

About RCCIIT:

RCC Institute of Information Technology is an ISO 9001-2008 & ISO 14001-2004 certified; Government-Aided Self-Financing Engineering Institute under an autonomous Society of Dept. of Higher Education, Govt. of West Bengal. It was setup in 1999 with an active support and collaboration of Ministry of Information Technology, Government of India and Department of Higher Education, Government of West Bengal.

About the Department of Electronics and Communication Engineering and Department of Basic Science and Humanities:

The faculties of the concerned subjects of the department develop and nurture a Technical Education System in the country which would produce skilled manpower of the highest quality comparable to the very best in the world and in adequate numbers to meet the complex technological needs; and provide the nation a comparative advantage in the creation and propagation of innovative technological solutions and in the development of a technological capacity of the highest order, both for its application in economic development of the country and for becoming a major supplier of technology and technological services in the world.

Objective of the FDP:

This Faculty Development Programme is designed to create a platform for the target group to revisit the fundamentals of solid state matter, different computational tools, experimental techniques and applications.

The vision of this initiative is to create and disseminate knowledge in both theoretical and experimental domain and also to familiarize with the current trends of the topics.

The FDP also has been designed to expand understanding and scope in interactive learning environment by establishing a framework for relevant cutting-edge topics in their own teaching/research areas.

Domain likely to be covered:

This programme will provide the participants to exchange ideas and promote discussions about the fundamentals of

- i) Band structure
- ii) Spectroscopy- Theoretical and Experimental
- iii) Nanoscience: Synthesis, Characterization and Application of Nanomaterials
- iv) Computational Electromagnetics
- v) Computational Nanotechnology
- vi) Semiconductor Optoelectronics and Photonics
- vii) Physics at Semiconductor Junctions
- viii) Simple experimental techniques to solve physics and chemistry related problems
- ix) Technological solutions of environmental problems
- x) Microelectronics and VLSI
- xi) Radio Wave Propagation
- xii) High Energy Physics

Registration Fee:

Rs. 1250/- (One Thousand Two Hundred Fifty) only for external participants. However, there is no registration fee for internal participants.

**NO accommodation will be provided.
NO Spot Registration will be entertained.**

ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON

“Fundamentals and Advances of Solid State Matters for Technological Applications”

**Financially Sponsored by TEQIP-II
Organized by
Dept of Electronics and Communication
Engineering**

**&
Dept of Basic Science and Humanities**

**RCC INSTITUTE OF INFORMATION
TECHNOLOGY**

6th July -10th July 2015



**Unit of an Autonomous Society of the
Department of Higher Education,
Government of West Bengal
Govt. Aided Self Financing Institution
Canal South Road, Beliaghata, Kolkata – 700015
Phone-+91 33 2323 2463
Fax+91 33 2323 4668
www.rcciit.org**

Criteria for Participation:

[i] The candidate should be a **Faculty/ Research Scholar/Project Scientist/ Post-Doctoral fellow of AICTE/UGC approved Institution/ Research Laboratory.**

[ii] The candidate **may present his/her research work through oral/poster format** in the programme where the **topic of the presentation should be one of the domains of the FDP. One page abstract** should be submitted at the time of application in the prescribed format based on the proposed presentation.

Advisory Committee:

Prof. Sparshamoni Chatterjee, Chairman,
RCCIIT and Former VC, BESU.

Dr. Debojyoti Mitra, Principal, RCCIIT.

Mr. Chinmay Ghosal, Finance Officer,
RCCIIT.

Mr. Biswanath Chakraborty, Coordinator,
TEQIP-II, RCCIIT.

Dr. Tirtha Sankar Das, HOD, ECE Dept,
RCCIIT

Dr. Tathagata Deb, HOD, Dept of Basic
Science & Humanities, RCCIIT

Dr. P. K. Das, Prof, Dean Academic, RCCIIT

Dr. Siddhartha Bhattacharyya, Asso. Prof,
HOD, IT Dept, Dean R&D, RCCIIT

Organizing Committee

Mr. Arpan Deyasi, Convener, ECE Dept

Dr. Himadri Mullick, Convener, BS & HU Dept

Mr. Kuntal Chakraborty, BS & HU Dept

Mr. Soumitra Dey, BS & HU Dept

Mr. Goutam Khan, BS & HU Dept

Mrs. Pragati Sengupta, BS & HU Dept

Mr. Dileep Kumar, ECE Dept

Mr. Sanjay Banerjee, ECE Dept

Program Committee

Mrs. Arpita Banerjee (Roy), ECE Dept

Mr. Abhishek Basu, ECE Dept

Mr. Soham Sarkar, ECE Dept

Mr. Srijobendu Bagchi, ECE Dept

Mr. Nandan Bhattacharyya, ECE Dept

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Mrs. Arpita Ghosh, ECE Dept

Mrs. Tiya Dey Malakar, ECE Dept

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Dr. Kanchan Kr. Patra, BS & HU Dept

Dr. Papia Datta, BS & HU Dept

Dr. Sangita Agarwal, BS & HU Dept.

Mr. Manoranjan Jana, BS & HU Dept.

Mr. Tridib Pathak, BS & HU Dept.

Ms. Satarupa Chatterjee, BS & HU Dept.

Dr. K.K. Ghosh, BS & HU Dept.

Dr. T.K. Majumder, BS & HU Dept.

Dr. S. K. Dey, BS & HU Dept.

Dr. P.N. Dutta, BS & HU Dept.

Ms. Jhuma Ray, BS & HU Dept.

Registration Procedure:

Interested Candidates can apply by mailing a scanned copy of filled-in Registration form with seal of the respective Authority along with one page abstract in the prescribed format (*.doc/*.docx) (Title: TNR 12 font; 1 line space; Authors name: TNR 11 font bold; 1 line space; Affiliation with e-mail id: TNR 11 font, 1 line space; Abstract: TNR 10 font; Equation should be written using equation editor; Figures should have good resolution; 1 line space; Reference: TNR 10 font; single-line spacing) to either of the following mail-id:

rcciit.fassmta2015 @gmail.com

arpan.deyasi@gmail.com

himu1974@gmail.com

After receiving confirmation letter, original form along with registration fee (in cash) must have to be submitted within 30th June 2015, against which money receipt will be provided.

Attendances at every session are mandatory. Every participant will get the certificate mentioning the fact that s/he presented one technical paper in the FDP.

An abstract book will be provided in electronic format and hardcopy which will contain the brief lecture details of the eminent speakers as well as the abstract of the participants.

REGISTRATION FORM

Fundamentals and Advances of Solid State Matters for Technological Applications

FASSMTA-2015

(FDP Sponsored by TEQIP-II)

Venue: RCC Institute of Information Technology

6th July to 10th July, 2015

Name:

Affiliation with Designation:

Highest Qualification:

Specialization:

Research Interest:

Mobile:

E-mail:

Title of Abstract:

Food Habit: Veg/Non-Veg

Applicant's Signature:

Date:

The above applicant will be permitted to participate in the FDP FASSMTA-2015.

Signature of the Principal/Head of the Department
with Seal