

## Don Bosco College of Engineering, Goa

Don Bosco College of Engineering (DBCE) Fatorda, managed by the Fatorda Salesian Society was started in the year 2011 with the mission of educating the younger generation with technical knowledge, moral and a spiritual approach to life to face global changes. It is approved by DTE, Government of Goa, AICTE, New Delhi, India and is affiliated to Goa University.

The Department of Electronics and Telecommunication Engineering established in 2011 with the primary objective to impart quality education, training and research at the undergraduate level in various areas of ETC Engineering. The students are also provided an opportunity to choose specialization electives to focus on their identified areas of interest such as Embedded Systems, Biomedical Electronics and Instrumentation, VLSI Technology, Digital Image Processing, and Optical Networking.

## National Institute of Technology, Goa

National Institute of Technology Goa (NITGoa) is an autonomous institute functioning under the aegis of Ministry of Human Resource Development (MHRD), Govt. of India.

The Electronics and Communication Engineering Department of NIT Goa was formed in 2010. It offers B.Tech., M.Tech. in VLSI and Ph.D. program in Electronics and Communication Engineering. The goal of the department is to impart both theoretical and practical knowledge in Electronics and Communication Engineering to students so as to enable them for technology and research. The department covers following major areas in Electronics and Communication Engineering through its courses and projects: VLSI, Communication and Networking, Signal Processing, Microelectronics and Electronics Design, Electromagnetics. Faculty members in ECE department are committed towards teaching and research.

## Chief Patron

Rev Fr. Kinley D'Cruz, Director, DBCE  
Dr. Gopal Mugeraya, Director, NIT Goa

## Patroness

Dr. Neena S.P. Panandikar  
Principal, DBCE

## Conveners

Dr. Varsha Turkar  
HOD, Dept. of ETC, DBCE

Dr. Vasantha M. H.  
Registrar, NIT Goa

## Coordinators

Mrs. Trima Fizado  
(Asst. Prof., DBCE)

Mrs. Samantha Cardoso  
(Asst. Prof., DBCE)

Dr. Lalat Indu Giri  
(Asst. Prof., NIT Goa)

Dr. Pragati Patel, NIT Goa  
(Asst. Prof., NIT Goa)

## Broadcasting Team

Mr. Yeshudas Muttu, Asst. Prof., DBCE  
Dr. Shreyas Simu, Asst. Prof., DBCE  
Mr. Ignatius Dias, DBCE

One week online

## **ISTE Approved Faculty Development Programme (Self Financing)**



on

# **RECENT TRENDS IN RF and MICROELECTRONICS**

**31st August to 4th September 2020**

organized by

Department of Electronics  
& Telecommunication Engineering  
**Don Bosco College of Engineering, Goa**  
and

Department of Electronics  
& Communication Engineering  
**National Institute of Technology Goa**

Technically sponsored by  
IEEE Bombay Section  
WIE Affinity Group

**IEEE BOMBAY SECTION**



## Course Objective

To provide insights on the research areas of RF and Microelectronics

## Course Content

- Microelectronics for RF Signal Processing
- Trends in Integrated Circuit Technology
- Design of High Speed Comparators
- Design of Gm-C based Low Power Continuous Time Filter
- Design of Matching Networks for RFIC Application
- Millimeter Wave Antennas: Design and Challenges
- Recent Trends in the Dielectric Resonator Antennas for Various Applications
- Satellite: Configuration, Design, Assembly, Integration and Testing
- Spacecraft Antennas: Design & Development Challenges
- Non-destructive Evaluation of Concealed Objects via Microwave Imaging
- Thermal Imaging for Biomedical Instrumentation & Agriculture Electronics

## Important Dates

Last Date of Application: 27th August 2020  
FDP Duration: 31st Aug - 4th Sept 2020  
FDP Timings: 10:00 am - 5:00 pm

## Eligibility

Faculty members of all colleges, Research Scholars and Industry Professionals in the related fields are eligible to attend the course.

## Eminent Speakers



Mr. Puneet Mishra  
Scientist ISRO  
Chair, IEEE Bangalore  
Secretary, IEEE India Council



Dr. Satyanarayana Bheesette  
Tata Institute of  
Fundamental Research  
Mumbai



Dr. Nithin Kumar Y.B.  
Asst. Prof. & Head  
Dept of ECE  
NIT Goa



Dr. Milind Mahajan  
Group Director  
Antenna Systems Group  
SAC ISRO-Ahmedabad



Vasantha M.H.  
Assoc. Prof. & Registrar  
Dept. of ECE, NIT Goa



Dr. Hasanali Virani  
Prof. & Head  
Dept of ETC, GEC



Dr. E. Mallikarjun  
Asst. Prof.  
Dept of ECE  
NIT Goa



Mrs. Mohini Naik  
Asst. Prof.  
Dept. of ETC  
DBCE



Dr. Pragati Patel  
Asst. Prof.  
Dept. of ECE  
NIT Goa



Dr. Anirban Chatterjee  
Asst. Prof.  
Dept of ECE, NIT Goa



Dr. Lalat Indu Giri  
Asst. Prof.  
Dept of ECE, NIT Goa

## Registration

### **Link of Google Form:**

<https://forms.gle/1PN9bEcra7c9xeU9>

**Registration Fees: Rs. 200/- for all participants**

Payment related query contact:

9850718244 / 9921372440

For more information visit: [www.dbcegoa.ac.in](http://www.dbcegoa.ac.in)

## Payment Mode

UPI Payment or Online NEFT Details

Bank Account Name: DON BOSCO COLLEGE OF ENGINEERING

Bank Account Number: 103810210000051

IFSC CODE: BKID0001038

Branch: FATHORDA

Bank Name: BANK OF INDIA

## Important Note

- Interested candidate/participant has to complete the online registration form for participation in FDP.
- Transaction ID is compulsory for filling the online registration form.
- Submission of feedback form and quiz is mandatory on day to day basis to be eligible for the e-certificate.

## Contact Details

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