NARAYANA ENGINEERING COLLEGE::NELLORE

AUTONOMOUS

Permanently affiliated to JNTUA Ananthapuramu, Approved by AICTE,
Accorded 'A' grade by Govt. of AP, Recognized by UGC 2(f) & 12(B),
ISO 9001:2015 certified Institution, Approved with 'A+' Grade by NAAC

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A REPORT ON "Java Programming"

1	Name of the Activity/Event	Value Added course on " **Java Programming** "
2	Date of Activity/Event	07/06/2021 to 30/06/2021
3	Organized by	**Department of Electronics And Communication Engineering**
4	Place of Activity/event	visweswaraya Auditorium
5	Resource persons / guest / organization	**1. Mr. P. Sreenivasulu, Associate Professor Department of CSE Narayana Engineering College, Nellore.**
6	Type of activity/Event	Value Added Course
7	Activity/Event objectives	1. Enabling students to understand basic java programming concepts 2. Provide hands-on sessions to practice the concepts covered in the course 3. Enable students to develop applications in Java.

8	Participation	Students	Faculty	Total Participation
		123	-	123

9	General remarks	1. To Learn the concept of aptitude 2. To walk through various connectivity methodologies. 3. Able to do solve coding and decoding techniques. 4. To know Importance of inter personal skills.
10	Suggested Improvements	• Emphasize teamwork. • Build positive relationships
11	Enclosures	1. Brochure 2.Program report 2. Attendance sheet 3. Certificate
12	Signature of In Charge	

The Department of ECE conducted a value added course on Java Programming from **07/06/2021 to 30/06/2021** by **Mr. P. Sreenivasulu, Associate Professor, Department of CSE, Nellore**. The Entire course was handled by all above mentioned resource persons.

Huge number of students participated in JAVA program

A BRIEF DESCRIPTION OF THE EVENT:

Apart from University requirement, Java is also a pre-requisite for learning latest technologies like Android and BigData. In order to prepare and make IT aspirants among the students ready for industry, ECE department has carved out a course that specifically aligns with IT industry requirements.
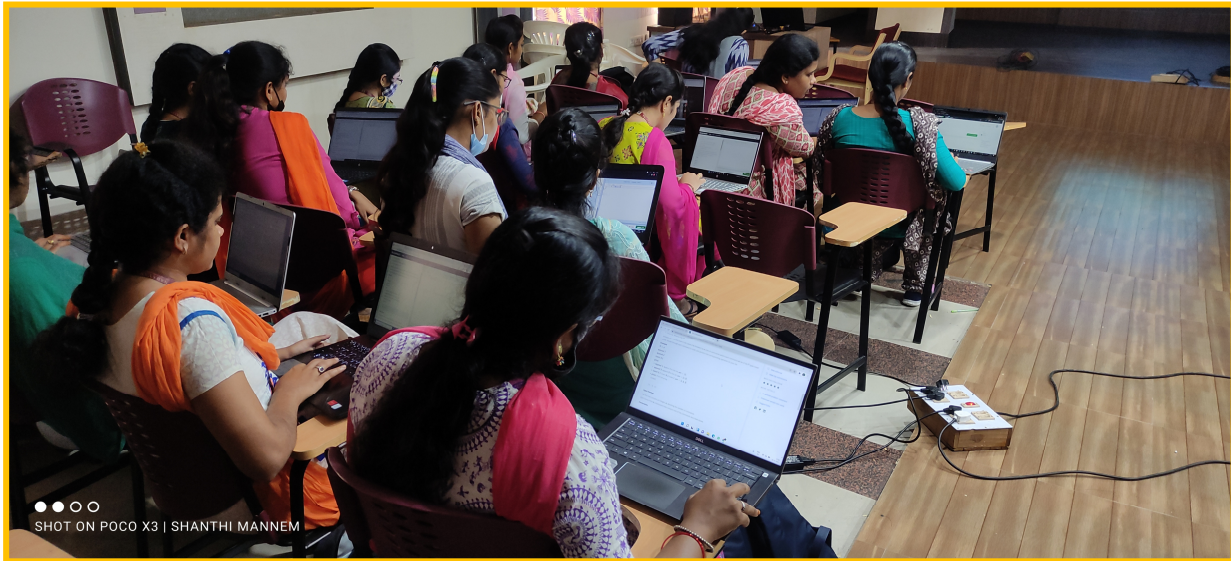
A value added course on "JAVA as Object Oriented Programming Language" was organized by the Department of Electronics & Communication Engineering for II Year ECE Students from **07/06/2021 to 30/06/2021** by **Mr. P. Sreenivasulu, Associate Professor, Department of CSE, Nellore**. Total of **123** students have attended the Course.

The course was designed as **30+ hours of classroom and hands-on training**, conducted in each day with each session of 2 Hrs duration. At a high level course covers a range of topics towards:

• Enabling students to understand basic java programming concepts

- Provide hands-on sessions to practice the concepts covered in the training
- Enable students to develop applications in Java

The course instructor introduced the Java programming language to the students by stating that "Java is a general-purpose computer programming language that is concurrent, class-based, object-oriented, and specifically designed to have as few implementation dependencies as possible. It is intended to let application developers "write once, run anywhere", meaning that compiled Java code can run on all platforms that support Java without the need for recompilation. Java applications are typically compiled to byte code that can run on any Java virtual machine (JVM) regardless of computer architecture".

Students participating in practical session

The Resource Person has covered the following topics:

- Basics of Java
- OOPS Concepts
- String Handling
- Exception Handling
- Nested Classes
- Multithreading
- Synchronization
- Input and output
- Serialization

- Networking
- AWT and Event Handling
- Swing
- Applet
- Reflection API
- Java New Features

SHOT ON POCO X3 | SHANTHI MANNEM

Students practicing JAVA program

At the end of the course the students were expertise in Aptitude, Group Discussion process and interview Process which will be very helpful in Campus Placements.