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“ CELEBRATING DREAMS ”

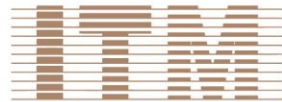
B.Tech. CS

List of Specialization -Computer Science

Subject Code	Subject Name	Semester
CSE0309	Web Technologies	III
CSP0304	Python Programming	IV
CSE0410	Introduction to AI	V
CSE0521	Data Science & Analytics	V
CSE0629	Full Stack Development	VI
CSE0611	Compiler Design	VI
CSE0729	Dev Ops	VII
CSE0710	Software Testing	VII
CSE0717	Quantum Computing Basics	VII

List of Specialization -Cyber Security

Subject Code	Subject Name	Semester
CSE0309	Web Technologies	III
CSP0304	Python Programming	IV
CSE0411	AI for Cyber Security	V
CSE0530	Ethical Hacking fundamentals	V
CSE0629	Network Security	VI
CSE0630	Application Security	VI
CSE0730	Digital Forensics	VII
CSE0729	Advanced Threat Intelligence	VII
CSE0731	Generative AI	VII



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List of Specialization -Data Science

Subject Code	Subject Name	Semester
CSE0310	Data Visualization & preprocessing	III
CSE0412	Introduction to Machine Learning	IV
CSE0525	Statistical Modelling & Inference	V
CSE0526	Deep Learning	V
CSE0630	Natural Language Processing	VI
CSE0631	Predictive Analytics & Forecasting	VI
CSE0730	Business Analytics	VII
CSE0732	Data Governance	VII
CSE0733	Advanced Big Data Analytics	VII

List of Specialization -Artificial Intelligence & Machine Learning

Subject Code	Subject Name	Semester
CSE0310	Introduction to Machine Learning	III
CSE0413	Deep Learning	IV
CSE0527	Computer Vision	V
CSE0528	Natural language Processing	V
CSE0632	Parallel & Distributed Computing	VI
CSE0633	Advanced Deep Learning Architectures	VI
CSE0731	Generative AI	VII
CSE0734	Reinforcement learning for Advanced Systems	VII
CSE0735	AI ethics & Fairness	VII