	ADEEL ABBAS SIDDIQUI
119	IT2017/041	11700217128	ABHISHEK PAREEK
120	IT2017/086	11700217129	ABHISHEK KUMAR
121	IT2018/L01	11700218001	JOYEETA SAHA
122	IT2018/L02	11700218002	ABHISHEK DEY

15	14	15	7	11	9	0	0	0	0	0	0	1	0
17	16	17	8	13	12	1	1	1	1	1	1	1	1
13	12	13	6	10	7	0	0	0	0	0	0	0	0
16	15	16	7	12	11	1	0	1	0	1	0	1	1
15	15	15	7	12	11	0	0	0	0	0	1	1	0
13	12	13	6	10	8	0	0	0	0	0	0	1	0
11	10	11	5	8	8	0	0	0	0	0	0	1	0
11	10	11	5	8	7	0	0	0	0	0	0	0	0
17	17	17	8	13	13	1	1	1	1	1	1	1	1
13	12	13	6	10	10	0	0	0	0	0	0	1	0
14	13	14	6	11	9	0	0	0	0	0	0	1	0
14	13	14	6	10	9	0	0	0	0	0	0	1	0
11	10	11	5	8	8	0	0	0	0	0	0	1	0
18	17	18	8	13	12	1	1	1	1	1	1	1	1
14	13	14	6	11	10	0	0	0	0	0	0	1	0
13	12	13	6	10	7	0	0	0	0	0	0	0	0
20	19	20	9	15	15	1	1	1	1	1	1	1	1
12	11	12	5	9	7	0	0	0	0	0	0	0	0
11	10	11	5	9	8	0	0	0	0	0	0	1	0
12	11	12	5	9	10	0	0	0	0	0	0	1	0
20	19	20	9	15	13	1	1	1	1	1	1	1	1
10	10	10	5	8	7	0	0	0	0	0	0	0	0
12	11	12	5	9	10	0	0	0	0	0	0	1	0
20	19	20	9	15	15	1	1	1	1	1	1	1	1
20	19	20	9	15	15	1	1	1	1	1	1	1	1
19	18	19	9	14	13	1	1	1	1	1	1	1	1
20	19	20	9	15	15	1	1	1	1	1	1	1	1
17	16	17	8	13	10	1	1	1	1	1	1	1	1
14	14	14	7	11	10	0	0	0	0	0	0	1	0
20	19	20	9	15	14	1	1	1	1	1	1	1	1
20	19	20	9	15	15	1	1	1	1	1	1	1	1
18	18	18	9	14	13	1	1	1	1	1	1	1	1
14	13	14	6	11	11	0	0	0	0	0	0	1	0
12	11	12	5	9	10	0	0	0	0	0	0	1	0
19	18	19	9	14	12	1	1	1	1	1	1	1	1
12	11	12	5	9	7	0	0	0	0	0	0	0	0
16	16	16	8	12	12	1	1	1	1	1	1	1	1
18	17	18	8	14	13	1	1	1	1	1	1	1	1
10	10	10	5	8	7	0	0	0	0	0	0	0	0
15	15	15	7	12	11	0	0	0	0	0	1	1	0
14	13	14	6	11	11	0	0	0	0	0	0	1	0
16	15	16	7	12	12	1	0	1	0	1	1	1	1
11	10	11	5	8	7	0	0	0	0	0	0	0	0
19	18	19	9	14	13	1	1	1	1	1	1	1	1
19	18	19	9	14	14	1	1	1	1	1	1	1	1
14	13	14	6	11	10	0	0	0	0	0	0	1	0
14	13	14	6	10	9	0	0	0	0	0	0	1	0
18	17	18	8	14	14	1	1	1	1	1	1	1	1
13	13	13	6	10	10	0	0	0	0	0	0	1	0
18	17	18	8	13	12	1	1	1	1	1	1	1	1
13	12	13	6	10	7	0	0	0	0	0	0	0	0
12	11	12	5	9	7	0	0	0	0	0	0	0	0
12	11	12	5	9	9	0	0	0	0	0	0	1	0

1	67	60	67	60	70	105	60
0	55	62	55	62	52	17	17
CO attn	0.55	0.49	0.55	0.49	0.57	0.86	0.78

