

VISHNU INSTITUTE OF TECHNOLOGY (AUTONOMOUS) :: BHIMAVARAM

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

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
CIVIL	R19	III	I	19CE5T01	Design & Drawing of Reinforced Concrete Structures	3
	R19	III	I	19CE5T02	Strength of Materials-II	3
	R19	III	I	19CE5T03	Geo-Technical Engineering	3
	R19	III	I	19CE5T08	Hydraulics and Hydraulic Machinery	3
	R19	III	I	19CE5T04	Remote Sensing & Geographical Information Systems	3
	R19	III	I	19OE5T11	Data Structures	3
	R19	III	I	19CE5P01	Geo-Technical Engineering Lab	1.5
	R19	III	I	19BS5P01	Advanced English Communication Skills Lab	1.5
	R19	III	I	19BS5A01	Quantitative Aptitude-II	0

EEE	R19	III	I	19EE5T01	Power Electronics	3
	R19	III	I	19EE5T02	Electrical Measurements	3
	R19	III	I	19EE5T03	Electrical Machines-II	3
	R19	III	I	19EC5T07	Pulse and Digital Circuits	3
	R19	III	I	19OE5T11	Data Structures	3
	R19	III	I	19EE5P01	Electrical Machines – I Lab	1.5
	R19	III	I	19EE5P02	Control Systems Lab	1.5
	R19	III	I	19BS5P01	Advanced English Communication Skills Lab	1.5
	R19	III	I	19EE5J01	Socially Relevant project	1.5
	R19	III	I	19BS5A01	Quantitative Aptitude-II	0

ME	R19	III	I	19ME5T01	Dynamics of Machinery	3
	R19	III	I	19ME5T02	Design of Machine Members	3
	R19	III	I	19ME5T03	Machine Tools	3
	R19	III	I	19ME5T04	Automobile Engineering	3
	R19	III	I	19ME5T07	Refrigeration & Air Conditioning	3
	R19	III	I	19OE5T08	OOPS through JAVA	3
	R19	III	I	19OE5T09	AI Tools, Techniques & Applications	3
	R19	III	I	19ME5P01	Machine Drawing	1.5
	R19	III	I	19ME5P02	Dynamics of Machinery Lab	1.5
	R19	III	I	19ME5P03	Machine Tools Lab	1.5
	R19	III	I	19ME5P04	Computer Aided Simulation and Analysis Lab	1
	R19	III	I	19BS5P01	Advanced English Communication Skills Lab	1.5

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
ECE	R19	III	I	19EC5T01	Integrated Circuits and Applications	3
	R19	III	I	19EC5T02	Antenna and Wave Propagation	3
	R19	III	I	19EC5T03	Digital Communications	3
	R19	III	I	19EE5T04	Control Systems	3
	R19	III	I	19EC5T04	Optical Communications	3
	R19	III	I	19OE5T08	OOPS through JAVA	3
	R19	III	I	19BS5T03	Logical Reasoning II	1
	R19	III	I	19EC5P01	Digital Communications Lab	1
	R19	III	I	19EC5P02	Linear & Digital IC Lab	1
	R19	III	I	19EC5J01	Mini Project-II	1

CSE	R19	III	I	19CS5T01	Formal Languages & Automata Theory	3
	R19	III	I	19CS5T02	Design and Analysis of Algorithms	3
	R19	III	I	19CS5T03	Operating Systems	3
	R19	III	I	19CS5T05	Natural Language Processing	3
	R19	III	I	19CS5T04	Full Stack Web Development	3
	R19	III	I	19OE5T12	Statistics with R Programming	3
	R19	III	I	19BS5T01	Mathematics-III (Differential Calculus and Number Theory & Applications)	3
	R19	III	I	19BS5T02	Quantitative Aptitude II	1
	R19	III	I	19CS5P01	Operating System & Language Processor Lab	1.5
	R19	III	I	19CS5P02	Natural Language Processing Lab	1.5
	R19	III	I	19CS5P03	Full Stack Web Development Lab	1.5
	R19	III	I	19CS5J01	Socially Relevant Project (15 Hrs /Sem)	0.5

IT	R19	III	I	19IT5T01	Computer Networks	3
	R19	III	I	19CS5T03	Operating Systems	3
	R19	III	I	19IT5T02	Compiler Design	3
	R19	III	I	19IT5T04	Full Stack Web Development	3
	R19	III	I	19OE5T02	Robotics	3
	R19	III	I	19OE5T12	Statistics with R Programming	3
	R19	III	I	19BS5T01	Mathematics-III (Differential Calculus and Number Theory & Applications)	3
	R19	III	I	19BS5T02	Quantitative Aptitude II	1
	R19	III	I	19IT5P03	Full Stack Web Development Lab	1.5
	R19	III	I	19IT5P01	Computer Networks Lab	1.5
	R19	III	I	19IT5P02	Operating Systems & Compiler Design Lab	1.5
	R19	III	I	19CS5J01	Socially Relevant Project (15 Hrs /Sem)	0.5