

### **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:**

The faculties of the concerned subjects in the Department develop and nurture a Technical Education System in the College which would produce skilled manpower of the highest quality comparable to the very best in the Country 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 electromagnetic, propagation of electromagnetic wave in bounded and unbounded media, design of antenna for high-frequency communication, materials for antenna design, computational electromagnetic,

photonics and microwave semiconductor device.

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) Fundamentals of Electromagnetic Theory**
- ii) Computational Electromagnetics**
- iii) Novel Antenna Structure**
- iv) Novel Materials for Antenna Design**
- v) Microwave Semiconductor Devices**
- vi) Electromagnetic Wave Propagation**
- vii) Photonics**

**Also laboratory visit is arranged. Short poster session will help the participants to acquire knowledge on development of electromagnetic theory, and UG/PG project works carried in RCCIIT in the domain of electromagnetics and photonics. Interactive oral session will also be held by the participants working in the field.**

### **Registration Fee:**

**Rs. 1000/- (One Thousand)** 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**

## **Physics and Application of Electromagnetic Wave Propagation**

**Technically sponsored by  
The Institution of Engineers (INDIA)  
Financially Sponsored by TEQIP-II  
Organized by  
Dept of Electronics and Communication  
Engineering**

**RCC INSTITUTE OF INFORMATION  
TECHNOLOGY**

**4<sup>th</sup> January – 8<sup>th</sup> January 2016**



**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  
www.rcciit.org**

### **Criteria for Participation:**

The candidate should be a **Faculty/Research Scholar/Project Scientist/Post-Doctoral fellow** of **AICTE/UGC approved Institution/ Research Laboratory or Industry person of concerned domain.**

### **Optional:**

The candidate **may present his/her research work through oral 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. Proceedings will be published with the abstracts.

### Advisory Committee:

**Prof. Sparshamoni Chatterjee**, Chairman, RCCIIT and Former VC, BESU.  
**Prof. Arup Kumar Bhaumik**, Principal, RCCIIT  
**Mr. Chinmay Ghosal**, Finance Officer, RCCIIT  
**Mr. Biswanath Chakraborty**, Coordinator, TEQIP-II, RCCIIT  
**Prof. Tirtha Sankar Das**, HOD, ECE Dept, RCCIIT  
**Prof. Siddhartha Bhattacharyya**, Asso. Prof, HOD, IT Dept, Dean R&D, RCCIIT  
**Prof. P. N. Basu**, Dean, QA  
**Prof. Samiran Chowdhury**, Dean, IQAC  
**Prof. P. K. Das**, Dean Academic, RCCIIT  
**Prof. P.N. Dutta**, Dean, Student Affairs, BS & HU Dept.

### Organizing Committee

Mr. Arpan Deyasi, Convener, ECE Dept  
Mrs. Pampa Debnath, Convener, ECE Dept  
Mr. Dileep Kumar, ECE Dept  
Mr. Achintya Chakrabarty, ECE Dept  
Mr. Sanjay Banerjee, ECE Dept  
Mr. Jayatu Panda, ECE Dept  
Mr. Sankar Banerjee, ECE Dept

### Programme Committee

Mrs. Arpita Banerjee (Roy), ECE Dept  
Mrs. Saraswati Saha, ECE Dept  
Mrs. Tiya Dey Malakar, ECE Dept  
Mrs. Arpita Ghosh, ECE Dept  
Mr. Nandan Bhattacharyya, ECE Dept  
Mr. Anindya Basu, ECE Dept  
Mr. Sujoy Mondal, ECE Dept  
Mr. Soham Sarkar, ECE Dept  
Mr. Abhishek Basu, ECE Dept  
Mr. Srijibendu Bagchi, ECE Dept  
Mr. Abhijit Sankha Banick, ECE Dept  
Mr. Nisith Ranjan Roy, ECE Dept  
Mr. Somnath Ghosh, ECE Dept  
Mr. Mostafa Kazi, ECE Dept

### Registration Procedure:

Interested Candidates can apply by mailing a scanned copy of filled-in Registration form with seal of the respective Authority (optional - one page abstract along with the form) 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 the following mail-id:

[arpan.deyasi@gmail.com](mailto:arpan.deyasi@gmail.com)  
[poonam.4feb@gmail.com](mailto:poonam.4feb@gmail.com)

After receiving confirmation letter, original form along with registration fee (in cash) must have to be submitted within 23<sup>rd</sup> December 2015, against which money receipt will be provided.

Attendances at every session are mandatory. Every participant will get the certificate for participation if (/s)he maintains 100% attendance in the programme. Additional certificate will be given for the contributor of abstracts 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

## Physics and Application of Electromagnetic Wave Propagation

PAEWP-2015  
(FDP Sponsored by TEQIP-II)  
Venue: RCC Institute of Information Technology  
4<sup>th</sup> January to 8<sup>th</sup> January 2016

Name:

Affiliation with Designation:

Highest Qualification:

Specialization:

Research Interest:

Mobile:

E-mail:

Title of Abstract (optional):

Food Habit: Veg/Non-Veg

Applicant's Signature:

Date:

The above applicant will be permitted to participate in the FDP PAEWP-2016.

Signature of the Principal/Head of the Department with Seal