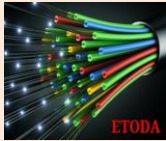


**One Week
TEQIP III SPONSORED
Faculty Development Programme**

on

**“Emerging Trends in Optical for All
Domain Applications (ETODA)”**



11th - 15th, March 2019

Organized By:

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**



**DEEN BANDHU CHHOTU RAM UNIVERSITY OF SCIENCE AND
TECHNOLOGY
MURTHAL, SONIPAT, HARYANA, 131039**

REGISTRATION FORM

Name :
Academic Qualifications :
Designation :
Specialization :
Department /Institution :
Teaching Experience :
Telephone/Mobile :
E-Mail :

Signature of participant

Sign and Seal of Head of Institution

**DEEN BANDHU CHHOTU RAM UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

Deenbandhu Chhotu Ram University of Science and Technology (erstwhile C. R. State College of Engineering) was established through an Act of Haryana State Legislature on 6th November, 2006 to facilitate and promote studies and research in emerging areas of higher education with focus on new frontiers of Science, Engineering, Technology, Architecture and Management studies. The University is recognized under 12 (B) of the UGC Act, 1956. The University has been accorded ‘Affiliating Status’ by Act of Haryana State Legislature on 3rd August, 2011. The University provides an outstanding learning environment for multifaceted development of students, thus emerging as a center of excellence. The University is spread over 273 acres and has a fully residential campus with ample built up space in a contemporary architectural idiom. It has 16 teaching departments under 6 different Faculties. Different Undergraduate and postgraduate programmes are accredited by National Board of Accreditation & others are in process. University has also been accredited by NAAC with ‘A’ grade. The University has highly qualified faculty, well-equipped library, computer centre with high speed internet facility, faculty rooms, classrooms, & substantial sports facilities, etc. The University is funded under TEQIP of MHRD of Government of India being funded by the World Bank. Various departments have successfully undertaken many UGC/AICTE/DST/DBT sponsored projects. The University is known in the region not only for students with technical, analytical and soft skills but also for its strong placement statistics.

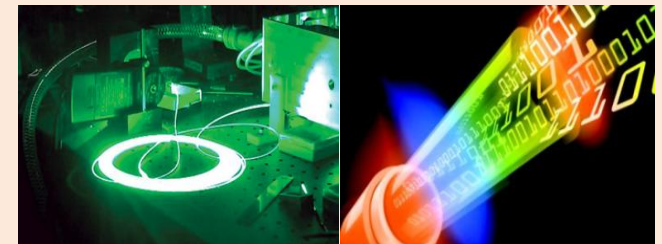


**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

The Department of Electronics & Communication Engineering occupies a prominent place within the overall

structure of the erstwhile CRSCE since 1987 & DCRUST since 2006. The Department offers Bachelor of Technology Programme with an intake of 60, Master of Technology Programmes *i.e.* M.Tech. in Electronics & Communication Engineering and M.Tech. in ECE (VLSI Design) with an intake of 18 and Ph.D. programme. The course curriculum has been designed incorporating inputs from academia & industries in such a way that optimum magnitude has been assigned to basic as well as advance course so as to keep the students abreast of basics as well as advances in the specific areas of technology. The department strives to keep various courses up-to-date so that these reflect current developments. The faculty constantly endeavors & engages itself in curriculum design. The department has well equipped and spacious laboratories with all modern facilities for experimentation at UG and PG levels. The laboratories have been modernized using liberal grants from World Bank under TEQIP and from the State Government and other funding agencies. Besides teaching, the department is also actively engaged in research activities. The department provides in-house industrial training during summer vacations to acquaint the students with the knowledge of tools to carry out advance research.

