VISHNU INSTITUTE OF TECHNOLOGY (AUTONOMOUS) :: BHIMAVARAM

III B.Tech - II Sem. (R19) SUBJECTS & LABS

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
CIVIL	R19	III	II	19CE6T01	Design & Drawing of Steel Structures	3
	R19	III	II	19CE6T02	Foundation Engineering	3
	R19	III	II	19CE6T03	Transportation Engineering	3
	R19	III	II	19CE6T05	Railway and Airport Engineering	3
	R19	III	II	19OE6T02	Management Science	3
	R19	III	II	19OE6T05	OOPS Through Java	3
	R19	III	II	19CE6P01	Building planning and drawing through AutoCAD	1.5
	R19	III	II	19CE6P02	Transportation Engineering Lab	1.5
	R19	III	II	19CE6J01	Socially Relevant Project	1

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
EEE	R19	III	II	19EE6T01	Electrical Machines-III	3
	R19	III	II	19EE6T02	Power System Analysis	3
	R19	III	II	19EC6T01	Microprocessor and Microcontrollers	3
	R19	III	II	19ME6T05	Design Thinking & Product Innovation	3
	R19	III	II	19HE6T01	Managerial Economics & Financial Analysis	3
	R19	III	II	19OE6T05	OOPS Through Java	3
	R19	III	II	19EE6J01	Mini Project	1.5
	R19	III	II	19EE6P01	Electrical Machines-II Lab	1.5
	R19	III	II	19EE6P02	Power Electronics Lab	1.5
	R19	III	II	19EC6P03	Microprocessors and Microcontrollers Lab	1.5

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
ME	R19	III	II	19ME6T01	CAD/CAM	3
	R19	III	II	19ME6T02	Heat Transfer	3
	R19	III	II	19ME6T05	Design Thinking & Product Innovation	3
	R19	III	II	19ME6T06	Robotics	3
	R19	III	II	19OE6T03	Internet of Things	3
	R19	III	II	19HE6T01	Managerial Economics & Financial Analysis	3
	R19	III	II	19BS6T06	Quantitative Aptitude – II	1
	R19	III	II	19ME6P01	CAD/CAM Lab	1.5
	R19	III	II	19ME6P02	Heat Transfer Lab	1.5
	R19	III	II	19ME6J01	Mini Project	2

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
ECE	R19	III	II	19EC6T01	Microprocessor and Microcontrollers	3
	R19	III	II	19EC6T02	Digital Signal Processing	3
	R19	III	II	19EC6T03	Microwave Engineering	3
	R19	**III**	**II**	19OE6T11	Computer Architecture and Organization	3
	R19	**III**	**II**	19EC6T06	Digital System Design	3
	R19	**III**	**II**	19HE6T01	Managerial Economics & Financial Analysis	3
	R19	III	II	19EC6P01	Microprocessor and Microcontrollers Lab	1
	R19	III	II	19EC6P02	Digital Signal Processing Lab	1
	R19	III	II	19BS6P01	Advanced English Communication Skills Lab	1.5
	R19	III	II	19EC6I01	Industrial Trainings/Internships/ Certification Courses	0.5

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
CSE	R19	III	II	19CS6T01	Computer Networks	3
	R19	III	II	19CS6T02	Data Science & Visualization	4
	R19	III	II	19CS6T03	Compiler Design	3
	R19	**III**	**II**	19CS6T04	Software Project Management	3
	R19	**III**	**II**	19OE6T15	Information Theory and Coding	3
	R19	III	II	19CS6P01	Computer Networks Lab	1.5
	R19	III	II	19CS6P02	Data Science Lab	1.5
	R19	III	II	19BS6P01	Advanced English Communication Skills Lab	1.5
	R19	III	II	19CS6J01	Socially Relevant Projects (15 hrs / semester)	0.5
	R19	III	II	19CS6I01	Industrial Training/ Internship/ Research Projects	0

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
IT	R19	III	II	19IT6T01	Advanced Java & Web Technologies	4
	R19	III	II	19IT6T02	Unix & Shell Programming	3
	R19	III	II	19IT6T03	Design and Analysis of Algorithms	3
	R19	**III**	**II**	19CS6T04	Software Project Management	3
	R19	**III**	**II**	19HE6T07	Management Science	3
	R19	III	II	19IT6P01	Advanced Java and Web Technologies Lab	1.5
	R19	III	II	19IT6P02	Unix & Shell programming Lab	1.5
	R19	III	II	19BS6P01	Advanced English Communication Skills Lab	1.5
	R19	III	II	19IT6J01	Socially Relevant Projects (15 hrs / semester)	0.5
	R19	III	II	19IT6I01	Industrial Training/ Internship/ Research Projects	0