



Jaypee Institute of Information Technology

Noida, India

(Declared Deemed to be University u/s Sec3 of UGC Act 1956)

2-week Summer School on Emerging Trends in Software

Development: Tools and Techniques

01st -13th July, 2024

Organized by

**Department of Computer Science & Engineering and
Information Technology**

ABOUT JIIT

Jaypee Institute of Information Technology (JIIT), Noida was established in the year 2001 and has been declared as a “Deemed to be University” under Section 3 of UGC Act 1956. The undergraduate programs of the university have been accredited by the National Board of Accreditation of AICTE. JIIT’s state-of-the-art, environmentally conditioned campus comprises smart buildings with Wi-Fi connectivity covering the Academic Block, Business School cum Research Block, Faculty Residences, Student Hostels and Annapurna. Well-equipped modern laboratories and an intellectually stocked Learning Resource Centre with more than 63000 books and 3.5 lacs e-Resources and resources provide a pleasant and stimulating ambience.

AIM OF THE EVENT

Software development is constantly evolving, thanks to a variety of changes and improvements in the software development lifecycle (SDLC), such as: the constantly changing technological landscape, new consumer and business demands and market trends. In the dynamic landscape of software development, several emerging trends are reshaping the industry. Firstly, low-code and no-code platforms are gaining prominence, enabling faster application development with minimal coding skills. Cloud-native development is leveraging the scalability and flexibility of cloud infrastructure. DevOps practices continue to evolve, emphasizing collaboration and automation throughout the software development lifecycle. Microservices architecture is increasingly adopted for enhanced scalability and maintainability. AI and ML are integrated into software to improve functionality and user experience. With the exponential growth of data, organizations are leveraging data science and big data analytics to derive valuable insights and make data-driven decisions. These recent trends have changed a lot of things in the IT sector and also it has transformed how software is developed, deployed, and maintained. The goal of the summer school is to impart insight into various tools and trends to be used in industry in the coming years.

KEY HIGHLIGHTS

- Low-Code/No-Code Development
- DevOps and Agile Practices
- Containerization and Micro services
- Progressive Web Apps
- Data Science and Big Data Analytics
- Serverless Computing
- Security and Privacy
- Continuous Testing and Test Automation
- Artificial Intelligence and Machine Learning
- Ethical and Responsible AI

TARGET PARTICIPANTS

Faculty /Industrial Professionals/ Research scholars

APPLY NOW

Interested candidates can register online using the link mentioned below:

<https://forms.gle/vmKKfruCe6ooPXFP6>

Registration fee: INR 500

IMPORTANT DATES

Last date of online registration: June 10, 2024

List of selected participants to be notified: June 25, 2022

PARTICIPATION CERTIFICATE

E-certificates shall be issued to those participants who have attended the program with minimum 80% attendance and scoring 60% marks in the quiz.

EVENT CO-ORDINATORS:

Dr. Bhawna Saxena, Dr. Anubhuti Roda Mohindra, Dr. Amarjeet Prajapati and Prof.

(Dr.) Charu Gandhi (Department of CSE&IT, JIIT, Noida)

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