



ALVA'S
Education Foundation

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri, D.K - 574 225

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Subject Preferential List

Department: Information Science & Engineering			Academic Year: 2022-23			Odd Semester		
Subject Details								
Semester : III			Semester : V			Semester : VII		
Course Code	Course Name	Course Code	Course Name	Course Code	Course Name	Course Code	Course Name	Open Elective
Theory + IPCC								
21CS32 (IPCC)	Data Structures and Applications <i>PN</i>	18CS52	Computer Networks and Security <i>PN</i>	18CS71	Artificial Intelligence and Machine Learning <i>NOB</i>	18CS752		Python Application Programming
21CS33 (IPCC)	Analog and Digital Electronics <i>SLP</i>	18CS53	Database Management Systems <i>JAN</i>	18CS72	Big Data Analytics <i>JAN</i>			
21CS34 (PCC)	Computer Organization and Architecture	18CS54	Automata Theory and Computability <i>SS</i>	18CS731	Software Architecture and Design Patterns <i>PN</i>			
21CS382 (AEC)	C++ Programming <i>LPK</i>	18CS55	Application Development using Python <i>NOB</i>	18CS745	Robotic Process Automation Design & Development <i>SLP</i>			
		18CS56	Unix Programming <i>NOB</i>					
Laboratory / Internship / Project / Seminar								
21CSL35 (PCC)	Object Oriented Programming with JAVA Laboratory <i>NOB</i>	18CSL57	Computer Network Laboratory <i>PN</i>	18CSL76	Artificial Intelligence and Machine Learning Laboratory <i>NOB</i>			
21CSL381 (AEC)	Mastering Office	18CSL58	DBMS Laboratory with Mini Project	18CSP77	Project Work Phase - 1 <i>JAN</i>			