

Electrical Engineering

| Sl.No | Course name | SME | Institute | Duration |
|-------|---|---|-----------|----------|
| 1 | VLSI Design Verification and test | Prof. Santhosh biswas, Prof. jatindra kumar deka, Prof.Arnab sarkar | IITG | 30 |
| 2 | Bayesian/ MMSE Estimation for Wireless Communications –MIMO/ OFDM Cellular and Sensor Networks | Prof.Aditya Jagannatham | IITK | 20 |
| 3 | Optical communications | Prof.Pradeep Kumar K | IITK | 30 |
| 4 | Digital Switching - I | Prof. Y.N.Singh | IITK | 20 |
| 5 | An Introduction to Information Theory | Prof. Adrish Banerjee | IITK | 20 |
| 6 | Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications | Prof. Aditya Jagannatham | IITK | 20 |
| 7 | Basic Electrical Circuits | Prof. Aniruddhan | IITM | 20 |
| 8 | Computational Electromagnetics & Applications | Prof.Krish Sankaran | IITB | 30 |
| 9 | Basic Building Blocks of Microwave Engineering | Prof. Amitabha Bhattacharya | IITKGP | 10 |
| 10 | Satellite Communication Systems | Prof. Kalyankumar Bandyopadhyay | IITKGP | 20 |
| 11 | Fundamentals of MIMO Wireless Communication | Prof. Suvra Sekhar Das | IITKGP | 20 |
| 12 | Audio System Engineering | Prof. Shyamal Kumar Das Mandal | IITKGP | 10 |
| 13 | Discrete Time Signal Processing | Prof. Arijit De | IITKGP | 20 |
| 14 | Digital Image Processing | Prof. Prabir Kumar Biswas | IITKGP | 30 |