

## ABOUT INSTITUTE

East Point College of Engineering and Technology (EPCET) is a renowned institution established in 1999 by M. G. Charitable Trust in Bangalore. Affiliated to Visvesvaraya Technological University (VTU), approved by AICTE & Accredited by NBA, EPCET offers a wide range of undergraduate and postgraduate programs in disciplines such as Artificial Intelligence and Data Science, Artificial Intelligence and Machine Learning, Computer Science and Engineering, Computer Science Engineering (IOT), Cyber Security including Block chain Technology), Information Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering, and Civil Engineering. With a strong faculty team of over 150+ members, including Ph.D. holders, EPCET is committed to providing quality education and research opportunities to its more than 2000 students. The college emphasizes industry collaborations and offers accredited programs with Industry- Institute integrated learning initiatives through partnerships with leading companies like Salesforce, UiPath, VMware, AWS, Texas Instruments, ARM University, CISCO.

## ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering (ECE) started in the year 1999 with 60 intake, with the idea of endowing young people with the necessary technical knowledge and professional skills needed to address the challenges in the rapidly growing field of Electronics and Communication Engineering and promoting research in this area. The department is Accredited by National Board of Accreditation (NBA) for 3 years in the month of May 2023. Currently, the Department offers B.E in Electronics and Communication Engineering with an intake of 120 students. The major areas of faculty expertise of the department include Digital Electronics and Communication Systems, Optical Communication and Networks, Signal Processing, Image Processing, Power Electronics, Microwaves, VLSI and Embedded Systems. The department inhouse a Research Center affiliated to Visvesvaraya Technological University. The department is involving in wide range of research activities supported by grants received from LRDE-DRDO, VGST and KSCST. The department has industry collaboration under Industry Institute Integrated Learning Program (IIILP) such as Cisco Network Academy, ARM University Program, Texas Instruments Innovation Lab to name a few.

## ABOUT THE CONFERENCE

Research trends on ECE focuses on research advancement in different fields of Electronics and Communication Engineering. This national conference is organized to integrate and pool ideas, advancement/research in the area of Electronics and communication Engineering.

## DEPARTMENT VISION

The Department aspires to be a center of excellence in Electronics and Communication Engineering to develop competent and ethical professionals through holistic development.

## DEPARTMENT MISSION

- To impart quality education and provide a conducive environment for innovation and Research.
- To develop skills to meet scientific, technological, and socio-economic needs.
- To inculcate professional ethics, teamwork, leadership qualities, and lifelong learning.

## OUR INSPIRATION AND PATRONS

### INSPIRATION

**Late. Dr. S. M. Venkatpathi**  
Founder Chairman, EPGI

### CHIEF PATRON

**Smt. B.L Ramadevi Venkatpathi**  
Chairperson, EPGI

### PATRONS

**Sri. S. V. Pramod Gowda, CEO, EPGI**  
**Sri. S. V. Rajiv Gowda, CEO, EPGI**  
**Sri. Peter Francis, Secretary, EPGI**  
**Dr. S. Prakash, Senior Vice President, EPGI**

### GENERAL CHAIR

**Dr. Mrityunjaya V Latte**  
Principal, EPCET

### ORGANISING CHAIR

**Dr. Yogesh G S**  
Vice Principal & HoD, Dept. of ECE.

### CONVENOR

**Dr. Anita R**  
Professor, Dept. of ECE.

### CO-CONVENOR

**Dr Chandrappa D N**  
Assoc Professor, Dept. of ECE.



th  
**4 NATIONAL CONFERENCE**  
on  
**NEXT GENERATION INTELLIGENCE  
IN  
ELECTRONICS AND  
COMMUNICATION ENGINEERING  
(NGIEC)**

**9<sup>th</sup> May 2024**

**Organized By**

**Department of Electronics and Communication  
Engineering  
East Point College of Engineering & Technology  
Jnanaprabha Campus, Bidarahalli, Virgonagar Post  
Bengaluru - 560049, Karnataka**

## ADVISORY COMMITTEE

### Dr. Rudrakanth Sollapur

Professor & Chair of Quantum Electronics,  
Friedrich Schiller University Jena, Germany.

