



LBS College of Engineering, Kasaragod

ATAL FDP

ON

**Machine Learning Engineering for
Production**

JANUARY 8-13, 2024

Organized by

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SCHEDULE

DAY	DATE	DAY	9:30 AM– 12 PM	12 PM– 1 PM	2 PM– 4:30 PM	4:30 PM– 5:30 PM
DAY 1	8.01.2024	Monday	Session 1: Introduction to MLOps, Essential data science and math for MLOps	Article discussion	Session 2: Python Essentials for MLOps	Lab Session
DAY 2	9.01.2024	Tuesday	Session 3 Applied Python for MLOps	Article discussion	Session 4 Research Methodology	Lab Session
DAY 3	10.01.2024	Wednesday	Session 5: Overview of DevOps and DataOps	Article discussion	Session 6 Deployment fundamentals - containers	Lab Session
DAY 4	11.01.2024	Thursday	Session 7: Container orchestration basics – Kubernetes	Article discussion	Industrial Visit	Lab Session
DAY 5	12.01.2024	Friday	Session 8 MLFlow and KubeFlow	Article discussion	Session 9 MLFlow and MLOps in Cloud	Lab Session
DAY 6	13.01.2024	Saturday	Session 10 SE principles and security for MLOps	Reflection Journal	MCQ, Feedback & Interactions	Lab Session