

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC - AUTONOMOUS)

Report on A Two-day Workshop on JDBC & ADVANCED JAVA PROGRAMMING 5 - 6 October 2018



Submitted by : Dr. G. Arun kumar, Senior Assistant Professor, Department of Computer Science and Engineering

Chief Guest & Trainer: Mr. S.Manoj , Technical Trainer – Head - ,Wipro Ltd ,Chennai.

Day 1: Inauguration

Mr. S. Manoj Kumar- **Chief Guest & Trainer of the workshop**, **Dr. V. Ramanathan: Vice Principal-Academics**, **Dr.R.Kalpana- Head of Department –CSE** , **Dr. G. Arun Kumar Sr. Asst. Prof – CSE** and **Mr. S. Manoj** along with the student participant inaugurated the workshop.

Vice Principal-Academics in his inaugural speech touched upon the prevailing attitude towards students programming. Today's students are facing a huge problem in getting a job. He said, "The students are not practicing the programming in labs and they don't not have a deep idea about the basics of programming language." We have programming lab for 4 months in curriculum within this period we can't cover the full concepts of programming. Therefore, students should start learning programming by themselves. They can approach the same faculty after the semester ends take a project idea from the faculty and try to develop and complete full stack project. This kind of attitude should be there in the mind of students to become a great programmer which makes students more confident in attending placement drive.

Dr. R. Kalpana spoke about opportunity to learn programming. There are many online portals offering programming courses like HackerRank, Hacker Earth, TCS Code Vita and many Coding Challenges & contest are happening currently in IT World. Students should register themselves and they should try to solve the problems, this should be practiced from II & III year onwards. Students should either create their own blog or they should be blog follower of some programmer which in turn will help them gain more knowledge in programming in certain language.

Mr.S.Manoj -Chief Guest & Trainer of the workshop in his inaugural speech highlighted the importance of Programming . Today programmed products are ruling the world like Mobile, all websites, Robot etc. So programming has become a common tool to solve the problem. Learning programming is an easy task unless you never make mistakes while doing programming. By solving mistakes you can learn more and more ways of programming .And also he insisted students to take simple projects every day to keep working on the same projects by adding new concepts in any of the modules. This makes the students to become a good programmer.

Dr. Arun Kumar proposed vote of thanks to Mr. S. Manoj,Vice Principal, & HoD – CSE .

Day 1:5th October 2018 - III CSE C & D section students – Total Members Present – 90

Time : 9.50 a.m. – 12.10 pm and 1.00 pm to 3.00pm

Topics covered

1. **Introduction to JAVA**
2. **Eclipse Tools Overview**
3. **JDBC – Java DataBase Connectivity**

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4. Swing
5. Java Script –Server Side Scripting
6. Java Script –Client Side Scripting

Hands on Session: 3.15 pm to 5.30 pm

Venue: Circular Block: concepts discussed in the session are manually implemented using Java Eclipse tool.

Outcome of the WorkShop :

1. Students can do projects using Java & Java Script & JDBC.
2. Students will explore new Tool – Eclipse which is IDE platform for Java based projects.
3. Students can take a full stack development project.
4. When students going for internship this workshop will be helpful for their projects.
5. Students can do mini projects in fourth year I semester.

Day 2:6th October 2018 - III CSE A & B section students – Total Members Present – 80

Time : 9.20 a.m – 12.10 pm and 1.00pm to 2.00pm

Topics covered

1. Introduction to JAVA
2. Eclipse Tools Overview
3. JDBC – Java Database Connectivity
4. Swing
5. Java Script –Server Side Scripting
6. Java Script –Client Side Scripting
7. Creating Web server

Hands on Session: 2.15 pm to 4.30 pm

Venue: Circular Block : Concepts discussed in the session are manually implemented using Java Eclipse tool.

Outcome of the WorkShop :

Students can do projects using Java & Java Script & JDBC

1. Students explore new tool – Eclipse which is IDE platform for Java based projects.
2. Students can take a Full stack development project.
3. When students will go for internship this workshop will be helpful for their projects.
4. Students can do mini projects in fourth year I semester.

Workshop Closing:

Workshop session ended by 4.30pm and feedback about the workshop by the students sharing the great memories of the workshop followed.