Course Structure

Semester	Subjects	Total Credit
1st	Applied Physics, Basic Electric Circuits, Calculus I, Computer Programming, Electrical Installation Practice & Safety, Basic Engineering Drawing, Engineering Workshop	16
2nd	Algebra and Geometry, Communication Techniques, Electronic Devices, Network Theory, OOP with Java, Semiconductor Material	16
3rd	Calculus II, Data Structures and Algorithms, Digital Logic, EM Fields and Waves, Electronic Circuits, Instrumentation	18
4th	Applied Mathematics, Computer Graphics, DBMS, Electrical Machine & Control, Microprocessors, Numerical Methods	18
5th	Artificial Intelligence, Computer Architecture, Engineering Economics, IoT & Sensor Tech, Research Methodology, Signals and System	17
6th	Analog and Digital Communication, Data Communication & Networks, Digital System Design, Elective I, Embedded System, Probability and Statistics	17
7th	Digital Signal Processing, Elective II, EM Propagation & Antenna, Engineering Management, Telecommunication & Network Security, Wireless Communication Technology	18
8th	Elective III, Internship, Major Project	9
Total Credit		129