

VISHNU INSTITUTE OF TECHNOLOGY (AUTONOMOUS) :: BHIMAVARAM

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

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
CIVIL	R20	II	II	20BS4T01	Mathematics – IV (Numerical Methods, Probability & Statistics)	3
	R20	II	II	20CE4T01	Strength of Materials -II	3
	R20	II	II	20CE4T02	Hydraulics and Hydraulic Machinery	3
	R20	II	II	20CE4T03	Environmental Engineering	3
	R20	II	II	20HS4T01	Universal Human Values	3
	R20	II	II	20CE4P01	Environmental Engineering Lab	1.5
	R20	II	II	20CE4P02	Strength of Materials Lab	1.5
	R20	II	II	20CE4P03	Fluid Mechanics & Hydraulics Machinery Lab	1.5
	R20	II	II	20CE4P04	Advanced Construction Planning	2
R20	II	II	20HS4A01	Critical Reading and Creative Writing	0	

EEE	R20	II	II	20EC4T04	Digital Logic Design	3
	R20	II	II	20BS4T01	Mathematics – IV (Numerical Methods, Probability & Statistics)	3
	R20	II	II	20EE4T01	Control Systems	3
	R20	II	II	20EE4T02	Electrical Machines - II	3
	R20	II	II	20HS4T01	Universal Human Values	3
	R20	II	II	20CS4P05	Data Structures Lab	1.5
	R20	II	II	20EE4P01	Control Systems Lab	1.5
	R20	II	II	20EE4P02	Electrical Machines – II Lab	1.5
	R20	II	II	20EE4P03	IoT Applications of Electrical Engineering	2
R20	II	II	20HS4A01	Critical Reading and Creative Writing	0	

ME	R20	II	II	20BS4T01	Mathematics – IV (Numerical Methods, Probability & Statistics)	3
	R20	II	II	20ME4T01	Fluid Mechanics and Hydraulic Machines	3
	R20	II	II	20ME4T02	Kinematics of Machines	3
	R20	II	II	20ME4T03	Applied Thermodynamics	3
	R20	II	II	20HS4T01	Universal Human Values	3
	R20	II	II	20ME4P01	Fluid Mechanics & Hydraulic Machines Lab	1.5
	R20	II	II	20ME4P02	Applied Thermodynamics Lab	1.5
	R20	II	II	20ME4P03	Structural Analysis Lab	1.5
				20ME4P04	Advanced Solid Modelling	2
R20	II	II	20HS4A01	Critical Reading and Creative Writing	0	

ECE	R20	II	II	20EE4T01	Control Systems	3
	R20	II	II	20EC4T01	Analog Communication	3
	R20	II	II	20EC4T02	Pulse and Digital Circuits	3
	R20	II	II	20EC4T03	Electromagnetic Waves and Transmission lines	3
	R20	II	II	20HS4T01	Universal Human Values	3
	R20	II	II	20EC4P01	Signals and Systems Lab	1.5
	R20	II	II	20EC4P02	Analog Communication Lab	1.5
	R20	II	II	20EC4P03	Pulse and Digital Circuits Lab	1.5
	R20	II	II	20EC4P04	Employability Skills-Aptitude	2
	R20	II	II	20EC4P05	Employability Skills-ATL	2
	R20	II	II	20EC4P06	Employability Skills-PCB Design	2
	R20	II	II	20HS4A01	Critical Reading and Creative Writing	0

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
CSE	R20	II	II	20BS4T02	Probability & Statistics	3
	R20	II	II	20CS4T01	Fundamentals of Machine Learning	3
	R20	II	II	20CS4T02	Operating Systems	3
	R20	II	II	20IT4T01	Software Engineering	3
	R20	II	II	20HS4T01	Universal Human Values	3
	R20	II	II	20CS4P02	OS Lab	1.5
	R20	II	II	20IT4P01	UML Lab	1.5
	R20	II	II	20CS4P01	Fundamentals of Machine Learning Lab	1.5
	R20	II	II	20IT4P03	Web Application Development Using Full Stack – Module - II	2
	R20	II	II	20HS4A01	Critical Reading and Creative Writing	0

IT	R20	II	II	20BS4T02	Probability & Statistics	3
	R20	II	II	20CS4T01	Fundamentals of Machine Learning	3
	R20	II	II	20CS4T02	Operating Systems	3
	R20	II	II	20IT4T01	Software Engineering	3
	R20	II	II	20HS4T01	Universal Human Values	3
	R20	II	II	20CS4P02	OS Lab	1.5
	R20	II	II	20IT4P01	UML Lab	1.5
	R20	II	II	20CS4P01	Fundamentals of Machine Learning Lab	1.5
	R20	II	II	20IT4P03	Web Application Development Using Full Stack – Module - II	2
	R20	II	II	20HS4A01	Critical Reading and Creative Writing	0

AI&DS	R20	II	II	20IT4T01	Software Engineering	3
	R20	II	II	20AD4T01	Data warehousing and Mining	3
	R20	II	II	20CS4T02	Operating Systems	3
	R20	II	II	20AD4T02	Introduction to Artificial Intelligence & data Science	3
	R20	II	II	20HS4T01	Universal Human Values	3
	R20	II	II	20CS4P02	OS Lab	1.5
	R20	II	II	20AD4P02	AI & DS Lab	1.5
	R20	II	II	20AD4P01	Data Mining using Python Lab	1.5
	R20	II	II	20IT4P03	Web Application Development Using Full Stack – Module - II	2
	R20	II	II	20HS4A01	Critical Reading and Creative Writing	0

CS&BS	R20	II	II	20CS4T02	Operating Systems	3
	R20	II	II	20CB4T01	Database Management Systems	3
	R20	II	II	20BS4T03	Operations Research	3
	R20	II	II	20CB4T02	Marketing Research & Marketing Management	3
	R20	II	II	20HS4T01	Universal Human Values	3
	R20	II	II	20CS4P02	OS Lab	1.5
	R20	II	II	20CB4P02	Business Communication & Value Science – III Lab	1.5
	R20	II	II	20CB4P01	Database Management Systems Lab	1.5
	R20	II	II	20CB4P03	Software Design with UML	2
	R20	II	II	20HS4A02	Introduction to Innovation, IP Management & Entrepreneurship	0

Controller of Examinations