

VISHNU INSTITUTE OF TECHNOLOGY (AUTONOMOUS) - BHIMAVARAM

III B. TECH I SEM (R23) SUBJECTS & LABS

S.No	Branch	Subject Code	Subject Name	Credits
1	CIVIL	23CE5T01	Design and Drawing of Reinforced Concrete Structures	3
2	CIVIL	23CE5T02	Engineering Hydrology	3
3	CIVIL	23CE5T03	Geotechnical Engineering - I	3
4	CIVIL	23CE5T05	Architecture, Heritage and Town Planning	3
5	CIVIL	23OE5T10	Object Oriented Programming through Java	3
6	CIVIL	23CE5P01	Geotechnical Engineering Lab	1.5
7	CIVIL	23CE5P02	Fluid Mechanics & Hydraulic Machines Lab	1.5
8	CIVIL	23CE5P03	Estimation, Specifications & Contracts	2
9	CIVIL	23ME5P04	Tinkering Lab	1
10	CIVIL	23CE5I01	Community Service Internship	2

S.No	Branch	Subject Code	Subject Name	Credits
1	EEE	23EE5T01	Power Electronics	3
2	EEE	23EE5T02	Digital Circuits	3
3	EEE	23EE5T03	Power Systems-II	3
4	EEE	23EE5T06	Renewable and Distributed Energy Technologies	3
5	EEE	23OE5T10	Object Oriented Programming through Java	3
6	EEE	23EE5P01	Power Electronics Lab	1.5
7	EEE	23EE5P02	Analog and Digital Circuits Lab	1.5
8	EEE	23HS5P01	Soft skills	2
9	EEE	23ME5P04	Tinkering Lab	1
10	EEE	23EE5I01	Community Service Internship	2

S.No	Branch	Subject Code	Subject Name	Credits
1	ME	23ME5T01	Machine Tools and Metrology	3
2	ME	23ME5T02	Thermal Engineering	3
3	ME	23ME5T03	Theory of Machines	3
4	ME	23ME5T05	Conventional and Futuristic Vehicle Technology	3
5	ME	23OE5T10	Object Oriented Programming through Java	3
6	ME	23ME5P02	Thermal Engineering Lab	1.5
7	ME	23ME5P03	Theory of Machines Lab	1.5
8	ME	23ME5P01	Machine tools and Metrology Lab	2
9	ME	23ME5P04	Tinkering Lab	1
10	ME	23ME5I01	Community Service Internship	2

S.No	Branch	Subject Code	Subject Name	Credits
1	ECE	23EC5T01	Analog & Digital IC Applications	3
2	ECE	23EC5T02	Digital Communications	3
3	ECE	23EC5T03	Antennas and Wave Propagation	3
4	ECE	23EC5T07	Computer Organization and Architecture	3
5	ECE	23OE5T10	Object Oriented Programming through Java	3
6	ECE	23EC5P01	Analog & Digital IC Applications Lab	1.5
7	ECE	23EC5P02	Analog and digital communications Lab	1.5
8	ECE	23EC5P03	Applications of Lab view for Instrumentation & Communications	2
9	ECE	23EC5P04	Design of PCB &Antennas Lab	1
10	ECE	23EC5I01	Community Service Internship	2

S.No	Branch	Subject Code	Subject Name	Credits
1	CSE	23CS5T01	Data Warehousing and Data Mining	3
2	CSE	23CS5T02	Computer Networks	3
3	CSE	23CS5T03	Formal Languages and Automata Theory	3
4	CSE	23CS5T08	12 week MOOC Swayam/ NPTEL course recommended by the BoS	3
5	CSE	23OE5T09	Entrepreneurship Development & Venture Creation	3
6	CSE	23CS5P01	Data Mining Lab	1.5
7	CSE	23CS5P02	Computer Networks Lab	1.5
8	CSE	23CS5P03	Full Stack Development-2	2
9	CSE	23CS5P04	User Interface Design using Flutter	1
10	CSE	23CS5I01	Community Service Internship	2

S.No	Branch	Subject Code	Subject Name	Credits
1	IT	23IT5T01	Advanced Java	3
2	IT	23CS5T02	Computer Networks	3
3	IT	23IT5T02	Automata Theory & Compiler Design	3
4	IT	23IT5T04	12 week MOOC Swayam/ NPTEL course recommended by the BoS	3
5	IT	23OE5T01	Green Buildings	3
	IT	23OE5T09	Entrepreneurship Development & Venture Creation	
6	IT	23IT5P01	Advanced Java Lab	1.5
7	IT	23CS5P02	Computer Networks Lab	1.5
8	IT	23IT5P02	Advanced Web Technologies Lab	2
9	IT	23IT5P03	User Interface Design using Flutter	1
10	IT	23IT5I01	Community Service Internship	2

S.No	Branch	Subject Code	Subject Name	Credits
1	CSE (AI & DS)	23CS5T05	Artificial Intelligence	3
2	CSE (AI & DS)	23AM5T07	Computer Networks	3
3	CSE (AI & DS)	23AD5T01	Computer Organization and Architecture	3
4	CSE (AI & DS)	23AM5T06	Exploratory Data Analysis with Python	3
5	CSE (AI & DS)	23OE5T04	Sustainable Energy Technologies	3
6	CSE (AI & DS)	23CS5P05	Artificial Intelligence Lab	1.5
7	CSE (AI & DS)	23AM5P04	Computer Networks Lab	1.5
8	CSE (AI & DS)	23AD5P01	Full Stack Development-2	2
9	CSE (AI & DS)	23AD5P02	Tinkering Lab (User Interface Design using Flutter)	1
10	CSE (AI & DS)	23AD5I01	Community Service Internship	2

S.No	Branch	Subject Code	Subject Name	Credits
1	CSE (AI & ML)	23AM5T01	Information Retrieval Systems	3
2	CSE (AI & ML)	23AM5T07	Computer Networks	3
3	CSE (AI & ML)	23AM5T02	Operating Systems	3
4	CSE (AI & ML)	23AM5T06	Exploratory Data Analysis with Python	3
5	CSE (AI & ML)	23OE5T04	Sustainable Energy Technologies	3
6	CSE (AI & ML)	23AM5P01	Information Retrieval Lab	1.5
7	CSE (AI & ML)	23AM5P04	Computer Networks Lab	1.5
8	CSE (AI & ML)	23AM5P02	Full Stack Development-2	2
9	CSE (AI & ML)	23AM5P03	Tinkering Lab (User Interface Design using Flutter)	1
10	CSE (AI & ML)	23AM5I01	Community Service Internship	2

S.No	Branch	Subject Code	Subject Name	Credits
1	CS & BS	23CB5T01	Financial and Cost Accounting	3
2	CS & BS	23CS5T02	Computer Networks	3
3	CS & BS	23IT5T02	Automata Theory and Compiler Design	3
4	CS & BS	23CB5T02	Cryptography & Network Security	3
5	CS & BS	23OE5T01	Green Buildings	3
	CS & BS	23OE5T09	Entrepreneurship Development & Venture Creation	
6	CS & BS	23HS5P02	Business Communication and Value Science Lab-II	1.5
7	CS & BS	23CS5P02	Computer Networks Lab	1.5
8	CS & BS	23CB5P01	Advanced Web Technologies Lab	2
9	CS & BS	23CB5P02	UI Design-Flutter	1
10	CS & BS	23CB5I01	Community Service Internship	2