

VISHNU INSTITUTE OF TECHNOLOGY (AUTONOMOUS) :: BHIMAVARAM

II B.Tech - I Sem. (R20) Subjects & Labs

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
CIVIL	R20	II	I	20BS3T01	Mathematics – III (Complex variables & PDE)	3
	R20	II	I	20CE3T01	Strength of Materials - I	3
	R20	II	I	20CE3T02	Fluid Mechanics	3
	R20	II	I	20CE3T03	Surveying	3
	R20	II	I	20CE3T04	Highway Engineering	3
	R20	II	I	20CE3P01	Concrete Technology Lab	1.5
	R20	II	I	20CE3P02	Highway Engineering Lab	1.5
	R20	II	I	20CE3P03	Surveying Field Work Lab	1.5
	R20	II	I	20CE3P04	Building & Earth Science	2
R20	II	I	20BS3A01	Constitution of India	0	

EEE	R20	II	I	20BS3T01	Mathematics – III (Complex variables & PDE)	3
	R20	II	I	20EE3T01	Electrical Circuit Analysis - II	3
	R20	II	I	20EE3T02	Electromagnetic Fields	3
	R20	II	I	20EC3T04	Electronics Devices & Circuits	3
	R20	II	I	20EE3T03	Electrical Machines - I	3
	R20	II	I	20EE3P01	Electrical Machines - I Lab	1.5
	R20	II	I	20EC3P06	Electronics Devices & Circuits Lab	1.5
	R20	II	I	20EE3P02	Electrical Circuit Analysis Lab	1.5
	R20	II	I	20EE3P03	Design of Electrical Circuits using Engineering Software Tools	2
R20	II	I	20BS3A02	Environmental Science	0	

ME	R20	II	I	20BS3T01	Mathematics – III (Complex variables & PDE)	3
	R20	II	I	20ME3T01	Thermodynamics	3
	R20	II	I	20ME3T02	Materials Science and Metallurgy	3
	R20	II	I	20ME3T03	Mechanics of Solids	3
	R20	II	I	20ME3T04	Manufacturing Processes	3
	R20	II	I	20ME3P01	Machine Drawing	1.5
	R20	II	I	20ME3P02	Metallurgy & Mechanics of Solids Lab	1.5
	R20	II	I	20ME3P03	Manufacturing Processes Lab	1.5
	R20	II	I	20ME3P04	Computer Aided Engineering Modelling	2
R20	II	I	20BS3A01	Constitution of India	0	

ECE	R20	II	I	20BS3T01	Mathematics – III (Complex variables & PDE)	3
	R20	II	I	20EC3T01	Electronic Circuit and Analysis	3
	R20	II	I	20EC3T02	Signals and Systems	3
	R20	II	I	20EC3T03	Switching Theory and Logic Design	3
	R20	II	I	20BS3T03	Random Variables and Stochastic Process	3
	R20	II	I	20EC3P01	Electronic Circuit and Analysis Lab	1.5
	R20	II	I	20EC3P02	Switching Theory and Logic Design Lab	1.5
	R20	II	I	20EE3P04	Network Analysis and Electrical Technology Lab	1.5
	R20	II	I	20EC3P03	Employability Skills-Aptitude	2
	R20	II	I	20EC3P04	Employability Skills-ATL	2
	R20	II	I	20EC3P05	Employability Skills-PCB Design	2
	R20	II	I	20BS3A01	Constitution of India	0

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
CSE	R20	II	I	20BS3T04	Discrete Mathematical Structures	3
	R20	II	I	20CS3T01	Data Structures	3
	R20	II	I	20IT3T01	Database Management Systems	3
	R20	II	I	20IT3T02	Object Oriented Programming through Java	3
	R20	II	I	20CS3T02	Computer Organization	3
	R20	II	I	20CS3P01	Data Structures Lab	1.5
	R20	II	I	20IT3P01	Database Management Systems Lab	1.5
	R20	II	I	20IT3P02	Object Oriented Programming through Java Lab	1.5
	R20	II	I	20CS3P02	Web Application Development Using Full Stack - Module - I	2
	R20	II	I	20BS3A02	Environmental Science	0

IT	R20	II	I	20BS3T04	Discrete Mathematical Structures	3
	R20	II	I	20CS3T01	Data Structures	3
	R20	II	I	20IT3T01	Database Management Systems	3
	R20	II	I	20IT3T02	Object Oriented Programming through Java	3
	R20	II	I	20CS3T02	Computer Organization	3
	R20	II	I	20CS3P01	Data Structures Lab	1.5
	R20	II	I	20IT3P01	Database Management Systems Lab	1.5
	R20	II	I	20IT3P02	Object Oriented Programming through Java Lab	1.5
	R20	II	I	20CS3P02	Web Application Development Using Full Stack - Module - I	2
	R20	II	I	20BS3A02	Environmental Science	0

AI&DS	R20	II	I	20BS3T04	Discrete Mathematical Structures	3
	R20	II	I	20CS3T01	Data Structures	3
	R20	II	I	20IT3T01	Database Management Systems	3
	R20	II	I	20IT3T02	Object Oriented Programming through Java	3
	R20	II	I	20BS3T02	Probability & Statistics	3
	R20	II	I	20CS3P01	Data Structures Lab	1.5
	R20	II	I	20IT3P01	Database Management Systems Lab	1.5
	R20	II	I	20IT3P02	Object Oriented Programming through Java Lab	1.5
	R20	II	I	20CS3P02	Web Application Development Using Full Stack - Module - I	2
	R20	II	I	20BS3A01	Constitution of India	0

CS&BS	R20	II	I	20CB3T01	Formal Language and Automata Theory	3
	R20	II	I	20CB3T02	Computer Organization & Architecture	3
	R20	II	I	20CB3T03	Software Engineering	3
	R20	II	I	20IT3T02	Object Oriented Programming through Java	3
	R20	II	I	20HS3T01	Financial Management	3
	R20	II	I	20CB3P01	Software Engineering Lab	1.5
	R20	II	I	20CB3P02	Computational Statistics Lab	1.5
	R20	II	I	20IT3P02	Object Oriented Programming through Java Lab	1.5
	R20	II	I	20CB3P04	Web Application Development Using Full Stack - Frontend Development	2
	R20	II	I	20BS3A01	Constitution of India	0