BTECH - DATA SCIENCE, ECONOMICS AND BUSINESS
Course Plan 2022 - 26

SEM 1	Freshmore Course Title
	Computational Thinking
	Engineering Math in Action
	Coding Café
	Engines of Life
	The Art of Thinking, Reasoning, and Communication
	Innovation Lab & Grand Challenge: Design and Innovation

SEM 2	Freshmore Course Title
	Programming and Data Structures
	Foundations of Physical World
	Mathematics of Uncertainity
	Nature's Machines
	Fundamentals of Microeconomics
	Reimagining Technology and Society
	Communication Lab - II
	Innovation Lab & Grand Challenge - II
	Yoga/Sports

SEM 3	Freshmore Course Title
	Electronic System Engineering
	Intelligent Machines
	Computational Methods and Optimization
	Entangled World : Technology and Anthropocene
	Introduction to Data Science
	Communication Lab - III
	UHV-II
	Innovation Lab & Grand Challenge - III
	The Philosophy and Foundations of Computing and AI

SEM 4	Course Title
	Introduction to Data Mining
	Machine Learning and Pattern Recognition
	Design and Analysis of Algorithms
	Macroeconomics
	Communication Lab-IV
	Innovation Lab & Grand Challenge-IV
	Elective Courses
	Behavioral Economics

	Indian Economy and Financial Systems

SEM 5	Course Title
	Econometrics
	Finance
	Advanced Statistics
	Deep Learning
	Innovation Lab & Grand Challenge Studio - V
	UHV - II
	Elective Courses
	Personnel Economics
	Environmental Economics

SEM 6	Course Title
	Advanced Microeconomics
	Time Series Analysis
	Market, Competition and Public Policy
	Game Theory
	Innovation Lab & Grand Challenge Studio - VI
	Elective Courses
	Behavioral Economics
	Indian Economy and Financial Systems

SEM 7	Course Title
	Elective Courses
	Environmental Economics
	Financial Econometrics
	Human-Tech Interaction
	Microeconomics of Development
	Health Economics

SEM 8	Course Title
	Internship/Project/Research
	Elective Courses