Avg Attn	0.61
Attn Level	1

Overall Course Outcome Attainment													
The overall CO attainment level in the course considered is then computed as Direct CO attainment level = 100% of CO attainment level in ESE(End Semester Exam)													
Direct CO attainment level												1	
PO attainment value = (Corresponding cell value from Table 1 x Overall CO attainment level for the course)/3													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
Avg values from table 1	2.20	2.25	1.75	2.00	2.00	0	2.00	0	0	2.50	2.00	2.33	
Overall(Direct) CO attainment level	1	1	1	1	1	1	1	1	1	1	1	1	
Attainment of PO for this course	0.73	0.75	0.58	0.67	0.67	0.00	0.67	0.00	0.00	0.83	0.67	0.78	0.53

PSO attainment value = (Corresponding cell value from Table 2 x Overall CO attainment level for the course)/3				
	PSO1	PSO2	PSO3	
Avg values from table 2	2.67	2.33	2.00	
Overall(Direct) CO attainment level	1	1	1	
Attainment of PSO for this course	0.89	0.78	0.67	0.78

Department of Information Technology, RCC Institute of Information Technology, Kolkata
B. Tech. (IT): 2017 - 2021. Survey Summary

Indirect attainment of POs & PSOs for B. Tech. (IT) - [Batch: 2017 - 2021]

Survey category	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Program Exit Survey (40%)	1.74	1.90	2.07	2.04	2.07	1.81	1.37	2.11	2.16	1.21	1.37	1.81	2.13	1.54	2.07
Alumni Survey (30%)	1.83	1.46	1.60	1.83	1.54	1.60	1.97	1.49	1.63	1.69	2.03	1.46	1.77	1.83	1.46
Employer Survey (30%)	1.60	1.70	2.10	1.50	2.00	1.40	1.40	1.60	2.20	1.60	2.30	1.90	2.10	1.80	2.00
Total indirect attainment	1.72	1.71	1.94	1.81	1.89	1.63	1.56	1.77	2.01	1.47	1.85	1.73	2.01	1.71	1.86

Department of Information Technology, RCC Institute of Information Technology, Kolkata

B. Tech. (IT): 2017 - 2021.

Program Exit Survey

Name	University Roll Number	How do you rate your ability to apply engineering knowledge in finding solutions to complex engineering problems?(PO1)	How do you rate your skills in problem analysis?(PO2)	How do you rate your proficiency in the design and development of solutions for complex engineering problems?(PO3)	How do you rate your competency in knowledge acquired to conduct research based investigations for complex problems?(PO4)	How do you rate your ability to learn and use modern engineering and IT tools?(PO5)	How do you rate your reasoning ability to assess the societal problems as an engineer?(PO6)	How do you rate your ability to comprehend the impact of engineering solutions on environment and sustainability?(PO7)	How do you rate your commitment to professional ethics and moral values?(PO8)	How do you rate your capacity to function as a team member or leader in multidisciplinary projects?(PO9)	How do you rate your oral and written communication skills?(PO10)	How do you rate your skills pertaining to project management?(PO11)	How do you rate your preparedness for lifelong learning?(PO12)	How do you able to apply skills on the basis of mathematical and programming foundations in the development of computational solutions to design software and hardware.(PSO1)	How well you can work in interdisciplinary environment to conduct Research and development of a product (PSO2)	How well you have learn new technologies for effectively using them in your future endeavors (PSO3)
ANTU KUNDU	11700217109	2	2	3	2	3	2	2	3	3	1	2	2	3	1	3
RIYA KIRTANIA	11700217055	2	3	3	3	3	3	1	3	3	1	1	3	3	1	3
ADITYA BHATTACHARYA	11700217126	2	1	2	2	2	1	1	2	2	1	1	1	2	1	2
KANKANSAHA	11700217090	1	3	3	3	3	3	1	3	3	1	1	3	3	1	3

Department of Information Technology, RCC Institute of Information Technology, Kolkata
B. Tech. (IT): 2017 - 2021. Program Exit Survey

