

# PROJECT LOG BOOK

## (UG PROGRAMME)

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**PROJECT TITLE:**

**Project Group No.:**

**Paper Code:**

**STUDENT DETAILS:**

Sl. No.	Class Roll No.	Student Name	Mobile No.												
1.															
2.															
3.															
4.															

**SUPERVISOR NAME:**

Sl. No.	Supervisor Name	Email	Mobile No.												
1.															
2.															



**RCC INSTITUTE OF INFORMATION TECHNOLOGY**

Unit of an Autonomous Society of Department of Higher Education, Govt. of West Bengal

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2463 Fax: +91 33 2323 4668

[www.rcciit.org](http://www.rcciit.org)

# COMPUTER SCIENCE AND ENGINEERING DEPARTMENT, RCCIIT

## OUR VISION

We aspire to prepare world class computing professionals who can blossom into truly global leaders.

## OUR MISSION

**M1:** To develop as a top grade department of excellence in Computer Science and Engineering in terms of education.

**M2:** To boost learning and research environment that will mold students into becoming innovative engineers.

**M3:** To produce exceptional engineers who will be competent at solving real world challenges in industry and commerce with leadership, result orientation and high ethical standards.

## PROGRAMME SPECIFIC OUTCOMES (PSO'S)

**PSO1:** The Computer Science and Engineering graduates are 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.

**PSO2:** Work with and communicate effectively with professionals in inter-disciplinary fields and pursue lifelong professional development in computing and identify research gaps and hence to provide solution to new ideas and innovations to satisfy the environmental and social issues.

## PROGRAMME OUTCOMES (PO'S)

**PO 1. Engineering Knowledge:** Apply knowledge of mathematics, science, computer engineering fundamentals and computer science specialization to the solution of complex computing engineering problems.

**PO 2. Problem Analysis:** Identify, formulate, research literature and analyze complex computer engineering problems using first principles of mathematics, natural sciences and computer engineering sciences for reaching advanced real life solutions.

**PO 3. Design/ Development of Solutions:** Design solutions for complex computer engineering problems and design system components or processes that meet specified needs with appropriate consideration for meeting socio-economic viable aspects like public health and safety, cultural, societal and environmental considerations.

**PO 4. Conduct investigations** of complex computer problems using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions and design of parts, subsystems, systems and/or processes to meet specific needs.

**PO 5. Modern Tool Usage:** Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling of complex computer engineering activities with an understanding of the limitations.

**PO 6. The engineer and society:** Demonstrate understanding of the societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to engineering practice.

**PO 7. Environment and Sustainability:** Understand the impact of professional engineering solutions in societal and environmental contexts utilizing contextual knowledge to assess societal, health, safety, legal and cultural issues and demonstrate knowledge of and need for sustainable development.

**PO 8. Ethics:** Apply principles for fulfillment of professional ethics and responsibilities and norms of engineering practices by providing a written code of conduct from the very beginning.

**PO 9. Individual and Team Work:** Function effectively as an individual, and as a member of a team even in multidisciplinary and multi-cultural settings. Should also develop leadership capability to guide a team both in technical and administrative matters

**PO 10. Communication:** Communicate oral and written effectively on complex technical activities with engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation and make effective presentations.

**PO 11. Project Management and Finance:** Demonstrate knowledge and understanding of engineering and management principles and apply those to one's own work, as a member or leader of a team, to manage projects in multidisciplinary environment

**PO12: Life-long Learning:** Recognize the need for and have the preparation and ability to engage in independent life- long learning in the broadest context of technological change.

## COURSE OUTCOME (CO'S) OF MINOR PROJECT

CO1: Able to identify the Problem & Problem Domain in the broad field of Computer Science & Engineering.

CO2: Familiarization with Research Methodologies and Field Study

CO3: Basic understanding of the Tools and Techniques used

CO4: Identification of the Relevant Resources and Data Set

CO5: Preparation of s/w and h/w requirement analysis

CO6: Goal development in line with flow of work

## COURSE OUTCOME (CO'S) OF MAJOR PROJECT

CO1: Understanding of the underlying technical concepts and theory

CO2: Hands on experience to build the basic models

CO3: Ability to provide mathematical generalize of the solution

CO4: Ability to integrate all the parts and deployment of the project

CO5: Preparing a dissertation and presentation in the standard format for being evaluated by the department

CO6: Preparing paper for conference presentation/ publication in journal, if possible.

**Approved by Departmental Advisory Board**

**EVALUATION PROCESS**

	ALL CA																
	INTERNAL CONTINUOUS ASSESSMENT (60)						EXTERNAL ASSESSMENT (40)										
	CONTINUOUS ASSESSMENT-1 (30)			CONTINUOUS ASSESSMENT-2 (30)			UNIVERSITY EXAM										Uni. Exam (40)
Course Outcomes	CO1	CO2	CO3	CO4	CO5	CO6	UNIVERSITY EXAM	Course Outcome Attainment with target in %									
Distribution of Marks-->	10	10	10	10	10	10	40	CO1	CO2	CO3	CO4	CO5	CO6	Avg CO	Avg CO	32	
Set Target	80%						80%	80%	80%	80%	80%	80%	80%	values	80%	80%	
Level 3---->																	
							1							Student			
							0							wise CO			
							CO attn							attainme			
							Avg Attn							Avg Attn			
							Attn Lvl							Attn Lvl			

**Overall Course Outcome Attainment**

The overall CO attainment level in the course considered is then computed as

**Overall CO attainment level = 60% of CO attainment level in CA tests + 40% of CO attainment level in ESE(End Semester Exam)**

Overall CO attainment level												
PO attainment vale = (Corresponding cell value from Table 1 x Overall CO attainment level for the course )/3												
COURSE NAME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PSO attainment vale = (Corresponding cell value from Table 2 x Overall CO attainment level for the course )/3												
COURSE NAME	PSO1	PSO2										
			Avg values from table 2									
			Overall CO attainment level									
			Attainment of PSO for this course									

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<b>Problems encountered</b>	
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<b>Project plan status (on, ahead, behind)</b>	
<b>Full Student Signature with date</b>	1. <span style="float: right;">2.</span>
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<b>Supervisor comments</b>	
<b>Supervisor signature with date</b>	

(1)

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(2)

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(3)

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(4)

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(5)

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<b>Supervisor comments</b>	
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(6)

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(7)

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(8)

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(9)

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(10)



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(11)

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(12)

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(13)

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(15)

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(16)

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(17)

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(18)

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(19)

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(20)

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(21)

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(22)

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(25)

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(27)

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(28)

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(29)

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(30)

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(31)

<b>Date</b>	
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(32)

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(33)

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[www.rccit.org](http://www.rccit.org)**