



"Invention is the most important product of man's creative brain. The ultimate purpose is the complete mastery of mind over the material world."

– Nikola Tesla

DEPARTMENT'S VISION

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

DEPARTMENT'S MISSION

- To develop state-of-the-art laboratories practical inputs to students. To provide a strong knowledge base to students in the area of Electrical & Electronics and to train them to meet the requirements of industries and research organizations. To facilitate industry interaction with a motive to the benefit of stakeholders and to motivate students for continuous improvement of their academic standards.

PILLARS of BPIT

PATRONS

- **Shri Vinod Vats** (Chairman)
- **Padma Shri Surender Sharma** (Vice-President)
- **Shri Ram Babu Sharma** (Gen. Secretary)
- **Shri Shambhu Sharma** (Secretary)
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- **Prof. Payal Pahwa** (Principal, BPIT)
- **Prof. Y.D. Gaur** (Executive Director)

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spoken-tutorial

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DEPARTMENT & ITS RESOURCES

Electricity is foundational to modern society – it powers our homes, fuels industry, and drives innovation. Recognizing this, the Department of Electrical & Electronics Engineering at Bhagwan Parshuram Institute of Technology (BPIT) has been shaping engineers since the very inception of the institute. Offering a B.Tech in Electrical & Electronics Engineering with an annual intake of 60 students, the department combines tradition with progress. Key features:

- Dedicated, experienced, and highly qualified faculty and staff.
- Well-equipped, modern laboratories supporting both the university curriculum and industry-standard training
- Accreditation by the National Board of Accreditation (NBA), reflecting our commitment to high educational standards.

DEPARTMENT & ITS RESOURCES

- ELECTRICAL SCIENCE LAB
- ELECTRICAL MACHINE I&II LAB
- POWER-SYSTEM I&II LAB
- COMPUTATIONAL METHODS & PSPLAB
- CONTROL SYSTEM LAB
- ELECTRIC DRIVES LAB



INFO BIT

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

HIGHLIGHTS OF THE DEPARTMENT

- On 22 August 2025, students visited the 66/0.4KV Substation at TPTDL, Rohini Sector-17, where they gained practical knowledge about power distribution systems, transformer operation, protection mechanisms, and real-time load management.



- On 4 September 2025, second-year students attended PowerGen 25 at Yashobhoomi, Dwarka. They explored emerging technologies in power generation, renewable energy solutions, and modern grid infrastructure.



- On 5 September 2025, third-year students participated in an educational visit at Headquarters, Vasant Kunj, in celebration of Engineer's Day. The session focused on professional ethics, engineering responsibilities, and innovation in the electrical domain,



- On 9 September 2025, the department conducted an Orientation Programme for the Electric Society at BPIT. Students learned about teamwork, leadership roles, event management, and technical collaboration, which will help them grow beyond academics. On the same day, an expert lecture on "Emerging Opportunities through GATE" guided students about higher education pathways, competitive exam strategies, career planning, and the importance of strong conceptual clarity.

- On 3 October 2025, an expert lecture on Student Mental Health Awareness emphasized stress management, work-life balance, emotional intelligence, and coping strategies during academic pressure.



- On 14 October 2025, a lecture on Industrial Automation – PLC & SCADA provided technical insights into programmable logic controllers, industrial control systems, real-time monitoring, and automation practices used in industries.

- An educational visit on 8 November 2025 to the EV Center at East Campus GGSIPU exposed students to electric vehicle technology, battery management systems, charging infrastructure, and sustainable mobility solutions. This strengthened their understanding of the rapidly growing EV sector



- on 11 November 2025, a Technical Quiz on Electric Mobility and AI tested students' conceptual knowledge and analytical skills. It encouraged competitive learning and enhanced their understanding of how artificial intelligence integrates with modern electrical systems

STUDENT CORNER

- Ankit Kumar Jha (4th Year) achieved a significant milestone by securing placement at M/s Juspay, reflecting his strong technical foundation and consistent preparation
- Gaurav (3rd Year) brought laurels to the department by winning a gold medal in weightlifting, showcasing excellence beyond academics and promoting the importance of discipline and perseverance



- Khushi (3rd Year) gained valuable exposure by attending India Energy Week at Yashobhoomi, Dwarka, where she explored advancements in renewable energy, smart grids, and sustainable power solutions

- Deepanshu Saxena actively participated in multiple technical competitions, including national-level hackathons and innovation challenges,

- Gaurav and Rahul participated in activities at the EV Startup and Innovation Centre, strengthening their knowledge of electric vehicle systems, battery technology, and emerging mobility solutions