Name	University Roll Number	How do you rate your ability to apply engineering knowledge in finding solutions to complex engineering problems?(PO1)	How do you rate your skills in problem analysis?(PO2)	How do you rate your proficiency in the design and development of solutions for complex engineering problems?(PO3)	How do you rate your competency in knowledge acquired to conduct research based investigations for complex problems?(PO4)	How do you rate your ability to learn and use modern engineering and IT tools?(PO5)	How do you rate your reasoning ability to assess the societal problems as an engineer?(PO6)	How do you rate your ability to comprehend the impact of engineering solutions on environment and sustainability?(PO7)	How do you rate your commitment to professional ethics and moral values?(PO8)	How do you rate your capacity to function as a team member or leader in multidisciplinary projects?(PO9)	How do you rate your oral and written communication skills?(PO10)	How do you rate your skills pertaining to project management?(PO11)	How do you rate your preparedness for lifelong learning?(PO12)	How do you able to apply skills on the basis of mathematical and programming foundations in the development of computational solutions to design software and hardware.(PSO1)	How well you can work in interdisciplinary environment to conduct Research and development of a product (PSO2)	How well you have learn new technologies for effectively using them in your future endeavors (PSO3)
ANKIT PRAMANI K	11700217115	3	3	3	3	3	3	3	3	3	1	3	3	3	1	3
NADEEM RAZA KHAN	11700217079	2	2	3	2	3	2	2	3	3	1	2	2	3	1	3
SOUMYADEEP MUKHERJEE	11700217029	2	2	3	2	3	2	2	3	3	1	2	2	3	1	3

Department of Information Technology, RCC Institute of Information Technology, Kolkata
B. Tech. (IT): 2017 - 2021. Program Exit Survey

Name	University Roll Number	How do you rate your ability to apply engineering knowledge in finding solutions to complex engineering problems?(PO1)	How do you rate your skills in problem analysis?(PO2)	How do you rate your proficiency in the design and development of solutions for complex engineering problems?(PO3)	How do you rate your competency in knowledge acquired to conduct research based investigations for complex problems?(PO4)	How do you rate your ability to learn and use modern engineering and IT tools?(PO5)	How do you rate your reasoning ability to assess the societal problems as an engineer?(PO6)	How do you rate your ability to comprehend the impact of engineering solutions on environment and sustainability?(PO7)	How do you rate your commitment to professional ethics and moral values?(PO8)	How do you rate your capacity to function as a team member or leader in multidisciplinary projects?(PO9)	How do you rate your oral and written communication skills?(PO10)	How do you rate your skills pertaining to project management?(PO11)	How do you rate your preparedness for lifelong learning?(PO12)	How do you able to apply skills on the basis of mathematical and programming foundations in the development of computational solutions to design software and hardware.(PSO1)	How well you can work in interdisciplinary environment to conduct Research and development of a product (PSO2)	How well you have learn new technologies for effectively using them in your future endeavors (PSO3)
SAYANTAN BISWAS	11700217045	1	1	2	1	2	1	1	2	2	1	1	1	2	2	2
ROHAN BANERJEE	11700217053	1	1	2	1	2	1	1	2	2	1	1	1	2	1	2
SRIJAYEE SAHA	11700217021	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
SOURAV SHAW	11700217024	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2

Department of Information Technology, RCC Institute of Information Technology, Kolkata

B. Tech. (IT): 2017 - 2021.

Program Exit Survey

Name	University Roll Number	How do you rate your ability to apply engineering knowledge in finding solutions to complex engineering problems?(PO1)	How do you rate your skills in problem analysis?(PO2)	How do you rate your proficiency in the design and development of solutions for complex engineering problems?(PO3)	How do you rate your competency in knowledge acquired to conduct research based investigations for complex problems?(PO4)	How do you rate your ability to learn and use modern engineering and IT tools?(PO5)	How do you rate your reasoning ability to assess the societal problems as an engineer?(PO6)	How do you rate your ability to comprehend the impact of engineering solutions on environment and sustainability?(PO7)	How do you rate your commitment to professional ethics and moral values?(PO8)	How do you rate your capacity to function as a team member or leader in multidisciplinary projects?(PO9)	How do you rate your oral and written communication skills?(PO10)	How do you rate your skills pertaining to project management?(PO11)	How do you rate your preparedness for lifelong learning?(PO12)	How do you able to apply skills on the basis of mathematical and programming foundations in the development of computational solutions to design software and hardware.(PSO1)	How well you can work in interdisciplinary environment to conduct Research and development of a product (PSO2)	How well you have learn new technologies for effectively using them in your future endeavors (PSO3)
VINAY KUMAR PODDAR	11700217007	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
ADEEL ABBAS SIDDIQUI	11700217127	2	3	3	3	3	3	2	3	3	2	2	3	3	1	3
SURYAPRATIM RAY	11700217010	1	1	2	1	2	1	1	2	2	1	1	1	2	2	2
RAJAT BISWAS	11700217063	2	3	3	3	3	3	2	3	3	2	2	3	3	2	3

Department of Information Technology, RCC Institute of Information Technology, Kolkata
B. Tech. (IT): 2017 - 2021. Program Exit Survey

