

ABOUT THE INSTITUTION

NITC has fifteen departments and seventeen multidisciplinary research centres. It offers ten undergraduate and twenty five postgraduate programmes apart from Ph. D. The institute has good infrastructure in computing, information technology, laboratories and central library including digital library. All departments have separate computing facility in addition to the central facility

PREAMBLE

In the era of Generative AI (GenAI), software development with Java is undergoing significant transformation, especially with the integration of Large Language Models (LLMs). This workshop focuses on how LLMs can assist Java developers in software development process. By leveraging AI-powered tools, such as GitHub Copilot, and exploring the practical applications of LLMs in Java, participants will enhance their productivity and coding efficiency. Alongside these technical advancements, the workshop will address the ethical implications of AI integration, preparing participants to navigate both the opportunities and challenges of software development in the GenAI age.

IMPORTANT DATES

Last date for receipt of applications:
4th October 2024

Intimation of selection:
On or before 5th October 2024

ADDRESS FOR CORRESPONDENCE

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CENTRE OF INFORMATION TECHNOLOGY
RESEARCH & AUTOMATION
NATIONAL INSTITUTE OF TECHNOLOGY CALICUT



ASER (AUTOMATED SOFTWARE ENGINEERING RESEARCH GROUP)

PRESENTS

NATIONAL LEVEL WORKSHOP ON

SAGE: Software Advancement in the Gen-AI Era

7th- 9th OCTOBER 2024

ORGANISED JOINTLY BY

**DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING**

&

**CENTRE FOR INFORMATION TECHNOLOGY
RESEARCH & AUTOMATION (CITRA)**

**NATIONAL INSTITUTE OF TECHNOLOGY
CALICUT
NIT Campus P.O. Calicut, 673601,
Kerala, India**

CO-ORDINATORS

**Anu Mary Chacko, CSED
Joe Cheri Ross, CSED**

TOPICS DISCUSSED

GenAI and change in Software Development jobs

Introduction to LLM and use of LLM in software development.

Latest trends in Java programming and Software Development.

Explainability and LLM

RESOURCE PERSONS

- **Mr. Manoj Palat** (IBM)
- **Mr. Soloman Vellapacakal** (Societe Generale Global Solution Centre)
- **Mr. Abijith K P** (Linkedin)
- **Academicians from CSED, NITC**

ELIGIBILITY

The course is open to teachers from AICTE approved Institutions offering Degree/Diploma courses in ECE/CSE/EEE disciplines.

REGISTRATION FEE

There is no registration fee. This is a physical event and candidates are expected to come to NITC. There will be no campus accommodation provided. However working lunch and tea sessions will be covered.

Apply Now

Enter the details in this google form
<https://tinyurl.com/54w2wmh2>

About ASER

The Automated Software Engineering Research Group (ASER) is a group of researchers in the Department of Computer Science and Engineering, aiming to lead the transformation of software development and maintenance processes by utilizing state-of-the-art advancements in AI.

About CITRA

CITRA is a multidisciplinary research centre established at NIT Calicut in March 2022, with a focus on training, research, and consultancy in the area of Information Technology. The objectives of CITRA include organizing in-house programs for NITC faculty, staff, and students on IT-related services, as well as offering corporate training programs, certificate courses, and consultancy in the areas of cyber security, artificial intelligence, and related fields.