



UNIVERSITY OF KERALA

Thiruvananthapuram, Kerala, India – 695034

(Established as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act of 1974 passed by the Kerala State Legislative Assembly)
(Re-accredited by NAAC with A++ Grade)

74458/PLANNING D/2025/UOK(PART-I)

20.12.2025

Expression of Interest (EoI)

Sub:- Expression of interest to provide training in Artificial intelligence for FDP program conducted by University of Kerala funded by PM-USHA– reg.

Expression of interest is invited from Government of India supported or Government of Kerala partnered social enterprises/ nonprofit originations to provide hand on training for following topics in artificial intelligence for FDP program under PM USHA conducted by University of Kerala from 6/01/2026 to 12/01/2026.

Theory and Hand on training should be imparted to 35 Science faculty members in 36 hours spanning six days comprising of 24 sessions of 1.5 hours each, during the month of January 2026.

Scope of the work

To Provide theory classes and practical hand on training in structured organized manner to SCIENCE faculty members FROM HIGHER EDUCATION INSTITUTION from INDIA upon the following topics

Topics:

- Building curriculum using AI tools
- Overview of AI in higher education
- Exploring AI curriculum frameworks, Tools: ChatGpt/Gemini/Copilot
- Python foundations of AI
- Basics of python: data types, file I/O
- Functions, modules, OOP concepts
- Content creation with AI – AI assisted lesson and multimedia creation
- Using AI to generate quizzes and simulations for science topics
- Data handling and visualization in python
- Pandas for data cleaning and structuring
- Visualization with Matplotlib and Seaborn
- Automating assessments and grading
- Gen AI tools for automated question generation and evaluation



- Designing rubrics and grading scripts with GenAI tools
- Introduction to Machine learning
- Scikit-learn basics and ML pipelines
- Hands-on: predict scientific outcomes
- Enhancing student engagement with AI
- AI in gamification and simulation-based learning
- Deep Learning Frameworks
- Tensor flow and Keras basics
- Feedback and learning analytics using AI
- Dashboards and analytics with power BI/Google Data Studio
- PyTorch and Applied AI
- AI for Research and Publication support
- AI tools for literature review and citation management
- Paper drafting with GenAI Tools

Venue: UGC MMTC Academic staff college University of Kerala Kariavattom

Campus

Date: 6/01/2026 to 12/01/2026 (Six working Days)

Time: 10:30 AM to 05:30 PM

Duration: 36 Hours

Number of Persons: 35

Sessions: 24 sessions (1.5 Hours x 4 sessions per day x 6 days = Total 36 Hours)

Instructions

1. Interested firms must submit their EoI with sealed quotations addressed to: The Registrar, University of Kerala, Kariavattom Campus, Thiruvananthapuram – 695 034
2. Quotations must be submitted to Dr. Sony George, Department of Chemistry, University of Kerala, Kariavattom Campus, Thiruvananthapuram 695 581 on or before 26 December 2025 by 11 am. Quotations will be opened at 3 pm on the same day.
3. The University reserves the right to accept or reject any or all EoIs without assigning reason(s).
4. Only firms with proven experience rendering similar training program for Professionals, Scientists and Academics in Universities / Scientific Establishment will be considered. (Proof of the same should be provided)
5. GST Registration Certificate, PAN, and other relevant documents must be attached.

For further queries contact, Dr. Sony George : 9947605994, 9446462933,

Email: emailtosony@gmail.com

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Registrar(i/c)