Name	University Roll Number	How do you rate your ability to apply engineering knowledge in finding solutions to complex engineering problems?(PO1)	How do you rate your skills in problem analysis?(PO2)	How do you rate your proficiency in the design and development of solutions for complex engineering problems?(PO3)	How do you rate your competency in knowledge acquired to conduct research based investigations for complex problems?(PO4)	How do you rate your ability to learn and use modern engineering and IT tools?(PO5)	How do you rate your reasoning ability to assess the societal problems as an engineer?(PO6)	How do you rate your ability to comprehend the impact of engineering solutions on environment and sustainability?(PO7)	How do you rate your commitment to professional ethics and moral values?(PO8)	How do you rate your capacity to function as a team member or leader in multidisciplinary projects?(PO9)	How do you rate your oral and written communication skills?(PO10)	How do you rate your skills pertaining to project management?(PO11)	How do you rate your preparedness for lifelong learning?(PO12)	How do you able to apply skills on the basis of mathematical and programming foundations in the development of computational solutions to design software and hardware.(PSO1)	How well you can work in interdisciplinary environment to conduct Research and development of a product (PSO2)	How well you have learn new technologies for effectively using them in your future endeavors (PSO3)
ROHAN SHAH	11700217051	2	3	3	3	3	3	2	3	3	2	2	3	3	2	3
HARSHIT BAISHKIYAR	11700217092	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ADRIJA DAS	11700217123	3	2	2	2	2	2	1	2	2	1	1	2	2	2	2
ASMITA GHOSH	11700217103	1	1	2	1	2	1	1	2	2	1	1	1	2	1	2
SUBARNA SARKAR	11700217019	1	1	2	1	2	1	1	2	2	1	1	1	2	1	2

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B. Tech. (IT): 2017 - 2021. Program Exit Survey

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RIJA DEY	11700217057	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
SIMANTINI GHOSH	11700217037	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
DAIPAYAN KHAMARU	11700217098	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ARUNAVA GHOSH	11700217104	3	3	3	3	3	3	3	3	3	1	3	3	3	2	3

Department of Information Technology, RCC Institute of Information Technology, Kolkata
B. Tech. (IT): 2017 - 2021. Program Exit Survey

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ATINDRA KUMAR SINGH	11700217102	1	1	2	1	2	1	1	2	2	1	1	1	2	2	2
NILANJAN DUTTA	11700217076	1	3	3	3	3	3	1	3	3	1	1	3	3	1	3
ANKIT SHARMA	11700217114	1	3	3	3	3	3	1	3	3	1	1	3	3	1	3
MANAB MALAKAR	11700217086	1	2	2	2	2	2	1	2	2	1	1	2	2	1	2
RIZWAN ANSARI	11700217054	3	2	2	2	2	2	1	2	2	1	1	2	2	1	2

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B. Tech. (IT): 2017 - 2021. Program Exit Survey

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SIMRAN SHAW	11700217036	3	1	1	1	1	1	1	1	1	1	1	1	1	2	1
SALINE SHAW	11700217047	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PIYUSH KUMAR	11700217072	2	2	2	2	2	2	1	2	2	1	1	2	2	1	2
MADHUMITA GAYEN	11700217087	2	2	2	2	2	2	1	2	2	1	1	2	2	2	2
SHIVANI KUMARI	11700217040	3	2	2	2	2	2	1	2	2	1	1	2	2	1	2

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GOURAV BHATTACHARJEE	11700217093	2	3	3	3	3	3	1	3	3	1	1	3	3	1	3
KARMEER KUMAR THAKUR	11700217089	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SRIPARNA GIRI	11700217020	1	3	2	3	2	3	1	2	2	1	1	3	2	2	2
SUMAN KAYAL	11700217014	1	3	2	3	2	3	1	2	2	1	1	3	2	2	2

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REEMA HAZRA	11700217058	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ABHISHEK PAREEK	11700217128	1	2	1	2	1	2	1	1	1	1	1	2	1	2	1
ANKUR SARKAR	11700217111	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1
RAVI KUMAR	11700217060	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
SNEHA DEEP	11700217034	1	2	3	2	3	2	1	3	3	1	1	2	3	1	3

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SOHAM ROY	11700217032	2	2	3	2	3	2	2	3	3	1	2	2	3	1	3
PRIYANSHU JHA	11700217064	2	2	2	2	2	2	2	2	2	1	2	2	2	3	2
NEHA PRIYADARSHNI	11700217077	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3
PRASHANT KUMAR	11700217068	1	1	3	1	3	1	1	3	3	1	1	1	3	3	3
PREETAM GHOSH	11700217066	3	3	2	3	2	3	3	2	2	1	3	3	2	3	2

