

SVKM's NMIMS
Mukesh Patel School of Technology Management & Engineering
Syllabus Structure - B.Tech. (Electronics Engineering)

First Year (Common for all Branches)

Trimester I	Trimester II	Trimester III
Applied Maths I	Applied Maths II	Applied Maths III
Applied Science I	Workshop	Communication Skill
Engineering Drawing	Engineering Mechanics	Applied Science II
Basic Electrical Engineering	Basic Electronics	Electrical Measuring Instruments & Machines
Computer Prog.-I	Computer Prog.-II	Computer Application
Second Year		
Trimester IV	Trimester V	Trimester VI
Applied Maths - IV **	Applied Maths - V **	Principles of Communication Engineering *
Advanced Electronics *	Basic Control Systems	Microprocessor Fundamentals *
Electrical Network Analysis & Synthesis *	Logic Circuit Design *	Analog integrated Circuits & Applications
Numerical Techniques *	Electronics Circuit Analysis and Design *	Seminar – II (Presentation)
Signals & Systems *	Seminar – I (Report)	Electronics Workshop
-	-	Constitution of India
Third Year		
Trimester VII	Trimester VIII	Trimester IX
Industrial Electronics	Advanced Microcontrollers	Computer Organisation & architecture
Electro magnetic field theory	Electronic Instrumentation & Control	Optical Fiber Communication
Advanced Microprocessor	Digital Communications	Discrete Time Signal Processing
TV & Video Engineering	Industrial Economics & Management	Project Management
Seminar – III (Report)	Seminar-IV (Presentation)	Minor Project
Forth Year		
Trimester X	Trimester XI	Trimester XII
Digital Signal Processing	Digital Communications	Data Communications
VLSI Design & Technology	Embedded Systems	Robotics
Elective – I	Elective – II	Elective – III
Project (Part – I)	Project (Part – II)	Project (Part – III)
-	Environmental Studies	-

Elective I	Elective II	Elective – III
Microcomputer System Design	Advanced Digital Signal Processing	Wireless Communication
Image Processing	Biomedical Instrumentations	Advanced Microcontrollers
Advanced Power Electronics	Microelectromechanical Devices	DSP Architecture & Systems

* Syllabus Common with EXTC

** Common for all branches