ABOUT US

The Department of Computer Science, University of Kerala, is a distinguished academic unit dedicated to excellence in teaching, research and innovation in computing and information technology. Established in 1985, the department has grown into a vibrant centre of academic and scholarly activities, offering a broad spectrum of programmes that blend strong theoretical foundations with real-world applications. We are offering the following programmes:

- **B.Sc Hons. Computer Science with Research**
- **M.Sc Computer Science**
- **M.Sc Artificial Intelligence**
- **M.Sc Machine Learning**
- **M.Tech Digital Image Computing**
- **Ph.D**

The curriculum integrates a solid theoretical base with hands-on applications in Artificial Intelligence, Data Science, and Software Engineering, while remaining closely aligned with current industry and research trends.

SCAN TO REGISTER

bit.ly/dcsmlops

REGISTRATION FEE:
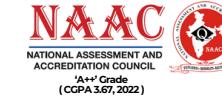
Students (PG/UG) : ₹350
Faculty/Research Scholar/Industry: ₹500

TIMING : 7:00 PM to 9:00 PM

MODE: Online

*E-certificates will be provided to active participants

For more information : +91 7558806114, +91 9400279177 | hod.cs@keralauniversity.ac.in

NAAC
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
'A++' Grade
(CGPA 3.67, 2022)

nirf
9th Rank
(State Public Universities, 2024)

Mastering MLOps :
A Complete Lifecycle Approach

5 - day Online Training Program

16 - 20 FEBRUARY 2026

OVERVIEW

The rapid adoption of Artificial Intelligence across industries has increased the demand for scalable, reliable, and continuously improving Machine learning (ML) systems. Traditional ML practices often struggle to support real-world deployment. MLOps (Machine Learning Operations) addresses these issues by integrating principles from Software Engineering, DevOps, Data Engineering, and model governance to bridge the gap between experimentation and production. Mastering MLOps: A Complete Lifecycle Approach provides comprehensive training across the entire ML lifecycle, from data ingestion and validation to model deployment, monitoring, and continuous improvement, with emphasis on automation, scalability, and reproducibility.

OBJECTIVES

01 Develop a comprehensive understanding of the MLOps Lifecycle

02 Equip participants with hands - on skills using industry - standard MLOps tools

03 Enable the design and implementation of end-to-end automated ML pipelines

SESSIONS

Day 01 ML Foundations: A Practitioner's Gateway to MLOps

Introduction to Machine Learning, Why Traditional ML Breaks in Production

Day 02 Introduction to MLOps & ML Lifecycle

Foundations of MLOps, Data Pipelines, Hands on Demo: DVC & MLflow

Day 03 CI/CD for ML, Docker & Pipeline Automation

Automate model training and testing, Hands-On Demo: Model Packaging & CI Pipeline

Day 04 Model Deployment & Monitoring

Deployment Strategies, Hands on Demo: Deploying & Monitoring a Model

Day 05 MLOps in Action – MLOps for Industry

End-to-End Production ML Pipelines, Deployment, Monitoring and Reliability in Practice

---

Resource Persons:

Dr. Achuthsankar S. Nair
(Senior Professor (Rtd.))

Dr. Mahalingam PR
(Centre Head, InApp)

Dr. Sajil C K
(Knowledge Officer, ICTAK)

Mr. Jishnu Unni C
(Knowledge Officer, ICTAK)

Ms. Deepasree Varma
(Knowledge Officer, ICTAK)

Organizing Committee:

Dr. Aji S
(Head of Department)

Dr. Vinod Chandra S S
(Organizing Secretary)

Dr. Aswathy A L
(Convenor)

Coordinators:

Dr. D. Muhammad Noorul Mubarak,
Dr. Philomina Simon, Dr. Misaj Sharafudeen,
Dr. Vidhya M, Ms. Hazeena A J,
Ms. Rhythu N Raj, Ms. Shyja Rafeek S,
Ms. Krishna S S, Ms. Neethu M S,
Ms. Mini R, Ms. Sreelekshmi S,
Ms. Meenu M, Ms. Reshma S Chandran,
Full Time Research Scholars of The Department