

B.TECH ECE PROGRAMME

(Regulations 2008 Semester Pattern)

Semester – I

Subject Code	Subject Title
BEEC 101	English I
BEEC 102	Mathematics – I
BEEC 103	Engineering Graphics
BEEC 104	Basic Electrical and Electronics Engineering
BEEC 105	Computer Fundamentals & Programming
BEEC 106	Basic Mechanical and Civil
BEEC 107 P	Workshop
BEEC 108 P	Language lab

Semester - II

Subject Code	Subject Title
BEEC 201	English II
BEEC 202	Maths II
BEEC 203	Electron Devices
BEEC 204	Basic C programming
BEEC 205	Entrepreneurship training
BEEC 206	Engineering Mechanics
BEEC 207 P	C Programming Lab
BEEC 208 P	Applied Electronics/ Mechanical/Computer Lab

Semester – III

Subject Code	Subject Name
BEEC 301	Mathematics III
BEEC 302	Electronic circuits – I
BEEC 303	Digital Systems
BEEC 304	Signals & Systems
BEEC 305	Circuit Analysis & Networks
BEEC 306	Data Structures
BEEC 307 P	Electronics Circuits & Digital Lab
BEEC 308 P	Data Structures Lab

Semester - IV

Subject Code	Subject Name
BEEC 401	Random Processes
BEEC 402	Electronic circuits – II
BEEC 403	Electro Magnetic Fields
BEEC 404	Linear Integrated Circuits
BEEC 405	Measurement & Instrumentation
BEEC 406	Environmental Science & Engineering
BEEC 407 P	Electronic Circuits - Simulation Lab
BEEC 408 P	Linear Integrated Circuits Lab

Semester – V

Subject Code	Subject Name
BEEC 501	Analog Communication Systems
BEEC 502	Microprocessors, interfacing & Applications
BEEC 503	Digital Signal Processing
BEEC 504	Transmission Lines and Waveguides
BEEC 505	Object Oriented Programming
BEEC 506	Numerical Methods
BEEC 507 P	Digital Signal Processing Lab
BEEC 508 P	Microprocessor Lab

Semester- VI

Subject Code	Subject Name
BEEC 601	Digital Communication
BEEC 602	Computer Communication
BEEC 603	Control Systems
BEEC 604	Antennas And Propagation
BEEC 605	Microcontroller & Embedded System
BEEC 606	Principles of Management
BEEC 607 P	Microcontroller Lab
BEEC 608 P	Networks & communication lab

Semester – VII

Subject Code	Subject Name
BEEC 701	Microwave Engineering
BEEC 702	Optical Communication
BEEC 703	VLSI Design
BEEC 704 E0	Elective I
BEEC 705 E0	Elective II
BEEC 706 E0	Elective III
BEEC 707 P	Fiber Optics and Microwave Lab
BEEC 708 P	VLSI Lab

Semester - VIII

Subject Code	Subject Name
	Project

List of electives

Subject Code	Subject Name
E01	Mobile Communication
E02	Fuzzy Logic and Neural Networks
E03	Total Quality Management
E04	High Speed Networks
E05	Internet and Java
E06	Power electronics
E07	Satellite Communication
E08	Telecommunication Switching and Networks
E09	Computer Hardware and Interfacing
E10	Digital Image Processing