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Hon'ble Vice Chancellor  
Dr. APJ Abdul Kalam Technical University, Lucknow

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**CONVENER:**

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Dr. Arun Kumar Tiwari, HOD-MED, IET  
Prof. O.P. Singh, TEQIP-III Coordinator, IET

**LOCAL ORGANIZING COMMITTEE:**

Prof. SRP Sinha, ECD, IET  
Dr. RCS Chauhan, ECD, IET  
Er. Amit Kumar, ECD, IET  
Dr. Nitin Anand Nodal Officer (Academic) TEQIP-III, IET  
Mr. Rajeev Mishra, Nodal Officer Proc-2, TEQIP-III, IET

**ABOUT THE FDP:**

Department of Electronics Engineering, Institute of Engineering and Technology (IET), Lucknow is organizing TEQIP-III sponsored 05-day Faculty Development Programme (FDP) on "Recent Trends in High Frequency Devices and Applications (RTHFDA-2019) from 17<sup>th</sup> to 21<sup>st</sup> June, 2019. The FDP is designed to bring together under the same canopy the researchers, academia and national laboratories from different parts of the country for exchanging and sharing the recent developments in the field of high frequency devices particularly high-power high-frequency devices and their applications.

**RESOURCE PERSONS:**

The following resource persons/experts of repute from prestigious universities, IITs, DRDO and CSIR laboratories are likely to present their deliberations in the program.

Professor BN Basu, IIT-BHU/SKFGI  
Dr. S K Datta, DRDO-MTRDC  
Dr. LM Joshi, CSIR-CEERI, Pilani  
Dr. AK Sinha, CSIR-CEERI, Pilani  
Dr. Raktim Guha, CSIR-CEERI, Pilani  
Dr. Vishant Gahlaut, Banasthali University  
Professor MV Kartikeyan, IIT-Roorkee  
Professor Dharmendra Singh, IIT-Roorkee  
Dr. Hemendra Kumar Pandey, BARC Kolkata  
Dr. M Thottappan, IIT-BHU  
Dr. Ravi Gangwar, IIT-ISM Dhanbad  
Dr. Ashutosh Singh, BBAU, Muzaffarpur  
Dr. Veer Vikram Gangwar, DRDO-LRDE

Quite a good number of participants are likely to be aspirants for registration. Due to limited number of seats as per guidelines of AICTE, the registration will be done on the first-cum-first-served basis and according to the stipulated norms.

**ABOUT INSTITUTE:**

Institute of Engineering and Technology (IET), Lucknow is one of the premier government technical institute of engineering and technology in Uttar Pradesh, India. The Institute was established in 1984 and is currently an autonomous institute recognized by AICTE. The institute is a constituent college of Dr. APJ Abdul Kalam Technical University, Lucknow.

**HOW TO REACH:**

The city of Lucknow is well connected by road, rail and air with all the important places of India. The Institute of Engineering & Technology (IET) Lucknow campus, is 12 Kms from Lucknow railway station and 23 Kms from the airport. The program venue is IET Lucknow campus.

**Faculty Development Program**

on

**Recent Trends in High Frequency Devices and Applications (RTHFDA-2019)****17-21 June, 2019****Sponsored By****TEQIP III, IET LUCKNOW****Organized By****Department of Electronics Engineering  
IET Lucknow****Contact:****DR. RAJIV KUMAR SINGH****Ph: +919417234560****Email: [rk Singh@ietlucknow.ac.in](mailto:rk Singh@ietlucknow.ac.in)****Institute of Engineering and Technology,  
(A constituent college of Dr. APJ AKTU, UP, Lucknow)****Sitapur Road, Lucknow – 226021****Web: <https://www.ietlucknow.ac.in>**

## FDP on

### Recent Trends in High Frequency Devices and Applications (RTHFDA-2019)



17-21 June, 2019  
IET Lucknow

#### COURSE MATERIAL:

Hard or soft copies of lecture notes and presentations will be made available to participants at the end of FDP. Registration kit, lunch and tea will be provided to the participants.

#### OBJECTIVES OF THE COURSE

1. To provide a forum to exchange views & ideas related to microwave engineering.
2. To improve and boost the faculty's ability in carrying out research, invention and to do innovations in microwave engineering area.
3. To share the knowledge in terms of protection of commercial interests of creators and innovators, and serving the public interest.

#### TOPICS TO BE COVERED

1. Challenges of industry in Microwave application areas.
2. Various aspects of designing microwave devices.
3. Recent advances in Gyro-Klystrons.
4. Development of Electron Gun: Issues & Challenges.
5. Challenges in Microwave Communication.
6. Metamaterials for microwave devices.
7. Development of gyrotron devices.

8. Antennas for high information density communication
9. Hands-on-training on simulation software

#### WHO CAN ATTEND?

The programme is open to the teachers of Engineering Colleges, Management Colleges and other allied disciplines. No course fee is charged from participants.

#### HOW TO APPLY?

The registration is a two steps process:

- 1- Submission of Registration Form:** Participants are required to download the registration form from the link provided "download registration form" available on (<http://tiny.cc/yfp27y>) or institute website (<https://www.ietlucknow.ac.in>) Kindly fill the downloaded form manually and get it dully signed by concerned authority (principal/director) of your institute and send the scanned copy of this RTHFDA-19 registration form to "rksingh@ietlucknow.ac.in" on or before 3rd June, 2019. Participants are also required to submit hard copy of the registration form on the first day of FDP.
- 2. Submission of Online Application Form:** Kindly fill your details to be provided in the online application form given in <https://forms.gle/4EhX2YTveNWe8WYJ6> institute's website (<https://www.ietlucknow.ac.in>) and submit it.

#### SELECTION CRITERIA:

Selection will be done based on first-come-first-serve basis to a maximum number of 40 (forty). The list of selected participants will be intimated through e-mail. Candidates will be issued certificates on successful completion of the course.

#### VENUE:

Seminar Hall, Electronics Engg. Dept, IET Lucknow.

#### IMPORTANT DATES:

Last Date of Registration: June 14, 2019  
Intimation of Selection: June 16, 2019  
Duration of Program: June 17-21, 2019

## REGISTRATION FORM

1. Name:.....
2. Father's Name:.....
3. Institution: .....
4. Designation: .....
5. Email-ID: .....
6. Mobile No.: .....
7. Aadhar No.: .....
8. Address for Correspondence: .....
9. Subjects taught so far: .....
10. Educational Qualification: .....
11. No. of refresher courses/workshops attended: .....
12. Experience (in years): .....

Place:

Date:

Signature of  
Applicant

Signature & Seal  
(Head of Dept. / Institute)