

# BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY

## Electrical and Electronics Engineering Department

Newsletter Jan – July 2023  
EEE EXPRESS

*"Before anything else, preparation is the key to success."*  
~ Alexander Graham Bell

### Department's Vision

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

### Department's Mission

- To develop state-of-art laboratories providing quality learning blended with latest practical skills.
- To provide strong knowledge base to students in the area of Electrical & Electronics Engineering and to prepare them in accordance with industry, research organizations, and interaction objectives.
- To motivate teachers and students to do impactful research on societal needs.



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## PILLARS OF BPIT

### Patrons

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**Mr. Puneet Dixit**  
**Mr. Prashant Nigam**

### Student Editor:

**Drishiti Luthra**



## DEPARTMENT & ITS RESOURCES

### DEPARTMENT

- Electricity is very essential for every part of the society. The growth of any country depends on electrical & electronic systems.
- The Department of Electrical & Electronics Engineering started since the inception of BPIT and offers a B. Tech (Electrical & Electronics Engg.) program with an annual intake of 60 students.
- To ensure the quality education department has a team of well-qualified, experienced, and dedicated faculty & staff members.
- The department is accredited by the National Board of Accreditation (NBA).

### RESOURCES

All of our laboratories are well-equipped to meet the requirements of the university curriculum. These are listed below:

1. Electrical Science Lab
2. Electrical Machine-I & II Lab
3. Power System-I & II Lab
4. Computational Methods & PSLP Lab
5. Control Systems Lab
6. Advanced Control System Lab
7. Neuro-Fuzzy Systems Lab
8. Electrical Machine Design Lab
9. Electrical Engineering Workshop Lab
10. Electrical and Electronics Measuring Instruments Lab
11. Electric Drives Lab



## INFO-BIT

Info-bit is a glance at webinars, success messages, and workshops depicting students' all achievements.

### HIGHLIGHTS OF THE DEPARTMENT

For the academic and professional development of students and faculty, the Department of Electrical and Electronics Engineering organizes an array of guest lectures and webinars. These are as follows:

- EEE Department Society, with three faculty members, delved into Auto Expo 2023 at Pragati Maidan, Delhi, on January 14, 2023, fostering a direct link between academic learning and industry advancements.
- On February 12, 2023, Dr. Peeyush Pant, esteemed faculty, led 1st-year EEE students and BPIT students in attending the Digital Skill Conference organized by NIELTS and the Ministry of IT at Ambedkar Community Center, Delhi.



- On March 14, 2023, B. Tech EEE 2nd-year students engaged in an educational visit to the E-Vehicle Center at DTU from 2-5 pm. This visit provided valuable insights into the latest advancements in electric vehicles, enriching the students' practical knowledge and fostering a connection between academia and industry expertise.
- On March 22, 2023, EEE students embarked on a visit to TVS Delhi. This experience offered a firsthand exploration of industry practices, allowing students to gain valuable insights into the world of technology and innovation.
- On March 29, 2023, Professor A. K. Tandon, an esteemed faculty member, delivered an enlightening lecture to EEE students, that extended beyond the curriculum. His expertise provided students with valuable insights, enhancing their understanding of the subject matter and fostering a deeper connection to the academic realm.
- On March 23rd and 24th, Professor AK Tandon delivered an enlightening lecture on Electromagnetic (EM) Based Learning at DTU, Delhi.

- On March 2nd and 3rd, 2023, the EEE Department orchestrated an insightful industrial visit to BHEL in Haridwar and the Chilla Power Project for 2nd and 3rd-year students. This initiative aimed to expose students to real-world applications, enhancing their understanding of industry practices.



- The Short-Term Program (STP) course jointly organized by the Departments of Electrical and Electronics Engineering (EEE) and Electronics and Communication Engineering (ECE) took place at NITTTR Chandigarh from February 20th to February 24th, 2023.
- B. Tech 2nd-year EEE students, accompanied by Mr. HK Rajput (Assistant Professor, EEE Department), visited Alstom EV India on May 20, 2023. The visit provided a valuable opportunity for students to explore the advancements in electric vehicles and gain industry insights.
- On February 25th, Professor AK Tandon, renowned for his expertise in the field, was selected to deliver a lecture at the Delhi State Science event commemorating National Science Day. His insightful presentation captivated the audience and shed light on the significance of scientific advancements in contemporary society.
- April 5, 2023, Mr. Ashcharya Bansal from Made Easy spoke to ECE/EEE students about Entrepreneurship and Innovation as career opportunities, shedding light on exciting possibilities in a concise session.
- On April 10th, 2023, students from the Electrical and Electronics Engineering (EEE) department, accompanied by two faculty members, embarked on a visit to Shakti Green E-V Manufacturer in Delhi.



## STUDENTS CORNER

### STUDENT ACHIEVEMENTS

- EEE Department alumnus Mr. Hitesh was honored with the Medal gallantry award by the President of India on 26 Jan 2023.
- Nayab Midha, the alumna of EEE Batch 2018, achieved 1M views on her poetry video 'Muskurao'.
- Sarvagya Sharma, a student of the EEE Department, showcased exceptional talent by securing 1st Positions in
  - Solo Dance at 'Varchasva' Fest (Technia Institute of Advanced Studies)
  - Panache at 'Prisma' Fest (SRM University, Sonapat, Haryana)
  - Showstopper at 'Step Up'23 (Rajnigandha Fest, DayalSingh College)
  - Choremania (Western Solo Dance) at 'Splendour' Fest (Ram Lal Anand College)
  - Disco Fever (Solo Dance) at 'Resurrection' Fest (ManavRachna Educational Institution)
- Mr. Gaurav Sharma, along with our esteemed faculty members Dr. Peeyush Pant and Mr. H K Rajput, has made a significant contribution to a research paper published in STM Journals.
- Aditya Sharma, a 3rd-year student of the EEE Department, has successfully completed courses on Learning PCB Design with CAD, Fundamentals, and Application of Plasma Physics including Fusion Plasmas, and a Basic Training Course on IAEA Safeguards.
- Vineet Thakur a member of the IEEE, has won the prestigious Dr. J.K. Pal Memorial Award.
- Khushi Priya another member of the IEEE, has been recognized with the Outstanding Student Volunteer Award.
- Several students of the EEE Department participated in the SIH Hackathon.
- Several EEE students actively coordinated during the Malhaar BPIT Fest, contributing to the success of the event.



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