

**VISHNU INSTITUTE OF TECHNOLOGY ( AUTONOMOUS) :: BHIMAVARAM**

<b>II B.Tech - I Sem. (R19) SUBJECTS &amp; LABS</b>						<b>Credits</b>
<b>BRANCH</b>	<b>REG</b>	<b>YEAR</b>	<b>SEM</b>	<b>SUB CODE</b>	<b>SUBJECT</b>	
<b>CIVIL</b>	R19	II	I	19BS3T01	Mathematics-III (Numerical methods & Applied Statist	3
	R19	II	I	19CE3T01	Building Materials & Construction	3
	R19	II	I	19CE3T02	Engineering Geology	3
	R19	II	I	19CE3T03	Surveying & Geomatics	3
	R19	II	I	19CE3T04	Engineering Mechanics	3
	R19	II	I	19CE3P01	Engineering Geology Lab	1.5
	R19	II	I	19CE3P02	Surveying Lab	1.5
	R19	II	I	19BS3P01	Business English Communication Lab	1.5
	R19	II	I	19BS3A01	Quantitative Aptitude-I	0

<b>EEE</b>	R19	II	I	19EE3T01	Power Systems-I	3
	R19	II	I	19EE3T02	Electrical Circuit Analysis - I	3
	R19	II	I	19EE3T03	Electromagnetic Fields	3
	R19	II	I	19EE3T05	Electronic Devices and Circuits	3
	R19	II	I	19EE3T06	Internet of Things	3
	R19	II	I	19IT3T03	AI Tools, Techniques & Applications	3
	R19	II	I	19EC3P01	Electronic Devices and Circuits Lab	1.5
	R19	II	I	19BS3P02	Business English Communication Lab	1
	R19	II	I	19CS3P04	Internet of Things Lab	1
	R19	II	I	19IT3P02	AI Tools, Techniques & Applications Lab	1.5
	R19	II	I	19BS3A01	Quantitative Aptitude-I	0

<b>ME</b>	R19	II	I	19ME3T01	Material Science and Metallurgy	3
	R19	II	I	19ME3T02	Manufacturing Processes	3
	R19	II	I	19BS3T01	Mathematics-III (Numerical methods & Applied Statist	3
	R19	II	I	19ME3T03	Engineering Mechanics	3
	R19	II	I	19ME3T04	Thermodynamics	3
	R19	II	I	19ME3P01	Metallurgy Lab	1.5
	R19	II	I	19ME3P02	Manufacturing Processes Lab	1.5
	R19	II	I	19BS3A01	Quantitative Aptitude-I	0

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
ECE	R19	II	I	19EC3T01	Electronic Devices and Circuits	3
	R19	II	I	19EC3T02	Signals and Systems	3
	R19	II	I	19EC3T03	Switching Theory and Logic Design	3
	R19	II	I	19EC3T04	Random Variables and Stochastic Process	2
	R19	II	I	19EE3T04	Electrical Technology	3
	R19	II	I	19EC3T05	Internet of Things	2
	R19	II	I	19EC3P01	Electronic Devices and Circuits Lab	1.5
	R19	II	I	19EE3P01	Network Analysis & Electrical Technology	1.5
	R19	II	I	19CS3P01	IOT Lab	1.5
	R19	II	I	19BS3P01	Business English Communication Lab	1.5
R19	II	I	19BS3A01	Quantitative Aptitude-I	0	

CSE	R19	II	I	19IT3T02	Discrete Mathematical Structures	3
	R19	II	I	19CS3T02	Internet of Things	3
	R19	II	I	19CS3T03	Data Structures and Algorithms	3
	R19	II	I	19CS3T01	Computer Organization & Architecture	3
	R19	II	I	19CS3T04	Object Oriented Programming through Java	3
	R19	II	I	19CS3P01	IOT Lab	1.5
	R19	II	I	19CS3P02	DS Lab	1.5
	R19	II	I	19CS3P03	OOPS through Java Lab	1.5
	R19	II	I	19BS3A01	Quantitative Aptitude-I	0

IT	R19	II	I	19IT3T01	Software Engineering	3
	R19	II	I	19IT3T02	Discrete Mathematical Structures	3
	R19	II	I	19IT3T03	AI Tools, Techniques & Applications	3
	R19	II	I	19CS3T03	Data Structures and Algorithms	3
	R19	II	I	19EC3T06	Digital Logic Design	3
	R19	II	I	19CS3T04	Object Oriented Programming through Java	3
	R19	II	I	19IT3P02	AI Tools, Techniques & Applications Lab	1.5
	R19	II	I	19CS3P02	DS Lab	1.5
	R19	II	I	19CS3P03	OOPS through Java Lab	1.5
	R19	II	I	19BS3A01	Quantitative Aptitude-I	0

