VISHNU INSTITUTE OF TECHNOLOGY (AUTONOMOUS) :: BHIMAVARAM

III B.TECH II SEM (R23) - SUBJECTS AND CODES - 2023 Batch

Branch	Subject Code	Subject Name	Credits
CIVIL	23CE6T01	Design and Drawing of Steel Structures	3
	23CE6T02	Highway Engineering	3
	23CE6T03	Environmental Engineering	3
	23CE6T04	Ground Improvement Techniques	3
	23CE6T10	Interior Design & Space Planning	3
	23OE6T04	Principles of Database Management Systems	3
	23CE6P01	Environmental Engineering Lab	1.5
	23CE6P02	Highway Engineering Lab	1.5
	23CE6P03	CAD Lab	2
	23HS6A01	Technical Paper Writing & IPR	0
EEE	23EE6T01	Electrical Measurements and Instrumentation	3
	23EE6T02	Microprocessors and Microcontrollers	3
	23EE6T03	Power System Analysis	3
	23EE6T04	Switchgear and Protection	3
	23EE6T07	Electric Drives	3
	23OE6T04	Principles of Database Management Systems	3
	23EE6P01	Electrical Measurements and Instrumentation Lab	1.5
	23EE6P02	Microprocessors and Microcontrollers Lab	1.5
	23EE6P03	IoT Applications of Electrical Engineering Lab	2
	23HS6A02	Research Methodology	0
ME	23ME6T01	Heat Transfer	3
	23ME6T02	Artificial Intelligence and Machine Learning	3
	23ME6T03	Finite Element Methods	3
	23ME6T05	Advanced Manufacturing Processes	3
	23ME6T11	Refrigeration & Air-Conditioning	3
	23OE6T04	Principles of Database Management Systems	3
	23ME6P01	Heat Transfer Lab	1.5
	23ME6P02	Artificial Intelligence and Machine Learning Lab	1.5
	23ME6P03	Robotics and Drone Technologies Lab	2

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	23HS6A01	Technical Paper Writing & IPR	0
ECE	23EC6T01	VLSI Design	3
	23EC6T02	Microprocessors & Microcontrollers	3
	23EC6T03	Digital Signal Processing	3
	23EC6T08	12Weeks MOOC Swayam/ NPTEL course recommended by the BoS	3
	23EC6T11	Embedded Systems	3
	23OE6T04	Principles of Database Management Systems	3
	23EC6P01	VLSI Design Lab	1.5
	23EC6P02	Microprocessors & Microcontrollers Lab	1.5
	23EC6P03	Machine Learning Lab	2
	23HS6A03	Research methodology and IPR	0
CSE	23CS6T01	Compiler Design	3
	23CS6T02	Cloud Computing	3
	23IT6T01	Cryptography & Network Security	3
	23CS6T04	DevOps	3
	23CS6T07	Software Project Management	3
	23CS6T08	Natural Language Processing	
	23OE6T03	Water Supply Systems	3
	23CS6P01	Cloud Computing Lab	1.5
	23IT6P01	Cryptography & Network Security Lab	1.5
	23CS6P03	Soft Skills/ SWAYAM Plus – 21st Century Employability Skills	2
	23HS6A01	Technical Paper Writing & IPR	0
IT	23CS6T02	Cloud Computing	3
	23IT6T01	Cryptography & Network Security	3
	23AD6T02	Machine Learning	3
	23CS6T04	DevOps	3
	23IT6T04	Generative AI	
	23CS6T07	Software Project Management	3
	23OE6T03	Water Supply Systems	3
	23CS6P01	Cloud Computing Lab	1.5
	23AD6P02	Machine Learning Lab	1.5

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	23IT6P03	Soft skills / / SWAYAM Plus - 21st Century Employability Skills	2
	23HS6A01	Technical Paper Writing & IPR	0
AI&DS	23AD6T01	Big Data Analytics	3
	23AD6T02	Machine Learning	3
	23AD6T03	Data Visualization	3
	23AD6T05	NoSQL Databases	3
	23AD6T10	12-Week SWAYAM /NPTEL Course recommended by the BoS	3
	23OE6T05	Fundamentals of Electric Vehicles	3
	23AD6P01	Data Visualization and Machine Learning Lab	1.5
	23AD6P04	Big Data Analytics Lab	1.5
	23AD6P05	Soft skills	2
	23HS6A01	Technical Paper Writing & IPR	0
AI & ML	23AM6T01	Natural Language Processing	3
	23AM6T02	Deep Learning	3
	23AD6T03	Data Visualization	3
	23AM6T05	Any of the12-Week SWAYAM / NPTEL Course suggested by the BoS	3
	23CS6T07	Software Project Management	3
	23OE6T15	Microprocessors & Microcontrollers	3
	23AM6P01	Deep Learning Lab	1.5
	23AD6P03	Data Visualization Lab	1.5
	23AM6P02	Soft Skills	2
	23HS6A01	Technical Paper Writing & IPR	0
CSBS	23HS6T01	Marketing Research and Marketing Management	3
	23CB6T01	Data Analytics	3
	23AD6T02	Machine Learning	3
	23CB6T04	12-week MOOC Swayam/NPTEL course recommended by the BoS	3
	23CS6T07	Software Project Management	3
	23OE6T03	Water Supply Systems	3
	23CB6P01	Data Analytics Lab	1.5
	23CB6P02	Python for Machine Learning Lab	1.5

Branch	Subject Code	Subject Name	Credits
	23CB6P03	Soft Skills or IELTS	2
	23HS6A01	Technical Paper Writing & IPR	0

Branch	Subject Code	Subject Name	Credits
	23CB6P03	Soft Skills or IELTS	2
	23HS6A01	Technical Paper Writing & IPR	0