VISHNU INSTITUTE OF TECHNOLOGY (AUTONOMOUS) :: BHIMAVARAM
II B.Tech - I Sem. (R23) SUBJECTS & LABS

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
CIVIL	R23	II	I	23BS3T01	Numerical Techniques and Statistical Methods	3
	R23	II	I	23HS3T01	Universal Human Values II	3
	R23	II	I	23CE3T01	Surveying	3
	R23	II	I	23CE3T02	Strength of Materials	3
	R23	II	I	23CE3T03	Fluid Mechanics	3
	R23	II	I	23CE3P01	Surveying Lab	1.5
	R23	II	I	23CE3P02	Strength of Materials Lab	1.5
	R23	II	I	23CE3P03	Building Planning and Drawing	2
	R23	II	I	23HS3A01	Environmental Science	-
EEE	R23	II	I	23BS3T02	Complex Variables & Numerical Methods	3
	R23	II	I	23HS3T01	Universal Human Values II	3
	R23	II	I	23EE3T03	Electromagnetic Field Theory	3
	R23	II	I	23EE3T01	Electrical Circuit Analysis-II	3
	R23	II	I	23EE3T02	DC Machines & Transformers	3
	R23	II	I	23EE3P01	Electrical Circuit Analysis-II and Simulation Lab	1.5
	R23	II	I	23EE3P02	DC Machines & Transformers Lab	1.5
	R23	II	I	23CS3P03	Data Structures Lab	2
	R23	II	I	23HS3A01	Environmental Science	-
ME	R23	II	I	23BS3T03	Numerical Methods and Transform Techniques	3
	R23	II	I	23HS3T01	Universal Human Values II	3
	R23	II	I	23ME3T01	Thermodynamics	2
	R23	II	I	23ME3T02	Mechanics of Solids	3
	R23	II	I	23ME3T03	Materials Science and Metallurgy	3
	R23	II	I	23ME3P02	Mechanics of Solids and Materials Science Lab	1.5
	R23	II	I	23ME3P01	Computer-aided Machine Drawing	1.5
	R23	II	I	23IT3P02	Python programming Lab	1
	R23	II	I	23EC3P03	Embedded Systems and IoT	2
	R23	II	I	23HS3A01	Environmental Science	-
ECE	R23	II	I	23BS3T04	Probability Theory and Stochastic Process	3
	R23	II	I	23HS3T01	Universal Human Values II	3
	R23	II	I	23EC3T03	Signals and Systems	3
	R23	II	I	23EC3T01	Electronic Devices and Circuits	3
	R23	II	I	23EC3T02	Switching Theory and Logic Design	3
	R23	II	I	23EC3P01	Electronic Devices and Circuits Lab	1.5
	R23	II	I	23EC3P02	Switching Theory and Logic Design Lab	1.5
	R23	II	I	23CS3P04	Data Structures using Python	2
	R23	II	I	23HS3A01	Environmental Science	-
CSE	R23	II	I	23CS3T02	Discrete Mathematics & Graph Theory	3
	R23	II	I	23HS3T01	Universal Human Values II	3
	R23	II	I	23IT3T02	Digital Logic & Computer Organization	3
	R23	II	I	23CS3T01	Database Management Systems	3
	R23	II	I	23IT3T01	Object Oriented Programming through Java	3
	R23	II	I	23CS3P01	Database Management Systems Lab	1.5
	R23	II	I	23IT3P01	Object Oriented Programming through Java Lab	1.5
	R23	II	I	23CS3P02	Python Programming	2
	R23	II	I	23HS3A01	Environmental Science	-

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	R23	II	I	23CS3T02	Discrete Mathematics & Graph Theory	3
	R23	II	I	23HS3T01	Universal Human Values II	3
	R23	II	I	23IT3T02	Digital Logic & Computer Organization	3
	R23	II	I	23CS3T01	Database Management Systems	3
IT	R23	II	I	23IT3T01	Object Oriented Programming through Java	3
	R23	II	I	23CS3P01	Database Management Systems Lab	1.5
	R23	II	I	23IT3P01	Object Oriented Programming through Java Lab	1.5
	R23	II	I	23CS3P02	Python Programming	2
	R23	II	I	23HS3A01	Environmental Science	-

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	R23	II	I	23CS3T02	Discrete Mathematics & Graph Theory	3
	R23	II	I	23HS3T01	Universal Human Values II	3
	R23	II	I	23CS3T01	Database Management Systems	3
	R23	II	I	23AD3T01	Advanced Data Structures & Algorithms Analysis	3
AI&DS	R23	II	I	23IT3T01	Object Oriented Programming through Java	3
	R23	II	I	23AD3P01	Advanced Data Structures & Algorithms Analysis Lab	1.5
	R23	II	I	23IT3P01	Object Oriented Programming through Java Lab	1.5
	R23	II	I	23CS3P02	Python Programming	2
	R23	II	I	23HS3A01	Environmental Science	-

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	R23	II	I	23CS3T02	Discrete Mathematics & Graph Theory	3
	R23	II	I	23HS3T01	Universal Human Values II	3
	R23	II	I	23AM3T01	Artificial Intelligence	3
	R23	II	I	23CS3T01	Database Management Systems	3
AI&ML	R23	II	I	23IT3T01	Object Oriented Programming through Java	3
	R23	II	I	23CS3P01	Database Management Systems Lab	1.5
	R23	II	I	23IT3P01	Object Oriented Programming through Java Lab	1.5
	R23	II	I	23CS3P02	Python Programming	2
	R23	II	I	23HS3A01	Environmental Science	-

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	R23	II	I	23CS3T02	Discrete Mathematics & Graph Theory	3
	R23	II	I	23HS3T01	Universal Human Values II	3
	R23	II	I	23IT3T02	Digital Logic & Computer Organization	3
	R23	II	I	23CS3T01	Database Management Systems	3
CS&BS	R23	II	I	23IT3T01	Object Oriented Programming through Java	3
	R23	II	I	23CS3P01	Database Management Systems Lab	1.5
	R23	II	I	23IT3P01	Object Oriented Programming through Java Lab	1.5
	R23	II	I	23CS3P02	Python Programming	2
	R23	II	I	23HS3A02	Fundamentals of Economics	-