

## Bharati Vidyapeeth's College of Engineering

Bharati Vidyapeeth's College of Engineering (BVCOE), New Delhi since its establishment in 1999, has strived to provide the best engineering education to its students through well qualified and dedicated faculty and provision of well-equipped modern labs. The college affiliated to Guru Gobind Singh Indraprastha University, New Delhi, and approved by All India Council for Technical Education (AICTE), Ministry of HRD, Govt. of India, BVCOE is steadily striding forward in its quest of establishing itself among the top engineering colleges in North India. The vision of the college is to continuously excel and thus coming together enlivens the research themes, creates awareness about upcoming technologies and provide platform to budding research workers for achieving their rightful place in the scientific community.

### INSTITUTE VISION

To be an institute of excellence that provides quality technical education and research to create competent graduates for serving industry and society.

### INSTITUTE MISSION

- M1: To impart quality technical education through dynamic teaching-learning environment.
- M2: To promote research and innovation activities which gives opportunities for life-long learning in context of academic and industry.
- M3: To build up links with industry-institute through partnerships and collaborative developmental works.
- M4: To inculcate work ethics and commitment in graduates for their future endeavors to serve the society.

## About Short Term Course

The Short-Term Course (STC) on 'Emerging Trends in Electronics and Communication Engineering' aims to equip participants with fundamental knowledge in the rapidly evolving areas of electronics and communication engineering. This course is specifically designed to enable skill enhancement and keep participants up to date with the latest advancements. The program places a strong emphasis on acquainting participants with recent developments in research proposal formulations, antenna design, SRAM design, device design, and other relevant areas. It offers an opportunity to delve into simulation techniques using state-of-the-art software's, enabling students and researchers to develop proficiency and apply their knowledge effectively.

Through this course, participants can expect to acquire a comprehensive understanding of emerging trends and gain practical experience in relevant software tools.

### ✓ DELIVERY MODE

STC will be conducted in Hybrid (Online/Offline) mode. Therefore, participants must have internet connectivity with Laptop/PC/Mobile with MS-Teams/Google Meet be installed.

### ✓ CERTIFICATE

Certificates will be awarded to the participants having more than 80% attendance.

# Department of Electronics and Communication Engineering

The Department of Electronics and Communication Engineering has an approved annual intake of 180 students, making it as the largest department at Bharati Vidyapeeth's College of Engineering in terms of professors and student enrollment. The NBA accredited ECE department is proud of its highly trained and qualified faculty members who are committed to impart high-quality education. The labs, which are created by the teachers themselves, are well equipped, adaptive to the needs of ambitious students, and foster an environment conducive to research and practical knowledge acquisition. To encourage extracurricular activities among students, the department has strong ties with various professional chapters and cells. The activities and competitions organized by these communities allow students to showcase their technical and fundamental electronics skills. A considerable number of our talented students have been hired by prestigious government and private sector organizations. Thus, we believe that our students will be assets not only to our department and the institution, but also to the nation at large.

### DEPARTMENT VISION

The department aspires to be an advanced center of learning by synergizing teaching, learning and research to produce competent engineers capable of serving the society.

### DEPARTMENT MISSION

- DM1: To prepare graduates with sound technical knowledge and motivate them to explore emerging areas of research.
- DM2: To create environment for the development of research and innovation activities.
- DM3: To build strong relationships with industry through collaborative partnerships, student internships and research towards product development.
- DM4: To instill ethical and professional values among graduates with awareness towards societal and environmental concerns.



## Speakers

**Dr. Bipin Joshi (Scientist F, DST)**

*Extra Model Research Opportunities of Department of Science and Technology and Allied Schemes*

**Mr. Avinash Kumar (CSIR- NISTAD, Govt of India)**

*An Emerging Methodological tool undertaking Research*

**Prof. Kaushik Saha (IIT Delhi)**

*Architecture and Design of Semiconductor Memories*

**Dr. Ranjit Kaur (Professor and Head ECED, Punjabi University)**

*The Design Approaches for Digital Filters and their Application*

**Dr. S. K. Tomar (Scientist F SSPL DRDO, Govt of India)**

*Development and RF characterization Indigenous GAN Devices*

**Dr. Anand Abhishek (Senior Scientist CSIR-CEERI Pilani, Raj.)**

*E mobility: Road Ahead for India*

**Dr. Manoj Singh Parihar (IIIT, Jabalpur, MP)**

*Rectifier Integrated Antenna for RF Energy Harvesting/Wireless Power Transfer*

**Mr. Shiv Narain (Senior Technical Manager CEL, Govt of India)**

*Fabrication and testing process of C&X Band Phase Control module (PCM) for High frequency PESA Radar*

**Mr. Yogesh S (Sol Consultant EMAG)**

*Capabilities of Tools, Antenna Filter Design*

**Mr. Amit Kumar: Genius Software Demonstration**

**Mr. Mukul Kumar: Circuit Simulation and analysis on Genius TCAD  
(Cadre Design System)**

**Dates of STC: 18 - 22 July 2023**

**Last date of registration: 15 July 2023**

**Notification of Selection: 16 July 2023**

**Registration Link :**

**<https://forms.gle/jYVV4R4uEVTuirAZ7>**

**For More Information**

**[www.bvcoend.ac.in](http://www.bvcoend.ac.in)**

**Mr. Abhishek Gagneja: 91-9971122557**

## Organising Committee

**Chief Patron: Hon. Dr. Vishwajeet Kadam**  
Secretary, Bharati Vidyapeeth, Pune

**Patron: Prof. Dharmender Saini**  
Principal, BVCOE, New Delhi

**Convener: Prof. Kirti Gupta**  
HoD, Dept of ECE, New Delhi

**Co conveners: Dr. S.B. Kumar, Ms. Neera Agarwal,  
Dr. Manoj Sharma**

### Organising Committee Members

**Mr. Gaurav Mitra, Dept of ECE**  
**Mr. Abhishek Gagneja, Dept of ECE**  
**Dr. Avinash Kumar, Dept of ECE**  
**Dr. Apoorva Aggarwal, Dept of ECE**  
**Dr Priyanka Gupta, Dept of ECE**  
**Ms. Mihika Mahendra, Dept of ECE**

### Registration Details

	offline	online
<b>Industry persons:</b>	<b>Rs. 1500.00</b>	<b>Rs 500.00</b>
<b>Faculty members:</b>	<b>Rs 1200.00</b>	<b>Rs 200.00</b>
<b>Students:</b>	<b>Rs 1000.00</b>	<b>Rs 100.00</b>



### Bank Account Details

**Merchant Name: Bharati Vidyapeeth College of Engineering**  
**UPI ID: bvcoe@sbi**  
**Name of the Bank: State Bank of India**  
**Branch Name : Jawala Heri, Paschim Vihar**

**Note: While making online payments, the participants must mention their names in the payment remarks to enable us to trace your payment in the bank statement.**



**One-Week  
SHORT TERM COURSE  
on**

## Emerging Trend in Electronics and Communication

"Empowering Excellence in Electronics and Communication Engineering: Embrace Emerging Trends, Acquire Essential Skills"



**Organised by:**  
**Department of Electronics and  
Communication Engineering**  
**Bharati Vidyapeeth's College of  
Engineering**