Four Week Offline Student Summer Internship Programme (SSIP)

On

Industry-Oriented Java Programming & Application Development

2nd June 2025 to 28th June 2025

Registration Details:

- Eligible Participants B.Tech II Year
- Rs. 1500 per each participant for 4 week internship
- Registration fee including certificate of participants
- Last date for Applications: 31th May 2025.
- https://forms.gle/zZZUXkqgyiwxoaq27

Merchant Name : KAKATIYA INSTITUTE OF TEC
UPI ID : 9030373800@sbi

VENUE: R & D LAB (B7-308 & 309)

Objective of the Training:

The primary objective of this training program is to bridge the gap between academic knowledge and industry expectations by equipping students with hands-on experience in Java Programming. Through this course, students will:

1. Understand and apply **multiple programming paradigms** including Procedural, Object-Oriented, Modular, and Generic programming.
2. Learn the **foundations of Java**, including data types, control structures, operators, and classes. Gain practical experience in working with **objects, methods, constructors, overloading**, and recursion.
3. Explore advanced object-oriented programming concepts such as inheritance, interfaces, method overriding, and polymorphism. Gain a clear understanding of Java packages, access control, and modular program design.
4. 4. Work with Java strings and wrapper classes to efficiently process and manipulate data. Perform file input and output operations using both byte and character streams for effective data handling.
5. 5. Implement robust exception handling mechanisms and develop concurrent applications using multithreading, synchronization, and inter-thread communication.
6. 6. Build a mini-project that demonstrates applied understanding of Java's core features and best practices.

Outcome of the SSIP :

Upon completion of the SSIP students will be able to develop and test Object Oriented Java applications by applying object-oriented principles, file handling, exception handling, and multithreading to build modular, reusable, and robust solutions.

Coordinator	Convener
B. Ramji	**Dr. S. Narasimha Reddy**
Asst Professor, *Dept. of CSE(AI&ML)*	**Professor & Head**, Dept. of CSE(AI&ML)

Resource Persons:	Address for Communication
Dr.M.Rajesh Asst Professor, Dept. of CSE(AI&ML) **V.Ramu** Asst Professor, Dept. of CSE(AI&ML) **Sravan Padala** Asst Professor, Dept. of CSE(AI&ML) **Bharadwaja Chepuri** Founder, CEO, Mind Spark	**B. Ramji** **Assistant Professor**, Dept. of CSE (AI&ML) **9866878871** **K. Shiva Kumar** **Assistant Professor**, Dept. of CSE (AI&ML) **9160103982**

Instructions to Students:

There are total 70 seats available. It's based on first come and first serve. After fee payment, you have to get the payment slip from Account section, KITSW by showing fee payment Transaction ID proof. Please submit the payment slip received from the KITSW account section on the first day of the internship.