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SHREYA SENGUPTA	11700217039	3	3	2	3	2	3	3	2	2	1	3	3	2	3	2
ARUNARKA MUKHOPADHYAY	11700217105	2	2	3	2	3	2	2	3	3	2	2	2	3	3	3
SUBHANGEE	11700217018	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
SUMEDHASEN	11700217013	1	1	3	1	3	1	1	3	3	1	1	1	3	2	3

Department of Information Technology, RCC Institute of Information Technology, Kolkata
B. Tech. (IT): 2017 - 2021. Program Exit Survey

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SUPRATI M DAS	11700217012	1	1	3	1	3	1	1	3	3	1	1	1	3	2	3
DIPANJAN A GHOSH	11700217096	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
SIDHU KUMAR	11700217038	2	1	2	3	2	1	2	2	2	2	2	1	2	3	2
NISHANT GAURAV	11700217074	2	1	3	1	3	1	2	3	3	2	2	1	3	3	3

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ROHAN KUMAR ROY	11700217052	2	1	3	3	3	1	2	3	3	2	2	1	3	3	3
ARNAB DALAL	11700217106	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1
ANKIT KUMAR JHA	11700217116	2	3	3	3	3	3	2	3	3	2	2	3	3	1	3
PINKI KUMARI	11700217030	2	3	3	3	3	3	2	3	3	2	2	3	3	1	3

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SURAJ KUMAR	11700217026	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
SONALI	11700217049	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
SOURAV SAMANTA	11700217099	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SAIMANTI LAHA	11700217015	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1
BISWADEEP SARKAR	11700217108	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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SUKANYA SAHA	11700217027	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ANUSHRE E JAIN	11700217061	1	2	2	2	2	2	1	2	2	1	1	2	2	2	2
SOURAV JAISWAL	11700217071	2	3	3	3	3	3	1	3	3	1	1	3	3	2	3
RAUNAK GUPTA	11700217044	3	1	1	3	1	1	1	1	1	1	1	1	1	1	1
POULOMI SEN	11700217094	1	3	3	3	3	3	1	3	3	1	1	3	3	1	3

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SAYED AKHTAR	11700217084	3	3	3	3	3	3	1	3	3	1	1	3	3	1	3
GOURAB TALUKDAR	11700217025	1	2	2	2	2	2	1	2	2	1	1	2	2	1	2
MD JAVED AKHTAR	11700217083	3	2	2	2	2	2	1	2	2	1	1	2	2	1	2
SOURAV SARKAR	11700217082	1	1	1	1	1	1	1	1	3	1	1	1	3	2	1

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MD NOORAIN	11700217048	3	1	1	1	1	1	1	1	3	1	1	1	1	1	1
MD TAHIR	11700217033	3	2	2	2	2	2	1	2	2	1	1	2	2	1	2
SAKSHI KUTRIYAR	11700217112	1	2	1	2	1	2	1	1	1	1	1	2	1	1	1
SOHAM BANERJEE	11700217016	1	2	1	2	1	2	1	2	1	1	1	2	1	2	1
ANKUR KUMAR	11700217088	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1

Department of Information Technology, RCC Institute of Information Technology, Kolkata
B. Tech. (IT): 2017 - 2021. Program Exit Survey

Name	University Roll Number	How do you rate your ability to apply engineering knowledge in finding solutions to complex engineering problems?(PO1)	How do you rate your skills in problem analysis?(PO2)	How do you rate your proficiency in the design and development of solutions for complex engineering problems?(PO3)	How do you rate your competency in knowledge acquired to conduct research based investigations for complex problems?(PO4)	How do you rate your ability to learn and use modern engineering and IT tools?(PO5)	How do you rate your reasoning ability to assess the societal problems as an engineer?(PO6)	How do you rate your ability to comprehend the impact of engineering solutions on environment and sustainability?(PO7)	How do you rate your commitment to professional ethics and moral values?(PO8)	How do you rate your capacity to function as a team member or leader in multidisciplinary projects?(PO9)	How do you rate your oral and written communication skills?(PO10)	How do you rate your skills pertaining to project management?(PO11)	How do you rate your preparedness for lifelong learning?(PO12)	How do you able to apply skills on the basis of mathematical and programming foundations in the development of computational solutions to design software and hardware.(PSO1)	How well you can work in interdisciplinary environment to conduct Research and development of a product (PSO2)	How well you have learn new technologies for effectively using them in your future endeavors (PSO3)
SUBHASH RI DAS	11700217035	2	2	2	1	2	1	1	2	2	1	1	1	2	1	2
KUMAR ROHAN	11700217085	1	1	2	1	2	1	1	2	2	1	1	1	2	1	2
SK ISHAN ALI	11700217119	2	2	2	2	2	2	1	2	2	1	1	2	2	1	2
MD DANISHUL LAH	11700217129	2	2	3	3	3	1	1	3	3	1	1	1	3	1	3

