

**JNTUH eLSDM - B.Tech. Semester - II List of Subjects**

Year - Semester	S.No.	Subject	Units Available
<b>I Year - CSE, ME, EEE, ECE, IT - R13 Syllabus</b>			
I	1	COMPUTER PROGRAMMING	5
I	2	ENGINEERING CHEMISTRY	5
I	3	ENGINEERING DRAWING	5
I	4	ENGINEERING PHYSICS	5
I	5	MATHEMATICAL METHODS	5
I	6	MATHEMATICS - I	5
<b>Electronics and Communication Engineering - 2009-10 Syllabus</b>			
II-II	1	PRINCIPLES OF ELECTRICAL ENGINEERING	8
	2	ELECTRONIC CIRCUIT ANALYSIS	8
	3	PULSE & DIGITAL CIRCUITS	8
	4	SWITCHING THEORY & LOGIC DESIGN	8
	5	ELECTROMAGNETIC THEORY & TRANSMISSION LINES	8
III-II	6	DIGITAL COMMUNICATIONS	8
	7	DIGITAL SIGNAL PROCESSING	4
	8	MICROPROCESSORS & MICROCONTROLLERS	8
<b>Electrical and Electronics Engineering - 2009-10 Syllabus</b>			
II-II	1	POWER SYSTEMS - I	8
	2	ELECTRONIC CIRCUITS	8
	3	NETWORK THEORY	8
	4	ELECTRICAL MACHINES - II	8
III-II	5	ELECTRICAL MEASUREMENTS	8
	6	POWER SEMICONDUCTOR DRIVES	8
	7	COMPUTER METHODS IN POWER SYSTEMS	8
	8	ENVIRONMENTAL STUDIES	8
IV-II	9	HVDC TRANSMISSION	8
<b>Mechanical Engineering - 2009-10 Syllabus</b>			
II-II	1	PRODUCTION TECHNOLOGY	8
	2	KINEMATICS OF MACHINERY	8
	3	APPLIED THERMODYNAMICS - I	8
	4	MECHANICS OF FLUIDS AND HYDRAULIC MACHINES	8
	5	MACHINE DRAWING	4
	6	NUMERICAL METHODS	8
III-II	7	INDUSTRIAL MANAGEMENT	8
	8	FINITE ELEMENT METHOD	8
	9	AUTOMOBILE ENGINEERING	8
	10	DESIGN OF MACHINE MEMBERS - II	4
	11	HEAT TRANSFER	2
IV-II	12	PRODUCTION PLANNING AND CONTROL	7
<b>Computer Science and Engineering - 2009-10 Syllabus</b>			
II-II	1	COMPUTER ORGANIZATION	8
	2	DATA BASE MANAGEMENT SYSTEMS	8
	3	OBJECT ORIENTED PROGRAMMING	4
	4	FORMAL LANGUAGES AND AUTOMATA THEORY	7
	5	DESIGN AND ANALYSIS OF ALGORITHMS	4

III-II	6	NETWORK SECURITY	8
	7	COMPILER DESIGN	8
	8	OBJECT ORIENTED ANALYSIS AND DESIGN	8
	9	WEB TECHNOLOGIES	8
	10	VLSI DESIGN	8
	11	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	8
IV-II	12	MANAGEMENT SCIENCE	8
<b>Information Technology - 2009-10 Syllabus</b>			
II-II	1	PRINCIPLES OF PROGRAMMING LANGUAGES	8
	2	PROBABILITY AND STATISTICS	2
III-II	3	COMPUTER GRAPHICS	8
	4	DATA WAREHOUSING AND DATA MINING	5
	5	EMBEDDED SYSTEMS	8