

JNTUK CoEeRD - B.Tech. List of Subjects			
Year - Semester	S.No.	Subject	Units Available
I Year - CSE, ME, EEE, ECE, Civil, IT - R13 Syllabus			
I-I	1	Mathematics - I	6
	2	Environmental Studies	6
	3	Engineering Mechanics	6
	4	Engineering Chemistry	6
	5	Engineering Drawing	6
	6	Engineering Physics	5
	7	Professional Ethics and Human Values	6
	8	Mathematics - II	6
	9	Computer Programming	6
Electronics and Communication Engineering - 2009-10 Syllabus			
II-I	1	Signals & Systems	8
	2	Managerial Economics and Financial Analysis	8
	3	Electronic Devices and Circuits	7
	4	Network Analysis	8
	5	Electrical Technology	6
	6	Probability Theory and Stochastic Process	8
III-I	7	Electrical Measurements and Instrumentation	8
	8	Linear IC Applications	8
	9	Antennas & Wave Propagation	8
	10	Computer Architecture & Organization	8
	12	Digital IC Applications	8
IV-I	13	Optical Communication	8
	14	Digital Image Processing	8
	15	Radar Systems	8
	16	Embedded Systems	8
Electrical and Electronics Engineering - 2009-10 Syllabus			
II-I	1	Electro Magnetic Fields	8
	2	Electrical Machines - I	8
	3	Fluid Mechanics & Hydraulic Machinery	8
	4	Managerial Economics and Financial Analysis	8
	5	Electronic Devices and Circuits	7
	6	Electrical Circuite Analysis - I	8
III-I	7	Electrical Measurements	8
	8	Power Systems - II	8
	9	Electrical Machines - III	8
	10	Digital IC Applications	8
	11	Power Electronics	8
IV-I	12	Switch Gear & Protection	8
	13	Computer Organization	8
	14	Power System Operation & Control	8
	15	High Voltage Engineering	8
Mechanical Engineering - 2009-10 Syllabus			
II-I	1	Fluid Mechanics & Hydraulic Machinery	8
	2	Computer Aided Engineering Drawing Practice	8
	3	Engineering Mechanics	6
	4	Managerial Economics and Financial Analysis	8
	5	Electrical & Electronics Engineering	8
	6	Thermodynamics	8
III-I	7	Dynamics of Machinery	5

	8	Metal Cutting & Machine Tools	8
	9	Finite Element Methods	8
	10	Operations Research	5
	11	Design of Machine Members - I	8
IV-I	12	Unconventional Machining Processes	8
	13	Alternative Sources of Energy	8
	14	CAD /CAM	6
Civil Engineering - 2009-10 Syllabus			
II-I	1	Electrical & Electronics Engineering	8
	2	Mechanics of Materials	8
	3	Surveying	8
	4	Fluid Mechanics	8
	5	Computer Aided Engineering Drawing Practice	8
	6	Construction Materials and Management	8
III-I	7	Building Planning & Drawing	8
	8	Design and Drawing of Concrete Structures	8
	9	Transportation Engineering - I	8
	10	Concrete Technology	8
	11	Water Resources Engineering - I	8
	12	Structural Analysis - II	8
IV-I	13	Remote Sensing & GIS Applications	8
	14	Design and Drawing of Irrigation Structures	6
	15	Environmental Engineering	8
	16	Geotechnical Engineering - II	8
Computer Science and Engineering - 2009-10 Syllabus			
II-I	1	Probability and Statistics	8
	2	Mathematical Foundations of Computer Science and Engineering	8
	3	Managerial Economics and Financial Analysis	8
	4	Electronic Devices and Circuits	7
	5	Data Structures	3
	6	Digital Logic Design	8
III-I	7	Computer Graphics	8
	8	Computer Networks	8
	9	Micro Processors and Multi Core Systems	8
	10	Operating Systems	5
IV-I	11	Cryptography & Network Security	8
	12	UML & Design Patterns	8
Information Technology - 2009-10 Syllabus			
II-I	1	Probability and Statistics	8
	2	Managerial Economics and Financial Analysis	8
	3	Mathematical Foundations of Computer Science and Engineering	8
	4	Electronic Devices and Circuits	7
	5	Data Structures	3
	6	Digital Logic Design	8
III-I	7	Computer Graphics	8
	8	Web Technologies	8
	9	Operating Systems	5
	10	Software Engineering	6
	11	Computer Networks	8
IV-I	12	Cryptography & Network Security	8
	13	UML & Design Patterns	8