National Institute of Electronics & Information Technology Gorakhpur
(Under Ministry of Electronics and Information Technology, Govt. of India)
MMMUT Campus, Deoria Road, Gorakhpur-273010
https://www.nielit.gov.in/gorakhpur/

NIELIT

Digital India
Power To Empower

Certificate Course in Advanced Java

Certificate course in Advanced Java
04 Weeks Online Course

04 Weeks (2 Hrs. per day)
Medium of Instruction: Bilingual
(English & Hindi)

Objective

This Java course introduces the learner to the fundamentals of Java enterprise edition (J2EE). It starts with the basics, such as how to deploy Servlet, JSP and run it in a web server. It also discusses JSP and how to connect it with database. The students will be introduced with maven build tool and few important design patterns such as MVC and DAO.

Eligibility

Basic knowledge of core Java programming.

Prerequisite

✓ Candidates must have latest computer/laptop with preferably 4 GB RAM or higher.
✓ Software: notepad, JDK, Eclipse IDE (can be downloaded from respective websites)
✓ Internet connection with good speed *(preferably 2Mbps or higher)*

Course Fees

Rs. 1800/- incl. GST.

Certificate

Certificate will be provided to the participants, based on minimum 75% attendance and on performance (minimum 50% marks) in the online test, conducted at the end of the course.

Methodology

✓ Instructor-led live classes
✓ Instructor-led hands-on lab sessions.
✓ Content Access through e-learning portal
✓ Assessment and Certification

How to Apply?

Step-1: Read the course structure & course requirements carefully.
Step-2: Visit the Registration portal and click on apply button.
Step-3: Create your login credentials and fill up all the details, see the preview and submit the form.
Step-4: Login with your credentials to verify the mobile number, email ID and then upload the documents, Lock the profile and Pay the Fees online, using ATM-Debit Card / Credit Card / Internet Banking / UPI etc.

Course Content

Day	Topic	Day	Topic	Day	Topic
Day #01	Java Overview & language fundamentals	Day #02	OOPS Concepts Classes , objects & methods, Method overloading	Day #03	Constructor Static keyword This keyword inheritance
Day #04	Polymorphism Abstraction	Day #05	Packages Access modifiers Encapsulation	Day #06	Exception Handling
Day #07	SQL-1	Day #08	SQL-2	Day #09	Introduction to Different IDE's JDBC-1
Day #10	JDBC-2	Day #11	Introduction to J2EE The Need for JavaEE. Overview of the JavaEE Architecture Servlet Basics Servlet request	Day #12	Servlet Collaboration Servlet Config Servlet Context Attributes Session Tracking
Day #13	Servlet Filter Database connectivity Annotation Servlet	Day #14	Java Mail API	Day #15	Basics Of JSP Directive Elements Action Elements
Day #16	Expression Language JSTL	Day #17	JSTL-2 JSP Database connectivity	Day #18	Build Tool Maven
Day #19	Different Design Patterns	Day #20	Introduction to Spring Framework Interview Discussion/Feedback		

Course Coordinator

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