

# Diverse Application in Microwave Engineering (DAME-2015)

(One Week FDP Sponsored by TEQIP-II)

Venue: RCC Institute of Information Technology

29TH JUNE -3RD JULY, 2015

## REGISTRATION FORM

\*Name: \_\_\_\_\_

\*Affiliation: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\*Highest Qualification: \_\_\_\_\_

Specialization: \_\_\_\_\_

Research Interest: \_\_\_\_\_

\*Mobile/Landline: \_\_\_\_\_

\*E-mail: \_\_\_\_\_

\*\*Food Habit:  Vegetarian  Non-Vegetarian

\*Applicant's Signature: \_\_\_\_\_

\*Date: \_\_\_\_\_

The above applicant will be permitted to participate in the  
National level FDP DAME-2015.

Signature of the Principal/ Head of the Department with Seal

\*\* Tick the appropriate

\*Mandatory

## ADVISORY COMMITTEE

**Prof. Sparshamoni Chatterjee**

Chairman, RCCIIT and Former VC, BESU

**Dr. Ashoke Mondal**

Officiating Principal, RCCIIT

**Dr. Tirtha Sankar Das**, Associate.

Professor.,HOD ECE, RCCIIT

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

**Mr. Chinmay Ghosal**, Finance Officer, RCCIIT

**Mr. Biswanath Chakraborty**, Coordinator,

TEQIP-II, RCCIIT

## ORGANISING COMMITTEE

- Mrs. Pampa Debnath, Asst. Prof. ECE,  
Convener.
- Mr. Srijibendu Bagchi, Asst. Prof. ECE,  
Convener.
- Mr. Abhishek Basu, Asst. Prof. ECE,  
Coordinator
- Mr. Nandan Bhattacharyya, Asst. Prof. ECE,  
Coordinator
- Mrs. Arpita Banerjee (Roy), Asso Prof.,  
Member
- Mr. Soham Sarkar, Asst Prof., Member
- Mr. Arpan Deyasi, Asst Prof., Member
- Mrs. Saraswati Saha, Asst Prof., Member
- Mrs. Arpita Ghosh, Asst Prof., Member
- Mrs. Tiya Dey Malakar, Asst Prof., Member
- Mr. Sujoy Mondal, Asst Prof., Member
- Mr. Anindya Basu, Asst Prof., Member

## CONTACT DETAILS

- Mrs. Pampa Debnath, Asst. Prof. ECE

Mobile: +91 9874891441

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

- Mr. Srijibendu Bagchi, Asst. Prof. ECE

Mobile: +91 9748566853

Email: [srijibendu@gmail.com](mailto:srijibendu@gmail.com)

ONE WEEK FACULTY DEVELOPMENT  
PROGRAM ON

## “Diverse Application in Microwave Engineering”

Financially Sponsored by TEQIP-II

Organized by Electronics and Communication  
Engineering Department

**RCC INSTITUTE OF INFORMATION  
TECHNOLOGY**

29TH JUNE -3RD JULY, 2015



Unit of an Autonomous Society of the  
Department of Higher Education,  
Government of West Bengal

A World Bank funded (TEQIP-II), Government  
Aided Self Financing Institution  
Canal South Road, Beliaghata, Kolkata – 700015  
Phone-+91 33 2323 2463 | Fax+91 33 2323 4668  
[www.rccit.org](http://www.rccit.org)

## RCC INSTITUTE OF INFORMATION TECHNOLOGY

RCC Institute of Information Technology (RCCIIT) is a World Bank funded (TEQIP - II) Government aided self financing Engineering College under an autonomous Society of the 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

### Vision:

RCCIIT, Kolkata, maintains the status of a leading Engineering college in Eastern India, who is committed to continuous endeavor to comply with higher general & statutory standards set for technical institutions, to create employable professional engineers, responsible global citizens and technological problem solvers; empowered to boost regional, national and global economy in particular in ITES sectors, through application of latest IT tools, techniques and their allied engineering disciplines.

