



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

School of Electronics Engineering

B.Tech Electronics and Communication Engineering

Discipline Elective Courses:

1. Data Structures and Algorithms
2. Structured and Object Oriented Programming
3. Artificial Intelligence and Machine Learning
4. Satellite Communications
5. Radar Systems
6. Robotics and Automation
7. Information Theory and Coding
8. Electromagnetic Interference and Compatibility
9. Optical Networks,
10. Digital Image Processing
11. Embedded C Programming
12. Embedded Systems Design
13. Detection, Estimation and Modulation Theory
14. Cognitive Radio Networks
15. FPGA Based System Design
16. ASIC Design
17. Microwave Integrated Circuits

18. Sensors Technology
19. Micro-Electromechanical Systems
20. Cryptography and Network Security
21. Technical Answers to Real Problems
22. Design Project
23. Laboratory Project
24. Product Development Project
25. Computer Project
26. Reading Course
27. Special Project
28. Simulation Project