

“CONTINUOUS LEARNING IS THE MINIMUM REQUIREMENT FOR SUCCESS IN ANY FIELD.”

-Brian Tracy

DEPARTMENT'S VISION

To emerge as a centre of excellence producing globally competent and morally sound professionals in the field of Electronics and Communication Engineering who will practice commitment to their profession and dedicate themselves to the service of mankind.

DEPARTMENT'S MISSION

- 1.To develop state -of- the -art laboratories providing relevant practical inputs to students.
- 2.To provide strong knowledge base to students in the area of Electronics and Communication Engineering, and to train them as per requirement of industries and research organizations.
- 3.To facilitate Institute Industry Interaction to the benefit of stake holders and to motivate teachers for continuous improvement of their academic standards.

PROGRAM EDUCATIONAL OBJECTIVES(PEOS)

- 1.Graduate will have the fundamental and advance knowledge in Mathematics, Science , Electronics and Communication Engineering and design methodologies to successfully accomplish their professional career in industry as an Engineer, theoretically practically , in the field of Electronics and Communication Engineering, or become an entrepreneur.
- 2.Graduate will have strong fundamental knowledge in specialised areas of Electronics and Communication Engineering to contribute towards research and developments through paper publications , projects and pursue higher studies in their specialised fields.
- 3.Graduate shall learn all interpersonal skills and inculcate sense of social responsibility and environment concerns so as to make them good leaders and citizens.

PROGRAM SPECIFIC OUTCOMES(PSO)

- 1.Students will have proficiency in grasping fundamental principles of Electronics and Communication Engineering and effectively applying them across diverse domains, including Semiconductors, Communications, Signal Processing, Antennas, Networking, VLSI, Embedded Systems, and becoming adept in the latest tools and methodologies employed in both research and industry.
- 2.Students will foster critical thinking to evaluate engineering issues pertinent of Electronics and Communication Engineering through the cultivation of profound expertise and skills in the realms of fundamental sciences, engineering mathematics, and core engineering principles, enabling the resolution of intricate engineering dilemmas.
- 3.Students will be able to acquire the skill to conduct independent research, seek innovative solutions, and make contributions to the progress of knowledge in specialized areas of Electronics and Communication Engineering. Adhere to ethical principles in engineering practice, research, and innovation, while exemplifying a steadfast dedication to integrity, social responsibility, and sustainable development.

PILLAR OF BPIT

STALWARTS

Shri Vinod Vats(Chairman)
Padma Shree Shri Surender Sharma
(Vice-President)

Shri Ram Babu Sharma (General Secretary)

Shri Shambhu Sharma (Secretary)

Shri Sanjeev Sharma (Treasurer)

Prof. Payal Pahwa (Principal)

Prof. Y D Gaur (Exec. Director)

Prof. C R Jagga (Deputy Director)

Shri M S Vats (OSD)

CHIEF-EDITOR

Prof. Rajiv Sharma (HOD, ECE)

EDITORS

Ms.Prachi Kaushik (Asst.Prof.,ECE)

Mr. Jatin Gaur (Asst. Prof., ECE)

STUDENT EDITOR

Aditi Sharma (ECE)

2019-2023



ARTIFICIAL INTELLIGENCE IN ELECTRICALS

- 1.National Seminar on Artificial Intelligence in Electrical Electronics & Communication Engineering was organised on Gmeet platform, delegated by Shri. RK Singh ,ICT & Broadcast Media Consultant.
- 2.Seminar was attended by students and faculty. The session guided light on the heavy demand topic of AI in Electrical.



PRE PLACEMENT ACTIVITY

Training & Placement Cell conducted a Pre Placement Activity for 3rd year students.The event was delegated by Dr. Abhishek Swaroop, HOD IT and focused on interacting with students about the various career options they are planning for.

IN HOUSE TRAINING

In House training was conducted for 3rd year students in collaboration with PinE.The 4 day training was delegated by Mr. Vaibhav Mishra founder PinE &the session included a hands on project training along with tips &pathways to enter VLSI Core Industries



FDP: RESEARCH TRENDS ON WIRELESS SENSOR NETWORKS



A FDP was conducted on applications of Embedded Systems by NITTTR, Chandigarh. This 4 day program focused on guiding and enhancing the knowledge of faculty on Research Trends on Wireless Sensor Networks.

1 ACHIEVEMENTS OF STUDENTS

1. **Mr. Mausum Kumar Mishra**, received the “Best Campus Ambassador Award” of ISAC and also received an Amazon Worth Coupon of Rs.15000/- as a honour.

2. **Aditya Sarawat**, participated in Codechef April Challenge 2021 and May Challenge 2021.

3. **Mr. Mausam Kumar Mishra** was invited for forum session on famous YouTube channel GeeksforGeeks on topic: “**Journey from college to Microsoft**”.

4. **Ms. Akanksha Sharma**, student of 2017-2021 batch secured **1765 AIR in GATE-2022**.

5. **Mr. Deepak Garg** has participated in code chef Snackdown global programming competition and secured **1049 Global Rank**.

6. **Mr. Shivang Dubey** got selected for AICTE sponsored **MITACS Canada Globalink Research Internship (GRI) 2022**.

7. **Mr. Daksh Bharadwaj** was selected for **BOT exhibition** in Mumbai organized by government of India.

8. **ECE student Aditi** got **Silver medal in Lawn Tennis** in GGSIPU, Delhi Intercollegiate Sports Meet.



DEPARTMENT RECOGNITIONS



- **Dr. Sandeep Sharma** has been awarded **PhD degree at Jamia Milia University**. Three other faculties have submitted their PHD thesis.
- **ECE Department**, BPIT has been designated as one of the **NODAL/Remote CENTRE for NITTTR Chandigarh**.
- **Dr. Pavika Sharma** got appreciation certificate for most cited paper titled “Prediction of Landsliding using Univariate Forecasting Models” in Internet Technology Letters, Wiley.
- **Dr. Prof. Rajiv Sharma** was Guest Speaker, National Technology Day 2022 on topic “**VLSI TOOLS & TECHNOLOGY**”, 11th May 2011 at Hindu College of Engineering, Sonapat.
- **Faculty Members** have **10 SCI indexed journal publications, 01 Scopus indexed journal publications, 02 IEEE indexed conference publications, one book chapter publications**.

PLACEMENT DRIVE

PLACEMENT DRIVE

Heartiest congratulations to the following students on getting placed in these prestigious companies



RAKSHIT MALHOTRA
SMRITI SHARMA
RAHUL NARULA
PRATIK JHA



SATYAM KUMAR MISHRA
ANMOL KOHLI
SIDDHANT AGGARWAL
KRITI GAUTAM
SAHIL CHANDRA



SAMYAK JAIN
SANJAY JOSHI
SHANTANU SINGH

PLACEMENT DRIVE

Heartiest congratulations to the following students on getting placed in these prestigious Condeco



YOGENDER YADAV
NAMAN SHARMA

MANSHI GUPTA
ISHITA VASHISHT
HIMANSHU KAUSHIK
NIHARIKA MAHESHWARI



MAUSAM KUMAR MISHRA

SHOBHIT SHARMA
AYUSH BUDHANI



PRIYANKA SURI

AASHIT DUA
PRIYA KATOCH
SAHIL CHANDRA



SUPARN KUMAR



TANU



RITIK TANEJA
VASU ARORA