JNTUK CoEeRD - B.Tech. Semester - II List of Subjects			
Year - Semester	S.No.	Subject	Units Available
I Year - CSE, ME, EEE, ECE, Civil, IT - R13 Syllabus			
I-II	1	Mathematics-II Linear Algebra & Vector Calculus	6
	2	Professional Ethics & Human Values	6
	3	Engineering Drawing	6
	4	Environmental Studies	6
	5	Engineering Chemistry	6
	6	Engineering Mechanics	6
	7	Electrical Circuit Analysis - I	6
	8	Computer Programming	6
	9	Network Analysis	6
Electronics and Communication Engineering - 2009-10 Syllabus			
II-II	1	Analog Communications	8
	2	Pulse and Digital Circuits	7
	3	Control Systems	8
III-II	4	Microprocessors & Microcontrollers	4
	5	Management Science	8
	6	Electromagnetic Waves and Transmission Lines	2
	7	Microwave Engineering	8
	8	Computer Networks	8
IV-II	9	Cellular and Mobile Communications	7
Electrical and Electronics Engineering - 2009-10 Syllabus			
II-II	1	Electrical Machines - II	8
	2	Electrical Circuit Analysis - II	8
III-II	3	Utilization of Electrical Energy	7
	4	Electrical Machine design	5
IV-II	5	Digital Control Systems	2
Mechanical Engineering - 2009-10 Syllabus			
II-II	1	Machine Drawing	4
	2	Kinematics of Machinery	8
	3	Thermal Engineering - I	8
III-II	4	Instrumentation & Control Systems	8
	5	Metrology	5
	6	Industrial Engg. & Management	8
	7	Mechanics of Solids	8
IV-II	8	Interactive Computer Graphics	3
Civil Engineering - 2009-10 Syllabus			
II-II	1	Engineering Geology	8
	2	Probability & Statistics	8
	3	Hydraulics and Hydraulic Machinery	8
	4	Strength of Materials	4
III-II	5	Water Resources Engineeirng - II	8
	6	Design and Drawing of Steel Structures - II	8
	7	Design and Drawing of Concrete Structures - II	8
	8	Geotechnical Engineering - I	8
	9	Water And Wastewater Engineering	3
IV-II	10	Estimatoin Specifications and Contracts	5
Computer Science and Engineering - 2009-10 Syllabus			
II-II	1	Formal Languages & Automata Theory	4
	2	Data Base Management Systems	4

	3	Software Engineering	6
	4	Computer Organization	8
	5	Principles of Programming Languages	8
III-II	6	Design and Analysis of Algorithms	4
	7	Management Science	8
	8	Advanced Computer Networks	8
	9	Advanced Java and Web Technologies	2
	10	UNIX Programming	2
	11	Intellectual Property Rights and Patents - II	4
IV-II	12	Distributed System	8
Information Technology - 2009-10 Syllabus			
II-II	1	Formal Languages & Automata Theory	4
	2	Data Base Management Systems	4
	3	Software Engineering	6
	4	Computer Organization	8
III-II	5	Design and Analysis of Algorithms	4
	6	Management Science	8
	7	Advanced Java Programming	2
	8	Advanced Java and Web Technologies	2
	9	Principles of Programming Languages	8
	10	Intellectual Property Rights and Patents - II	4
IV-II	11	Distributed System	8