### Mission:

- RCCIIT, Kolkata, will undertake all possible efforts and optimum utilization of available resources in a sustainable manner in order to achieve the following;
- Preference to ever improving & innovative learning practices by students over traditional teaching methods.
- Selection, grooming & retention of talented, qualified & committed faculty and staff,
- Development of relevant infrastructure and learning resources with conducive climate to pursue planned research and learning practices by all the stakeholders,
- Grooming faculties as role models for transferring the human, social and national values to the students and scholars. Transforming students into role ready graduates, with abilities to apply latest IT and allied technologies, with emphasis on use of green technology commensurate with regional and global needs to improve quality of life of people.

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department of Electronics and Communication Engineering is successfully running since 2006. From

2012 the department also started PG program in Tele Communication to make a significant contribution in the field of higher studies. The Department used to organize seminars, development programs, and workshops for faculties, staffs and students in support of incessant development. A pool of competent faculty member of the Department constantly motivates the students to get placed by means of job, research and higher studies; and the outcomes reflect in the achievement. The Department is also involved actively in the frontier research, corroborated by a significant number of research papers in various national and international journals and conferences.

### Departmental Vision:

To ignite young minds into world class Electronics and Communication Engineers who become global leaders by making a difference to the world at large.

### Departmental Mission:

To achieve excellent standards of value based quality education with market driven research orientation in order to create technologically superior and ethically strong manpower of global standards.

### Background and Objective of the program:

This FDP intends to focus on the methodology for the design and development of the components at Microwave and Millimeter Wave Frequencies. Microwave techniques have been progressively adopted in diverse applications as space navigation, radar system, medical equipment, radio astronomy, long distance communication and missile electronic system. It continuously endeavors to provide a timely update on latest state of the art technologies and tools in RF and Microwave domain. The aim of this program is to provide a pedestal to the participant to grab knowledge in the field of Microwave techniques in various applications and about the developing technology of Microwave integrated circuits. Wireless communication is a major area where microwaves are used to connect people around the globe. Antenna is an important component in wireless communication. Recently, huge research activities are going on to achieve many advanced features of Microwave Antenna. This course will provide detail information about Microwave devices and circuits, Metamaterials,

Millimetre wave and sub millimetre-wave technologies, Microstrip antennas, Smart Antenna and MIMO antenna, Antenna arrays, Ultra-wideband techniques and applications. It is expected that after completion of the course, the participants will acquire some idea about the pervasive growth of microwave engineering.

### REGISTRATION GUIDELINE

The FDP is mainly aimed for faculty members of all Universities and Engineering colleges across India. However registration is limited and will be done on first come priority basis. This FDP has to be attended on all five days. **Attendances at every session are mandatory to qualify for the Certificates.** Certificates will be issued on the concluding day of the FDP.

- **Registration fees– Rs.1500.00**
- **NO accommodation will be provided**
- **NO Spot Registration will be entertained**

**Participants can mail a scanned copy of their duly filled-in Registration form to the following email id:**

[rcciitece.fdp@gmail.com](mailto:rcciitece.fdp@gmail.com)

**Original form must have to be submitted by 22.06.2015.**

### Tentative Itinerary

Date	1 <sup>st</sup> Session	2 <sup>nd</sup> Session
29.06.15	Prof. M.Mitra (IEST)	Dr.J.Y.Siddiqui (CU)
30.06.15	Dr. A.Bose (BU)	Prof. R.Ghatak(NIT Dgp)
01.07.15	Industry visit	Dr.P.P.Sarkar (KU)
02.07.15	Prof. G.K.Mohanti (NIT Dgp)	Mr. A. Majumder (SAMEER)
03.07.15	Dr. B.Ghosh (IIT Kgp)	Valedictory

- \*Registration on June 29<sup>th</sup>, 2015 (10:00am - 11:00am)
- \*Inauguration on June 29<sup>th</sup>, 2015 (11:00 – 11.30am)
- \*Daily Lunch (1.30pm – 2.30pm) other than 1.07.15
- \*1<sup>st</sup> Session will start from 11.30am and 2<sup>nd</sup> Session will start from 2.30pm (Daily)