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 5th 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

### Specialization Areas

- **Appliance Engineering**
- **Cognitive and Intelligent Systems**
- **Communication Systems and Networking**
- **Electric Transportation**
- **Energy Efficient Technologies**
- **Information Processing**
- **Systems and Control**
- **VLSI and Embedded Systems**
- **Smart Grid and Renewable Energy**
- **Nano-electronic and Photonic Systems**

For further details on SE areas, refer to the Courses of Study (CoS) document (Scan QR code for the URL)

For questions, contact EE Departmental Undergraduate Committee (DUGC): ee_dugc@iitd.ac.in