VISHNU INSTITUTE OF TECHNOLOGY (AUTONOMOUS) :: BHIMAVARAM
III B.Tech - I Sem. (R20) Subjects & Labs

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
CIVIL	R20	III	I	20CE5T01	Structural Analysis	3
	R20	III	I	20CE5T02	Geotechnical Engineering-I	3
	R20	III	I	20CE5T03	Design & Drawing of Reinforced Concrete Structures	3
	R20	III	I	20OE5T02	Object Oriented Programming through Java	3
	R20	III	I	20CE5T05	Remote Sensing & GIS Applications	3
	R20	III	I	20CE5P01	Geotechnical Engineering Laboratory	1.5
	R20	III	I	20CE5P02	Remote Sensing & GIS Laboratory	1.5
	R20	III	I	20BS5P01	Advanced English Communication Skills Lab	2
	R20	III	I	20CE5J01	Engineering Exploration Project	0
	R20	III	I	20CE5I01	Summer Internship	1.5

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
EEE	R20	III	I	20EE5T01	Electrical Power Generation & Transmission	3
	R20	III	I	20EE5T02	Electrical Measurements & Instrumentation	3
	R20	III	I	20EE5T03	Power Electronics	3
	R20	III	I	20OE5T02	Object Oriented Programming through Java	3
	R20	III	I	20EE5T04	Pulse and Digital Circuits	3
	R20	III	I	20EE5P01	Electrical Measurements Lab	1.5
	R20	III	I	20EE5P02	Power Electronics Lab	1.5
	R20	III	I	20BS5P01	Advanced English Communication Skills Lab	2
	R20	III	I	20HS5A01	Intellectual Property Rights and Patents	0
	R20	III	I	20EE5I01	Summer Internship	1.5

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
ME	R20	III	I	20ME5T01	Dynamics of Machinery	3
	R20	III	I	20ME5T02	Metal Cutting and Machine Tools	3
	R20	III	I	20ME5T03	Design of Machine Members	3
	R20	III	I	20ME5T06	Refrigeration & Air-Conditioning	3
	R20	III	I	20ME5T07	Automobile Engineering	3
	R20	III	I	20OE5T02	Object Oriented Programming through Java	3
	R20	III	I	20ME5P01	Theory of Machines Lab	1.5
	R20	III	I	20ME5P02	Machine Tools Lab	1.5
	R20	III	I	20BS5P01	Advanced English Communication Skills Lab	2
	R20	III	I	20ME5J01	Engineering Exploration Project	0
	R20	III	I	20ME5I01	Summer Internship	1.5

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
ECE	R20	III	I	20EC5T01	Integrated Circuits and Applications	3
	R20	III	I	20EC5T02	Antenna and Wave Propagation	3
	R20	III	I	20EC5T03	Digital Communication	3
	R20	III	I	20OE5T02	Object Oriented Programming through Java	3
	R20	III	I	20EC5T05	Internet of Things	3
	R20	III	I	20EC5P01	IC Applications Lab	1.5
	R20	III	I	20EC5P02	Digital Communication Lab	1.5
	R20	III	I	20EC5P03	Employability Skills-Aptitude	2
	R20	III	I	20EC5P04	Employability Skills-ATL	
	R20	III	I	20EC5P05	Employability Skills-PCB Design	
	R20	III	I	20HS5A01	Intellectual Property Rights and Patents	0
	R20	III	I	20EC5I01	Summer Internship	1.5

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
CSE	R20	III	I	20CS5T01	Design and Analysis of Algorithms	3
	R20	III	I	20CS5T02	Computer Networks	3
	R20	III	I	20IT5T01	Compiler Design	3
	R20	III	I	20JE5T01	Web Technologies	3
	R20	III	I	20CS5T04	Software Testing Methodologies	3
	R20	III	I	20CS5P01	Web Technologies Lab	1.5
	R20	III	I	20IT5P02	Computer Networks & Compiler Design Lab	1.5
	R20	III	I	20IT5P03	Quantitative Aptitude & Logical Reasoning	2
	R20	III	I	20CS5A01	Competitive Coding	0
	R20	III	I	20CS5I01	Summer Internship	1.5
IT	R20	III	I	20CS5T01	Design and Analysis of Algorithms	3
	R20	III	I	20CS5T02	Computer Networks	3
	R20	III	I	20IT5T01	Compiler Design	3
	R20	III	I	20JE5T02	Advanced Web Technologies	3
	R20	III	I	20IT5T02	Software Testing	3
	R20	III	I	20IT5P01	Advanced Web Technologies Lab	1.5
	R20	III	I	20IT5P02	Computer Networks & Compiler Design Lab	1.5
	R20	III	I	20IT5P03	Quantitative Aptitude & Logical Reasoning	2
	R20	III	I	20CS5A01	Competitive Coding	0
	R20	III	I	20IT5I01	Summer Internship	1.5
AI&DS	R20	III	I	20CS5T01	Design and Analysis of Algorithms	3
	R20	III	I	20AD5T01	Computer Organization	3
	R20	III	I	20AD5T02	Machine Learning	3
	R20	III	I	20JE5T01	Web Technologies	3
	R20	III	I	20AD5T04	Statistics with R Programming	3
	R20	III	I	20CS5P01	Web Technologies Lab	1.5
	R20	III	I	20AD5P01	Machine Learning Lab	1.5
	R20	III	I	20IT5P03	Quantitative Aptitude & Logical Reasoning	2
	R20	III	I	20CS5A01	Competitive Coding	0
	R20	III	I	20AD5I01	Summer Internship	1.5
CS&BS	R20	III	I	20CS5T01	Design and Analysis of Algorithms	3
	R20	III	I	20CB5T01	Fundamentals of Management	3
	R20	III	I	20IT5T01	Compiler Design	3
	R20	III	I	20OE5T10	Design Thinking	3
	R20	III	I	20CB5T04	Artificial Intelligence	3
	R20	III	I	20CB5P01	Efficient Algorithms Lab	1.5
	R20	III	I	20CB5P02	Compiler Design Lab	1.5
	R20	III	I	20IT5P03	Quantitative Aptitude & Logical Reasoning	2
	R20	III	I	20CB5A01	Business Strategy	0
	R20	III	I	20CB5I01	Summer Internship	1.5