

COE: 4th Semester

RECOMMENDED BOOKS:

211: ELECTRONICS II

- **Microelectronic Circuits by Adel S. Sedra and Kenneth C. Smith**
- **Electronic Devices and Circuits by Balbir Kumar and Shail B. Jain**
- **Microelectronics by Jacob Millman and Arvin Grabel**

212: ELECTROMAGNETICS I

- **Elements of Electromagnetic Fields by S.P. Seth**
- **Elements of Electromagnetic Fields by Matthew N.O. Sadiku**

213: DATA STRUCTURES

- **Data Structures Using C by A.M. Tenenbaum, Y. Langsman and M.J. Augenstein**
- **Data Structures by Schuam**

214: DIGITAL CIRCUITS AND SYSTEMS I

- **Fundamentals Of Digital Circuits by Anand Kumar**
- **Digital Logic and Computer Design by M. Morris Mano**

215: PRINCIPLES OF COMMUNICATION ENGINEERING

- **Communication Systems (3rd Edition) by Symon Haykins**

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