



**ICT
ACADEMY
OF KERALA**



ESSENTIAL SKILL PROGRAM

JAVA PROGRAMMING



**REGISTER
NOW!**

ictkerala.org/interest





About the Program

Java is the core language for Android and many enterprise web applications. In 2020 Java ranked 2nd in the IEEE Spectrum rankings of top programming languages. Furthermore, Java has an average salary of USD 102,000 according to Burning Glass which makes Java a widely used and highly applicable language. This essential skill program helps the learners to build a solid foundation in the Java language.



LIVE TRAINING
(30 HRS.)



SELF-PACED LEARNING
(30 HRS.)



CAPSTONE PROJECT
(45 HRS.)

Why Skilling?

Skilling programs offer a variety of benefits, including:

- Improving employability and job readiness
- Enhancing knowledge and skills in a specific field
- Increasing earning potential and career advancement opportunities
- Meeting industry demands for skilled workers
- Keeping up with the latest trends and technologies in the field

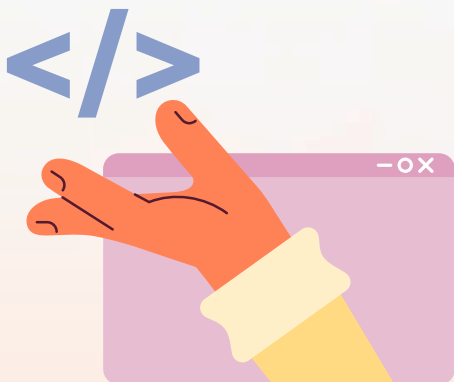


Java



Scope of the Program

- Java is one of the most popular languages with developers, mainly because of its versatile nature and compatibility.
- According to the TIOBE index for the popularity of programming languages, Java stands on top of the popularity index as the most used programming language consistently over the past years.
- With the increase in the number of users of devices like smartphones and tablets, there is a massive demand for the applications that run on these devices. Java is the backbone of eighty percent of these mobile applications. A huge percentage of these smart devices are powered by Android OS which itself is built with Java



Agenda

- Introduction to Java Programming
- Data types, Control flow
- Debugging and Exception handling
- Functions and Classes
- Work with Inheritance
- Manage Data Collections
- Java Data Access
- Build and Deploy Java Applications

Objectives

- Learn the fundamentals of programming with Java
- Discover solutions to common Java programming challenges
- Build desktop and web applications with Java



Powered by



Knowledge Partners



Program delivery



Internship Partner





About ICTAK



The ICT Academy of Kerala (ICTAK) is a not-for-profit, public-private partnership (PPP) conceived by the Govt. of India and created by the Govt. of Kerala in partnering with leading industry partners such as TCS, Sowparnika Education Infrastructure, IBS, UST, and Quest Global. The academy empowers students and professionals to reach their digital aspirations through a comprehensive range of programs, from fundamental computer literacy to cutting-edge software engineering. As the leading provider of skilled workforce in the industry, ICTAK has an impressive track record with over 5,000 successful placements since its establishment. In 2023 October the ICT Academy of Kerala was recognized as a Total Solution Provider by the Dept. of Electronics & IT, Govt. of Kerala.

JAVA PROGRAMMING

Eligibility

- The following shall be eligible to join the course;
- Engineering or science graduates / three-year diploma holders in any engineering branches, final year/pre-final year students of these courses, having a foundation level knowledge (plus two equivalent) in Mathematics and Computer fundamental skills.
- Students who have completed their graduation but are awaiting the final results can also apply.

**Please note that the ICT Academy of Kerala will have the right to cancel the candidature at any point if found ineligible.*



**INFORMATION &
COMMUNICATION TECHNOLOGY
ACADEMY OF KERALA**
ICTAK

G1, GROUND FLOOR, THEJASWINI BUILDING
TECHNOPARK CAMPUS, THIRUVANANTHAPURAM
+91 75 940 51437 | 471 270 0811
info@ictkerala.org | <https://ictkerala.org>