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AMAN KUMAR VERMA	11700217041	2	2	3	3	3	1	1	3	3	1	1	1	3	1	3
ABHISHEK KUMAR	11700217120	1	1	2	1	2	1	1	2	2	1	1	1	2	1	2
SHIVAM KUMAR SINGH	11700217009	2	2	3	1	3	1	1	3	3	1	1	1	3	1	3
AMAN KUMAR	11700217101	2	1	3	1	3	1	1	3	3	1	1	1	3	2	3

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SUSNATA DAS	11700217100	2	1	2	1	2	1	2	2	2	1	2	1	2	1	2
BARNIK PODDER	11700217110	1	2	2	2	2	2	1	2	2	1	1	2	2	1	2
BICKY KUMAR	11700217117	2	1	3	3	3	1	2	3	3	2	2	1	3	1	3
ANTARA PAUL	11700217022	1	1	2	1	2	1	1	2	2	1	1	1	2	1	2
ANIKET MAJUMDAR	11700217078	1	1	2	1	2	1	1	2	2	1	2	1	3	2	2

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SRIJANI ROY	11700217043	1	2	2	2	2	2	1	2	2	1	1	2	3	1	2
NATASHA CHANDA	11700217046	1	2	2	2	2	2	2	2	2	1	1	2	3	1	2
SHEIKH TABISH	11700217042	2	1	2	3	2	1	2	2	2	1	2	1	3	1	2
SAYAN MUKHERJEE	11700217091	2	2	2	3	2	2	2	2	2	2	2	2	2	1	2
SHIVAM	11700217113	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2

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IMRAN ALAM	11700217122	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1
ANKITA SINGH	11700217107	1	1	1	1	1	1	1	2	1	1	1	1	1	3	1
AKRITI	11700217095	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2
ARKA MONDAL	11700217050	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2
DISHANI KAR	11700217075	2	2	2	2	2	2	1	2	3	1	1	2	2	2	2
SAHIL PRAKASH	11700217062	1	3	3	3	3	3	1	3	3	1	1	3	3	2	3

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NILORMI DAS	11700217080	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1
RAKESH KUMAR	11700217031	3	3	3	3	3	3	1	3	3	1	1	3	3	1	3
MUKESH KUMAR	11700217056	3	3	3	3	3	3	1	3	3	1	1	3	3	1	3
SOMENATH RANA	11700217070	2	2	2	2	2	2	1	2	2	1	1	2	2	1	2
RITAYAN DHARA	11700217069	2	2	2	2	2	2	1	2	2	1	1	2	2	1	2

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SOUMYAJ YOTI DAS	11700217065	2	1	1	1	1	1	1	1	3	1	1	1	3	2	1
PRAGATI KUMARI	11700217118	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PRAPTY CHANDA	11700217124	2	2	2	2	2	2	1	2	2	1	1	2	2	1	2
PRIYA SINHA	11700217017	2	2	1	2	1	2	1	1	1	1	1	2	1	1	1
ANIKET ARORA	11700217067	2	2	1	2	1	2	1	1	1	1	1	2	1	2	1

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ADITYA KUMAR SINHA	11700217081	2	3	1	2	1	1	1	1	1	1	1	1	1	1	1
SUBHANKAR NATH	11700217023	1	3	2	2	2	1	1	2	2	1	1	1	2	1	2
PRATYAY RUDRA	11700217008	2	1	2	1	2	1	1	2	2	1	1	1	2	1	2
MOHAMMED ARSALAN	11700217097	1	1	1	2	1	1	1	1	2	1	1	1	1	1	1

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SREYASH I KARMAKAR	11700217059	1	2	2	2	2	2	1	2	2	1	1	2	2	1	2
SUVAM PATRA	11700217121	2	2	1	2	1	2	1	2	1	1	1	2	1	1	1
DEVASHREE MAHATO	11700217125	2	3	1	3	1	2	1	2	1	1	1	2	1	2	1
RAYA PAUL	11700217127	1	2	2	2	2	2	1	2	2	1	1	2	2	1	2

