

VISHNU INSTITUTE OF TECHNOLOGY (AUTONOMOUS) :: BHIMAVARAM

M.Tech - I Sem. (R25) Subjects & Codes

BRANCH	REG	YEAR	SEM	SUB CODE	SUBJECT	Credits
EPE	R25	1	1	D2516000	Power System Operation & Control	4
	R25	1	1	D2516001	Smart Grid Technologies	4
	R25	1	1	D2516002	Reactive Power Compensation and Management	4
	R25	1	1	D25160A2	Electric Vehicles	3
	R25	1	1	D25160B1	Power Electronic Converters	3
	R25	1	1	D2516003	Power System Simulation Laboratory – I	2
	R25	1	1	D2516004	Power Systems Laboratory	2
	R25	1	1	D2510001	Seminar-I	1

AMS	R25	1	1	D2511700	CNC Technologies	4
	R25	1	1	D2511701	Advanced Manufacturing Processes	4
	R25	1	1	D2511702	AI & ML for Mechanical Engineering	4
	R25	1	1	D25117A0	Design for Manufacturing & Assembly	3
	R25	1	1	D25117B3	Additive Manufacturing	3
	R25	1	1	D2511703	Advanced CAD Lab	2
	R25	1	1	D2511704	Advanced Manufacturing Lab	2
	R25	1	1	D2510001	Seminar-I	1

DECS	R25	1	1	D2513800	Mathematical Foundation for Communication Engineering	4
	R25	1	1	D2513801	Digital System Design	4
	R25	1	1	D2513802	Wireless Communications & Networks	4
	R25	1	1	D25138A1	Optical Communication & Networks	3
	R25	1	1	D25138B2	System Design Using Verilog	3
	R25	1	1	D2513803	Digital System Design Laboratory	2
	R25	1	1	D2513804	Wireless Communications Laboratory	2
	R25	1	1	D2510001	Seminar-I	1

CSE	R25	1	1	D2515800	Data Structures and Algorithm Analysis	4
	R25	1	1	D2515801	Advanced Data Warehousing and Data Mining	4
	R25	1	1	D2515802	Mathematical Foundations of Computer Science	4
	R25	1	1	D25158A2	Advanced Computer Networks	3
	R25	1	1	D25158B0	Image Processing	3
	R25	1	1	D2515803	Data Structures and Algorithm Analysis lab	2
	R25	1	1	D2515804	Advanced Data Warehousing and Data Mining lab	2
	R25	1	1	D2510001	Seminar-I	1

CSE (AI&ML)	R25	1	1	D251AI00	Mathematics for Machine Learning	4
	R25	1	1	D251AI01	Artificial Intelligence	4
	R25	1	1	D251AI02	Advanced Data Structures and Algorithms	4
	R25	1	1	D251AIA0	Advanced Data Mining	3
	R25	1	1	D251AIB0	Augmented Reality and Virtual Reality	3
	R25	1	1	D251AI03	Artificial Intelligence Lab	2
	R25	1	1	D251AI04	Data Wrangling Lab	2
	R25	1	1	D2510001	Seminar-I	1