

Program Schedule (Tentative)

Day	Time	Module*/Activity	Instructor/TA
1. 24.06.2024	9:00 – 10:00 am	Introduction to the Course	Prof. Manish/Bakul
	10:00 – 11:00 am	Linear regression, Logistic regression	Prof. Bakul Gohel
	11:00 – 11:15 am	Break	
	11:15 am – 12:15 pm	Data preprocessing	Prof. Bakul Gohel
	12:15 am – 1:15 pm	Gradient Descent	Prof. Bakul Gohel
	1:15 pm – 2:00 pm	Lunch Break	
	2:00 pm - 4:00 pm	Basic of Machine Learning (Part-I)	Prof. Manish Khare
	4:00 pm – 4:15 pm	Tea/Coffee Break	
	4:15 pm – 6:15 pm	Basic of Machine Learning (Part-II)	Prof. Manish Khare
2. 25.06.2024	9:00 – 10:00 am	Introduction to Python	Prof. Manish Khare
	10:00 – 11:00 am	OOPS Concept in Python	Prof. Manish Khare
	11:00 – 11:15 am	Break	
	11:15 am – 12:15 pm	Clustering (Part-I)	Prof. Bakul Gohel
	12:15 am – 1:15 pm	Clustering (Part-II)	Prof. Bakul Gohel
	1:15 pm – 2:00 pm	Lunch Break	
	2:00 pm - 4:00 pm	Polynomial Regression	Prof. Bakul Gohel
	4:00 pm – 4:15 pm	Tea/Coffee Break	
	4:15 pm – 6:15 pm	Decision tree	Prof. Manish Khare
3. 26.06.2024	9:00 – 10:00 am	SVM, Regularization (Part-I)	Prof. Bakul Gohel
	10:00 – 11:00 am	SVM, Regularization (Part-II)	Prof. Bakul Gohel
	11:00 – 11:15 am	Break	
	11:15 am – 12:15 pm	Performance Analysis (Part-I)	Prof. Manish Khare
	12:15 am – 1:15 pm	Performance Analysis (Part-II)	Prof. Manish Khare
	1:15 pm – 2:00 pm	Lunch Break	
	2:00 pm - 4:00 pm	Ensemble Learning	Prof. Manish Khare
	4:00 pm – 4:15 pm	Tea/Coffee Break	
	4:15 pm – 6:15 pm	Naïve Bayes Classifier	Prof. Bakul Gohel
4. 27.06.2024	9:00 – 10:00 am	Deep Learning: Conceptual and Practical Guide (Part-1)	Prof. Bakul Gohel
	10:00 – 11:00 am	Deep Learning: Conceptual and Practical Guide (Part-II)	Prof. Bakul Gohel
	11:00 – 11:15 am	Break	

	11:15 am – 12:15 pm	Deep Learning: Conceptual and Practical Guide (Part-III)	Prof. Bakul Gohel
	12:15 am – 1:15 pm	Deep Learning: Conceptual and Practical Guide (Part-IV)	Prof. Bakul Gohel
	1:15 pm – 2:00 pm	Lunch Break	
	2:00 pm - 4:00 pm	Deep Learning: Conceptual and Practical Guide (Part-V)	Prof. Manish Khare
	4:00 pm – 4:15 pm	Tea/Coffee Break	
	4:15 pm – 6:15 pm	Deep Learning: Conceptual and Practical Guide (Part-VI)	Prof. Manish Khare
5. 28.06.2024	9:00 – 10:00 am	Statistical Data Analysis (Part I)	Prof. Rachit Chaaya
	10:00 – 11:00 am	Statistical Data Analysis (Part II)	Prof. Rachit Chaaya
	11:00 – 11:15 am	Break	
	11:15 am – 12:15 pm	Case Studies - I	Prof. Manish Khare
	12:15 am – 1:15 pm	Case Studies - II	Prof. Bakul Gohel
	1:15 pm – 2:00 pm	Lunch Break	
	2:00 pm - 4:00 pm	Case Studies – III &IV	Prof. Yash Agrawal Prof. Arpit rana
	4:00 pm – 4:15 pm	Tea/Coffee Break	
	4:15 pm – 6:15 pm	Ideathon and Project Discussion	Prof. Manish Khare/Prof. Bakul Gohel