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AMAN JHA	11700217128	2	3	2	3	2	2	1	2	2	1	1	2	2	1	2
ADITYA KUMAR JHA	11700217129	1	3	1	3	1	2	1	1	2	1	1	2	1	2	1
		1.74	1.90	2.07	2.04	2.07	1.81	1.37	2.11	2.16	1.21	1.37	1.81	2.13	1.54	2.07

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Alumni Survey

Name	I carry fundamental knowledge in mathematics, science, engineering and humanities (PO1)	I am able to identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and production and industrial engineering (PO2)	I am able to design solutions for complex production and industrial engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations (PO3)	I am able to use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions (PO4)	I am able to use modern tools for modelling complex production and industrial engineering activities (PO5)	I am applying reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional (PO6)	I understand the impact of the professional production and industrial engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development (PO7)	I can apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice (PO8)	I am able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings (PO9)	I am able to communicate effectively on complex production and industrial engineering activities with the engineering community and with society at large (PO10)	I am able to apply the knowledge related to Project management and finance. (PO11)	I have life-long learning in broadest context of technological change. (PO12)	I am able to analyze, design, develop, test and apply skills on the basis of mathematical and programming foundations in the development of computational solutions to design software and hardware. (PSO1)	I am able to work effectively in interdisciplinary environment to conduct research and development of a product. (PSO2)	I am able to use new technologies in my professional career.(PSO3)
BITTU KUMAR	1	1	2	1	3	2	1	1	2	2	1	1	2	1	1
AVIJIT DAS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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ARNAB DAS	1	2	2	1	2	2	2	2	2	2	1	2	2	1	2
HIMANSHU JAISWAL	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1

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INDRANI MAITY	2	1	1	2	1	1	2	1	1	1	2	1	1	2	1
SUDHANSHU KUMAR	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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SHASHAN K ROY	2	1	2	2	1	2	2	1	2	2	2	1	2	2	1

Department of Information Technology, RCC Institute of Information Technology, Kolkata

B. Tech. (IT): 2017 - 2021.

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PARTHAJI T MUKHERJEE	3	1	1	3	2	1	3	1	1	1	3	1	1	3	1

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KUMAR ANUBHAV	1	1	2	1	2	2	1	1	2	2	1	1	2	1	1

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PRITHWIRAJ MUKHERJEE	1	1	3	1	1	3	1	1	2	2	1	1	3	1	1

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PRAKASH KUMAR SINGH	2	2	1	2	2	1	2	2	1	1	2	2	1	2	2

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SUPRIYANTA PODDAR	3	2	2	3	2	2	3	2	2	2	3	2	2	3	2

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VISHWADHWAJ KUMAR	1	1	2	1	1	2	2	1	1	2	1	1	2	1	1
SWARNALI ROY	2	2	1	2	2	1	2	2	1	1	2	2	1	2	2

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SANANDA PODDER	3	1	2	3	1	2	3	1	2	2	3	1	2	3	1
SAMRAT HALDER	1	1	2	1	1	2	1	1	2	2	1	1	2	1	1

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SHUBHA GAYEN	3	2	2	3	2	2	3	2	2	2	3	2	2	3	2
ATANU GHARA	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1

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ARGHAD EEP MONDAL	2	1	2	2	1	2	2	1	2	2	2	1	2	2	1

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YASH AGARWAL	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2

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HEMANT KUMAR AGARWAL	1	2	1	1	1	1	2	2	1	2	3	2	3	1	2

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ROHIT SINGH	1	2	1	1	2	1	1	2	1	1	1	2	1	1	2
TIASHA SARKAR	2	1	1	2	1	1	2	1	1	1	2	1	3	2	1

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SOMARROY	2	1	2	2	1	2	2	1	2	2	2	1	2	2	1
ABISHEK KUMAR MONDAL	3	2	2	3	2	2	3	2	2	2	3	2	2	3	2

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BIKRAM MITRA	2	1	1	2	2	1	2	2	2	2	2	1	1	2	1
ASHISH JAISWAL	3	1	1	3	2	1	3	2	2	1	3	1	1	3	1

