



# Department of Electrical Engineering, IIT Delhi

## Departmental Specialization for Undergraduate Students (EE1/EE3)

### Motivation

- Value addition to the basic B.Tech. degree
- Enhances opportunities for pursuing higher studies (MSR or Ph.D.) or research-oriented jobs
- Specialization area will be explicitly mentioned on your degree certificate
- Seamlessly convertible to Dual-degree (B.Tech. and M.Tech.)

### Specialization Requirements

- 20 additional credits from one of the specialization elective (SE) baskets
- 10 open category (OC) credits can count towards SE as long as they are from an SE basket
- OC credits to be planned from 5<sup>th</sup> semester to enable specialization
- B.Tech. Project (BTP) Part-2 can contribute 8 credits
- All SE baskets are open for both EE1 and EE3 program students



### Appliance Engineering



### Systems and Control



### VLSI and Embedded Systems



### Cognitive and Intelligent Systems



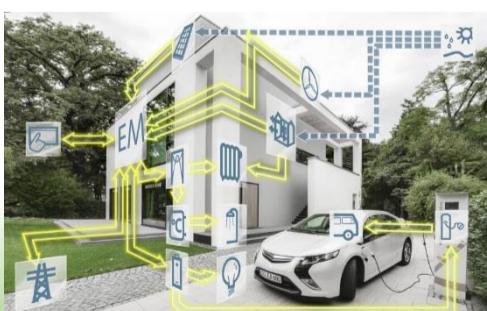
### Smart Grid and Renewable Energy



### Communication Systems and Networking



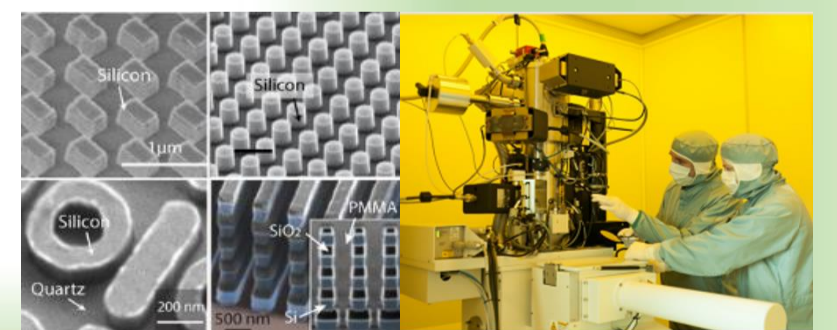
### Electric Transportation



### Energy Efficient Technologies



### Information Processing



### Nano-electronic and Photonic Systems

For further details on SE areas, refer to the Courses of Study document.

For questions, contact Departmental Undergraduate Committee (DUGC)  
[ee\\_dugc@iitd.ac.in](mailto:ee_dugc@iitd.ac.in)