Program Structure for M Tech Data Science (Business Analytics) Programme (Batch 2026-28)					
Year of the Programme: First Year (Academic Year 2026-27)					
Semester – I			**Semester - II**		
S. No.	**Course**	**Credits**	**S. No.**	**Course**	**Credits**
1	Applied Mathematics for Data Science	3	1	Advanced Artificial Intelligence & Deep Learning	3
2	Programming for Analytics	3	2	Generative AI with Large Language Models	3
3	Applied Machine Learning	3	3	Natural Language Processing	2
4	Data Engineering	3	4	Career Development and Professional Skills	1
5	Professional Elective - I	3	5	Lab - 3: Building Generative AI based Applications	2
6	Professional Skills	1	6	Lab - 4: Large Language Models Lab	2
7	Lab - 1: Applied Machine Learning Lab	2	7	Technical Seminar - I	2
8	Lab - 2: Data Science Lab	2	8	Professional Elective - II	3
			9	Professional Elective - III	3
	Professional Elective - I : (Choose any one) *1. Generative Adversarial Networks* *2. Finance Analytics*			***Professional Elective - II : (Choose any one)*** *1. Ethics in Data Science* *2. Computer Vision*	
				Professional Elective - III : (Choose any one) *1. Application Architecture & Deployment* *2. Security of Data Science*	
	Total	**20**		**Total**	**21**
Year of the Programme: Second Year (Academic Year 2027-28)					
Semester - III			**Semester - IV**		
S. No.	**Course**	**Credits**	**S. No.**	**Course**	**Credits**
1	Capstone Project	12	1	Industrial Internship with Project	16
2	Technical Seminar - II	2			
3	Machine Learning Operations	3			
	Total	**17**		**Total**	**16**
	Total Credits for the Programme	**74**			
	Total No. of Subjects	**21**			