



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.

CENTRE FOR INNOVATION INCUBATION RESEARCH ENTREPRENEURSHIP (i²RE)

Department of Computer Science and Engineering (Networks)

A Three Week Offline Student Summer Internship Programme (SSIP)

On

Industry-Oriented Java Programming: From Basics to Advanced Application Development with Capstone Project

9th June 2025 to 28th June 2025

Registration Details:

- Eligible Participants: B.Tech 2nd, 3rd & final year students
- Rs. 2000 per each participant for 3 weeks of internship
- Registration fee including certificate of participants by I2RE
- Last date for Applications: 07th June 2025, 11:59pm.
- <https://forms.gle/KVP3KAPfjpaVt4y47>



VENUE: BLOCK VII - AIIT LAB (301)

Objective of the Training:

This training program is designed to bridge the gap between academic learning and industry requirements by providing hands-on experience in Java programming. Through this Internship, the students will be able to

- Recognize the importance of Java for designing desktop and web applications.
- Apply Object-Oriented Programming (OOP) principles, including encapsulation, inheritance, and polymorphism, in Java.
- Create user-friendly interfaces using Java Swing, understanding GUI components.
- Leverage Java's extensive APIs to enhance programs
- Implement robust exception-handling mechanisms and perform file input/output operations..
- Use Java generics and the Collections API to manage and manipulate data structures effectively.
- Design applications that perform multithreading.
- Perform file operations, including reading from and writing to files, to manage data persistence.
- Build a solid foundation to explore advanced Java topics and frameworks in future learning endeavors.

Outcome of the SSIP :

Upon successful completion of the internship, students will achieve the following outcomes , Proficiency in Core Java Concepts, Object-Oriented Programming (OOP) Skills, Database Connectivity and Management, Multithreading and Concurrency, Exception Handling and File I/O Operations, Capstone Project Development, Industry Readiness.

Co-coordinators & Coordinator

Sri.S.Ravi, Dr.B.V Pranay Kumar & Dr.B.Sridhara Moorthy
Asst Professor, CSND
Ph: 7989449435

Convener

Prof. V. Shankar
Professor & Head,
CSND

Chairman

Prof. K. Ashoka Reddy
Principal
KITSW

Instructions to Students: After completing the internship fee payment, please visit the **Accounts Section** at KITSW and present your **transaction ID** as proof of payment. You will be issued an official **payment receipt**, which must be **submitted on the first day of the internship** for verification and record purposes.