

## RESEARCH

### Research Areas

- Control Systems
- Electrical Machines and Drives
- Power Electronics
- Power Systems
- High Voltage Engineering
- Smart Grid Technologies

### Research Publications

Driven by the spirit of research, our faculty members have published a large number of research papers in leading international journals including some of the reputed IEEE transaction, reputed research publications such as Elsevier, Springer etc., along with presenting research work at renowned conferences held in India and abroad.

Patent Granted to BTech EEE Students



### Academic and Research Labs

Our Department is home to various state-of-the-art labs including:

- E-Mobility-based Integrated Electrical Machines and Drives Systems Laboratory, under development by RockWell Automation - USA, National Instruments -USA, and Kirloskar Electric Co. Ltd. - India
- Control Systems Laboratory by National Instruments, USA
- Advanced Control Systems Design Laboratory by National Instruments, USA
- Fundamentals of Electrical Engineering Laboratory
- Electrical Circuit Theory Laboratory
- Computational Research laboratory

### Scope and Opportunities

- Grab a wide range of career opportunities in Power Industries, Manufacturing, Telecommunications, Government PSUs, R&D Units, IT, Electricity Boards/Utility Companies, Private Firms, and Start-ups.
- Chance to fulfil your master's and doctoral programmes in renowned institutes in India or abroad. Opportunities like this are not limited to Electrical Engineering but can also be carried out in the allied & emerging areas of Computer Science and Engineering, Electronics and Communication Engineering, and Mechanical Engineering.
- Pursue a career in R&D and Innovative Teaching after completing an M.Tech/M.S and Ph.D.

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