

[REDACTED]										
Sl No	Department	Track	Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8
1	AIML / AI & DS / CSE / CSD/ CSBS / ISE	UI/UX DESIGN	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	ADOBE XD(UI) (Ethnotech)	FIGMA(ETHNOTECH)	Advanced UI in XD,FIGMA((Google UI/UX Design Professional Certificate)	Mobile UI (Flutter) (IBM)	Motion Design (After Effects / Lottie)(IBM) (SKILL INDIA)	
2		WEB DEVELOPMENT (ITS)	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	Bootstrap / Tailwind CSS(ETHNOTECH)	React.js ICTRD	Node.js (IBM)	MongoDB(IBM)	MERN Stack (INTEGRATION)/DevOps Basics/CLOUD (SKILL INDIA)	
3		SOFTWARE DEVELOPMENT using Python	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	ADV PYTHON (SKILL INDIA)	HTML/CSS/JS(ITS)	PYTHON(FLASK) (SKILL INDIA)	MongoDB (IBM)	TESTING MANUAL/AUTOMATED (FST BY IBM)	
4		SOFTWARE DEVELOPMENT using Java	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	ADV JAVA with OOPS (SKILL INDIA)	HTML/CSS/JS - NODE JS (IBM)	JAVA(Spring/Spring Boot) (SKILL INDIA)	MongoDB (IBM)	TESTING MANUAL/AUTOMATED (FST BY IBM)	
5		SOFTWARE DEVELOPMENT using C#	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	ADV C# with OOPS (SKILL INDIA)	HTML/CSS/JS(ITS)	C# (.NET)	MongoDB (IBM)	TESTING MANUAL/AUTOMATED (FST BY IBM)	
6		NETWORKING	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	Networking (ITS)	CCNA1 (CISCO)	CCNA2 (CISCO)	CCNA3 (CISCO)	MCSE(Microsoft Certified Solutions Expert.)	
7		AI ENGINEERING	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	DATA ANALYTICS ITS	ML USING PYTHON(IBM)	DL USING TENSORFLOW (IBM)	AI Application Development ITS	MLOps Fundamentals /Database for AI(MICROSOFT)	
		CLOUD	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	CLOUD COMPUTNG /GIT VERSION (ITS)	AWS Fundamentals/AZURE ITS/AWS	CONTAINERS/DOCKERS/CI/CD (IBM DevOps / Cloud Pak Certifications)	Cloud Databases(AWS)	Deploying Full-Stack Applications on Cloud (Ethnotech)	
		DEVOPS	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	Networking Foundations (ITS)	LINUX PROGRAMING (ETHNOTECH)	CI/CD Foundations /Docker	Cloud Platforms for DevOps(AWS DEVOPS)	DevSecOps/Deployment Project (ETHNOTECH)	
8		CYBER SECURITY	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	Linux for Security(BASIC)(shell scripting, user management, permissions)	Network Security Labs (ITS)	Cloud Security (AWS OR MICROSOFT)	IoT & Hardware Security (Cisco IoT Fundamentals)	Blockchain & Web3 Security (IBM Blockchain Foundation)	
	ECE/EEE	TechVerse	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	SQL & Relational Database(IBM)	ML Using Python(IBM)	DL Using Tensorflow (IBM)	Java Programming(IBM)	System Verilog/Asic Design(VLSI)	Simulink Fundamentals (Mathworks)
8		InnoTech	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	Java Programming (ITS)	IoT using Python (Intel Unathi)	Embedded ARM(with Board) - Ethnotech	VLSI - Ethnotech	Matlab - (Math Works OEM Certification)	Cloud Computing - ITS
9		TechFusion	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	Java Programming (ITS)	IoT using Python (Intel Unathi)	Network Security (ITS)	Data Analytics -(ITS)	Artificial Intelligence - ITS	Machine Learning Using Python (IBM)
10	Aeronautical / Automobile / Marine / Mechanical	Tech Design	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	Autocad (Autodesk)	Autodesk Inventor (Autodesk)	Autodesk Fusion (Autodesk)	Artificial Intelligence (ITS)	CATIA(Ethnotech)	SOLID WORKS (Ethnotech)
11	Aeronautical / Automobile / Marine / Mechanical	Tech Design 2	C programming with Data Structure (Ethnotech)	Ad.Python Programming (Ethnotech)	Autocad (Autodesk)	Autodesk Inventor (Autodesk)	Autodesk Fusion (Autodesk)	Artificial Intelligence (ITS)	CFD using Ansys Fluid - Ethnotech	Simulation & Control of Dynamic System using Simulink(Ethnotech)