ABOUT THE WORKSHOP



Fiber-optic communication is a method of transmitting information from one place to another by sending pulses of light through an optical fiber. The light forms an electromagnetic carrier wave that is modulated to carry information. First developed in the 1970s, fiber-optic

communication systems have revolutionized the telecommunications industry and have played a major role in the advent of the Information Age. Fiber optic cables have been applied in a wide variety of industries and applications like medical, defense, data storage, telecommunications, networking, intelligent automobiles, intelligent highway systems, commercial applications, broadcast etc. Fiber optic cables are used for lighting and imaging and as sensors to measure and monitor a vast array of variables. Fiber optic cables are used in research, development and testing across various applications and industries. Optical fibers are widely used in fiber-optic communications, which permits transmission over longer distances and at higher bandwidths than other forms of communication. Fibers are used instead of other media because signals travel along them with less loss and are also immune to electromagnetic interference. Fibers are also used for illumination, and are wrapped in bundles so that they may be used to carry images, thus allowing viewing in confined spaces.

The objective of this program is to disseminate knowledge about the applications and areas in which optical fibers are implemented. The information will be shared among the community of technical professionals, from the field, research as well as from academia.

TOPICS

- Optical switching paradigms
- Evolution in Communication
- Free Space Optics
- Organic LEDs
- Intelligent Transportation
- Radio Over Fiber
- Optical Amplifiers , Sources and Detectors
- Research Areas
- Simulation Packages
- Any Other Related Topics

CORE COMMITTEE

CHIEF PATRON

Prof. (Dr.) Rajendra Kumar Anayath
Hon'ble Vice-Chancellor, DCRUST, Murthal

PATRON

Prof. (Dr.) Anil Khurana
Registrar, DCRUST, Murthal

DEAN FACULTY OF ENGINEERING

Prof. (Dr.) J.S. Saini
Professor, Electrical Engineering Department, DCRUST,
Murthal

CHAIRPERSON

Prof. (Dr.) Manoj Duhan
Electronics and Communication Engineering Department,
DCRUST, Murthal

CONVENER

Prof. (Dr.) Poonam Singal
Professor, Electronics and Communication Engineering
Department, DCRUST, Murthal

COORDINATOR

Prof. (Dr.) Amit Kumar Garg
Professor, Electronics and Communication Engineering
Department, DCRUST, Murthal

CO-COORDINATOR

Dr. Himanshi Saini
Assistant Professor, Electronics and Communication
Engineering Department, DCRUST, Murthal

ORGANIZING COMMITTEE

Dr. Manoj Duhan, Professor
Dr. Amit Kumar Garg, Professor
Dr. Priyanka, Professor
Dr. S.K. Grewal, Professor
Dr. Poonam Singal, Professor
Dr. Geetanjali Pandove, Professor
Mr. Manish Jain, Associate Professor
Dr. Pawan Kumar Dahiya, Assistant Professor

Dr. Prachi Chaudhary, Assistant Professor
Dr. Mridul Chawla, Assistant Professor
Dr. Rajeshwar Dass, Assistant Professor
Dr. Sunita Malik, Assistant Professor
Dr. Rekha Yadav, Assistant Professor
Dr. Himanshi Saini, Assistant Professor
Ms. Kusum Dalal, Assistant Professor
Ms. Rajni, Assistant Professor
Mr. Charanjeet Singh, Assistant Professor
Mr. Naresh Kumar, A.T.O
Mr. Harbans Lal, A.T.O
Mr. Satish Yadav, Lab Technician
Mr. Pankaj, Lab Technician
Mr. Rajesh Kumar, Lab Technician
Mr. Surender Kumar, Lab Technician
Mr. Sher Singh, Lab Technician
Mr. Pardeep Kumar, Lab Technician

INVITED SPEAKERS

Faculty from Prestigious Universities such as PEC, IIT, DTU, NIT Delhi, NSIT will deliver expert lectures followed by demonstration from industry experts.

IMPORTANT DATES

Starting of the Course : 11th March, 2019
Last date of registration : 5th March, 2019
Intimation to Selected Candidates : 9th March, 2019
Registration can be done through E-Mail to contact persons. It is mandatory to submit hard copy of registration form on or before commencement of the programme.

GENERAL INFORMATION

There is no registration fee; however, registration is mandatory for all participants prior to inaugural session. External candidates/sponsoring institutes shall bear TA/DA & boarding/lodging expenses.

CONTACT PERSONS

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