

ELECTRONICS & COMMUNICATION ENGINEERING

Compulsory Subjects

- IC 402 Engineering Management
- EC 403 Communication Engineering
- EC 404 Circuit Theory and Control
- EC 405 Microprocessors and Microcontrollers
- EC 406 Electronic Circuits
- EC 407 Design of Electronic Devices and Circuits



Optional Subjects

(Any three from any one group)

Group I Telecommunication Engineering

- EC 411 Broadcast and Television Engineering
- EC 412 Radar and Antenna Engineering
- EC 413 Microwave Engineering
- EC 414 Optical and Satellite Communication
- EC 415 Computer Networks and Communication

Group II Integrated Circuits & Systems Engineering

- EC 421 Digital Hardware Design
- EC 422 Pulse and Digital Circuits
- EC 423 IC Design Techniques
- EC 424 Solid State Physics and Semiconductor Devices
- EC 425 Software Engineering

Group III Control & Instrumentation

- EC 431 Sensors and Transducers
- EC 432 Industrial Instrumentation and Computer Control
- EC 433 Biomedical Electronics
- EC 434 Signal Processing
- EC 435 Control Systems



Project Work and Laboratory Experiments

[10 (ten) experiments are to be undertaken from the prescribed list]