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Alumni Survey

Name	I carry fundamental knowledge in mathematics, science, engineering and humanities (PO1)	I am able to identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and production and industrial engineering (PO2)	I am able to design solutions for complex production and industrial engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations (PO3)	I am able to use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions (PO4)	I am able to use modern tools for modelling complex production and industrial engineering activities (PO5)	I am applying reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional (PO6)	I understand the impact of the professional production and industrial engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development (PO7)	I can apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice (PO8)	I am able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings (PO9)	I am able to communicate effectively on complex production and industrial engineering activities with the engineering community and with society at large (PO10)	I am able to apply the knowledge related to Project management and finance. (PO11)	I have life-long learning in broadest context of technological change. (PO12)	I am able to analyze, design, develop, test and apply skills on the basis of mathematical and programming foundations in the development of computational solutions to design software and hardware. (PSO1)	I am able to work effectively in interdisciplinary environment to conduct research and development of a product. (PSO2)	I am able to use new technologies in my professional career.(PSO3)
RAHUL KARMAKAR	2	1	1	2	1	1	2	2	1	1	2	1	1	2	1
DEVESH DUGAR	2	1	2	2	1	2	2	2	2	2	3	1	2	2	1

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AMAN JAISWAL	1	2	2	1	2	2	1	2	2	2	2	2	2	1	2
KUMARI RIYA	1	2	1	1	2	1	1	2	1	2	2	2	3	1	2

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SAYON MOULIK	2	1	2	2	1	2	2	1	2	2	3	1	2	2	1
TURNISHA SARKAR	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2

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RITWIKABANERJEE	3	2	1	3	2	1	3	1	1	2	3	2	1	3	2
SHREYAVATS	1	2	1	1	2	1	2	1	2	1	1	2	1	1	2

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		1.83	1.46	1.60	1.83	1.54	1.60	1.97	1.49	1.63	1.69	2.03	1.46	1.77	1.83

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Employer Survey

Organization/Company Name	What is your general impression of the Bachelor's degree program in Mathematics and Sciences?(PO1)	How well students of IT RCCIIT can identify and analyze complex computing problems using principles of mathematics, science and engineering (PO2)	How good you find students are in designing solutions for complex computer engineering problems that meets socio economic aspects like public health and safety(PO3)	How you will rate ability of students to apply engineering knowledge to design experiments, analyze, and interpret data to obtain valid conclusions?(PO4)	Rate student's ability to use techniques, skills and modern engineering tools necessary for engineering practice. (PO5)	Are students aware and have understanding of importance of legal and cultural issues and the consequent responsibilities relevant to engineering practice?(PO6)	Are students aware and understands the impact of professional engineering solutions in societal and environmental contexts? (PO7)	How well students understand the professional responsibility and ethics?(PO8)	Competence to function on multidisciplinary teams (PO9)	How you will rate the communication skills of students? (PO10)	Rate how well students can prepare a specific time line and sequence of activities and use them manage the overall project to ensure its timely completion? (PO11)	How well you are intended for life-long learning through higher education and or participation on different category of platform related to the engineering? (PO12)	How well IT students are prepared to analyze, design, and apply skills on the basis of mathematical and programming foundations in the development of computational solutions? (PSO1)	Give rating for the ability of students to work in interdisciplinary fields to identify research gaps and hence provide solution to environmental and social issues. (PSO2)	Ability of the students to engage themselves in modern technologies in application development.(PSO3)
Hexaware Technologies	2	2	3	1	2	2	3	2	2	3	2	2	3	2	2
Unified Infotech	1	1	2	2	3	1	1	1	3	2	3	1	2	1	2
Accenture	2	2	1	1	2	1	1	1	2	1	2	2	1	1	3
Mount Blue Technologies	2	2	2	1	2	2	1	1	2	2	2	2	3	2	3

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Coditas Solutions	1	1	2	2	1	1	1	2	1	2	1	1	3	1	2
Byju's	2	2	3	1	2	2	1	1	2	2	2	3	2	2	2
Keross Research and Development Center Pvt Ltd	2	2	2	2	2	2	1	2	2	1	2	3	1	1	1

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Edifixio India Pvt Ltd	2	1	3	2	2	1	2	2	3	1	3	2	2	3	1
Webskitters Technology Solution Pvt Ltd	1	2	2	1	2	1	2	2	3	1	3	2	2	2	2
Trisys IT Services Pvt Ltd	1	2	1	2	2	1	1	2	2	1	3	1	2	3	2
	1.60	1.70	2.10	1.50	2.00	1.40	1.40	1.60	2.20	1.60	2.30	1.90	2.10	1.80	2.00