

## **About the Department**

The Electrical Engineering (EE) department is the core department of School of Engineering in Gautam Buddha University, Greater Noida. The department of EE has been playing a vital role in producing highly trained and professional engineers ever since it was established in the year 2010. The department runs 04 under-graduate programs with different minor specialization courses (Electric Vehicles, Industrial Automation, AI & ML and Biomedical Engineering) and 03 post-graduate programs (Power System, Power Electronics & Drives and Instrumentation & Control) to cater needs of technical excellence in all areas of electrical engineering such as Integrated electronics and circuits, Instrumentation, Control & Automation, Power Systems & Power Electronics, Renewable Energy and many other related fields merging with Computer Science, ML, Soft Computing & AI. In addition to the strong undergraduate and postgraduate programs, the department has also been offering a PhD program which plays a pioneering role in producing world-class research scholars (Instrumentation and Control, Power System, Power Electronics & Drives, Renewable Energy Systems, Control & Robotics, Signal & Image Processing, Biomedical Instrumentation, Nanomaterials, AI/ML/Soft computing/DWT applications to Electrical engineering and other related areas of Electrical engineering). The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students and researchers to learn and innovate. As far as the Department is concerned, academic standards and practical work are the two key parameters. The Department of EE has a fine blend of renowned as well as young and dynamic personalities as faculty, who are involved in imparting quality education. The faculty of the department has been constantly carrying out research on many cutting-edge technologies and regularly publishes their research paper in top reputed Journals and Conferences.

The department conducts various programs like Workshops/Conferences/FDPs/Technical Training/Seminars/Expert lectures, etc. for constant knowledge up-gradation of staff and students. These activities help to explore new technologies, which keep our students and staff in touch with the latest developments in the field of Electrical Engineering. Industrial visits are also regularly organized to enhance the practical knowledge of the students and to interact with the recent technologies used in the industries.

Currently, the department is headed by Dr. M. A. Ansari, a senior faculty member in the dept. having more than 20 years of national & international teaching experience and having more than 200 research publications.