

Courses offered by IMAGINXP at Gateway

B.Tech. CSE with AI & ML

Sem.	Subjects for Artificial Intelligence & Machine Learning
1	Fundamentals of Python Programming
	Data visualization and storytelling using Power BI and Python Lab
2	Data Analysis using Python
	Probabilistic Modelling and Reasoning with Python
3	Machine Learning and Pattern Recognition
	AI Product Development and Deployment
4	Modern Machine Learning - From Ensemble to Insight
	Deep Learning and Neural Networks with TensorFlow
5	Natural Language Processing & Generative AI
	Computer Vision: Detection, Segmentation and Optimization
6	AI-Powered Vision: Generative Models 3D & Beyond
	Advanced Generative AI, Prompt Engineering and Agentic AI Systems
7	Transfer Learning
	Big Data Analysis with Scala and Spark
8	Internship

B.Tech. AI & ML with FSD

Sem.	Subjects for Full Stack Development
1	Design thinking for programmers (Th)
	Introduction to Figma (Th+Pr)
2	Fundamentals of programming (Th + Pr)
	Data Structure and Algorithms (Th + Pr)
3	Foundations of frontend development (Th+Pr)
	Database design using MYSQL (Th+Pr)
4	Foundation of Backend development (Th+Pr)
	Advanced Backend Development
5	Mobile app development with Flutter (Th+Pr)
	Foundations of Gen AI in coding (Th)
6	Production environment and code hygiene (Th)
	Software design principles (Th)
7	The business of software engineering
	Capstone project in FSD
8	Internship

B.Tech. CST with AI & DS

Sem.	Subjects for Artificial Intelligence & Data Science
1	Fundamentals of Python Programming
	Data visualization and storytelling using Power BI and Python Lab
2	Introduction to Data Science
	Probabilistic Modelling and Data Reasoning with Python Lab
3	Machine Learning and Pattern Recognition
	R Programming for Data Science and Data Analytics Lab
4	AI Product Development and Deployment
	Multivariate Data Analysis
5	Deep Learning and Neural Networks with TensorFlow
	Big Data Analysis with Scala and Spark
6	Natural Language Processing & Generative AI
	Statistical Simulation
7	Computer Vision: Detection, Segmentation, and Optimization
	Non-Parametric Statistical Inference
8	Internship

MBA in Business Analytics

Sem.	Subjects for Business Analytics
1	Introduction to Business Analytics
	Introduction to Python for Business Analytics
2	Machine Learning using R
	Fundamentals of Database Management
3	Multivariate Data Analysis
	Predictive Analysis using SPSS
4	Industry Project/Internship

MCA with AI & ML

Sem.	Subjects for Artificial Intelligence & Machine Learning
1	Programming with Python for Data Science
	Python for Data Science Lab
	AI Fundamentals & Lab
2	Applied Data Structures & Algorithms in ML & Lab
	Machine Learning with Real-World Projects & Lab
3	Deep Learning with TensorFlow & PyTorch
	Deep Learning Lab
	Applied Natural Language Processing & Lab
4	Internship
	Programming with Python for Data Science

Courses offered by IMAGINXP at Gateway

BBA with Digital Marketing	
Sem.	Subjects for Digital Marketing
1	Fundamentals of Digital Marketing
	Digital Marketing strategy development
2	Web Design
	Search Engine Optimization
3	Web Analytics
	Social Media Marketing
4	Search Engine Marketing
	Affiliate Marketing, and Mobile Marketing
5	Email Marketing & Lead Generation
	Cyber Law
6	Internship

BCA with AI & ML	
Sem.	Subjects for Artificial Intelligence & Machine Learning
1	Fundamentals of Computer Programming & Lab
	Office Automation Fundamentals of statistics and probability
2	Introduction to AI & Lab
	Design Thinking and Innovation
3	Data visualization and story telling using excel/Power BI and Python & Lab
	Machine Learning with Python & Lab
4	Natural Language Processing & Lab
	Exploratory data analysis
5	Algorithms for Intelligent Systems and Robotics & Lab
	Ethics in AI ML
6	Internship