### Dr Lakshminarayan

Professor, Dept of ECE, NIT Tirupati

### Dr Muralidar Kulkarni

Professor, Dept. of ECE, NITK Surathkal, Mangalore

### Dr Basavaraj Talawar,

Professor, Department of CSE, NITK

### Dr Hariprasad S A

Director, Faculty of Engineering & Technology,  
Jain University, Bengaluru

### Dr S G Hiremath

Professor, Dept of ECE, EWIT, Bengaluru

### Dr. Sarat Kumar Sahoo

Professor & HoD, Parala Maharaja Engineering  
College, Berhampur, Orissa

### Dr. E Sheeba Percis

Professor & Joint Registrar,  
Dr MGR Educational & Research Institute Chennai

## INDUSTRIAL ADVISORY COMMITTEE

### Mrs. Rose Arbham

Scientist F, LRDE, DRDO, Bengaluru

### Mr. Soumen Das

Scientist F, LRDE, DRDO, Bengaluru

### Dr. Rajeev Kamal

Sr. Solution Engineer, Samsung, (IT&D), INDIA

### Mr. Dinesh

Principal Engineer, Microchip, Bengaluru

### Dr. K. Vishwanath

Sr. Software Engineer, Accenture Pvt Ltd, Bengaluru.

### Mr. Shivashankar

System Engineer, Infosys, Bengaluru

## ORGANIZING COMMITTEE

Prof. Asha S

Prof Vasavi

Prof Avinash B C

Prof Parvathi Patil

Prof Geethapriyadarshini

Prof Savitha S

Prof S M Janaki

Prof Anushree N R

## PUBLICATION Institute (EPCET)

Selected papers will be published in UGC  
Care Journal at an Additional Cost

## For Any Conference Related Queries

Dr Yogesh G S : 9972018777

Dr Anita R : 9448465634

Dr Chandrappa D N : 9964413883

Email : [ngiec.ece@eastpoint.ac.in](mailto:ngiec.ece@eastpoint.ac.in)

College website : [www.eastpoint.edu.in](http://www.eastpoint.edu.in)

Registration Link

<https://forms.gle/vhUPdZkt2EVCjA1P8>

## REGISTRATION FEE (INR)

Faculty : 1000 INR

Research Scholars & PG students : 800 INR

UG students : 600 INR

## BANK DETAILS (EPCET)

Account Name :

Department of Electronics and Communication  
Engineering, EPCET

Account Number : 21630100095180

IFSC Code : FDRL0002163

OR

USE this QR Code for registration



## CONFERENCE THEMES

VLSI system design

Embedded Systems & IOT

Audio, Image & Video Processing

5G/6G wireless networks

Network security

Machine Learning & Deep Learning

Cloud Computing

Electronic system design & Devices

Speech & pattern recognition

RF & Microwave system

Wireless sensor networks

Opto-electronics & Applications

Communication system

Smart grid technologies

Advanced CMOS Technologies

Electric Vehicle

Biomedical & Instrumentation

Artificial Intelligence and Robotics

Energy Optimization

Big Data Analytics

Machine Learning

Grid Integration

Renewable energy,

But not limited to above topics  
only

## SUBMISSION & AUTHOR GUIDELINES

Original unpublished paper in following areas but not limited to  
are invited:

1. Prospective authors are invited to submit high quality original  
technical papers in IEEE format reporting theoretical or applied  
nature and case studies for presentation at the conference and  
publication in NGIEC-2024 proceedings .

2. All the papers to be submitted through the easy chair  
<https://easychair.org/conferences/?conf=ngiec2024>

3. Maximum 6 pages are allowed.

Authors are invited to submit full papers in following tracks but  
not limited to the following topics listed above.

## IMPORTANT DATES

Date of Conference : 9th May 2024

Deadline of Full Paper Submission : 30th March 2024

Notification of Acceptance : 10th April 2024

Camera Ready Paper Submission : 20th April 2024

Registration Opens : 11th April 2024

Registration Closes : 27th April 2024

Conference mail ID : [ngiec.ece@eastpoint.ac.in](mailto:ngiec.ece@eastpoint.ac.in)