Report on Workshop

1. **Event Title:**   4 days college level workshop on Java

2. **Event Date:**   06/09/2017 Wednesday – 09/09/2017 Saturday

3. **Event Conduction Duration:** 5 h (10:00 to 17:00 h) daily

4. **Event Venue:**   Seminar Hall, Computer Engineering Department, SIEM.

5. **Event Resource Person Details:**
   Mr Sandeep Patil,
   Director – v3 Data solutions, Nashik.

6. **Name of Event Coordinator:** Prof. A. R. Gaidhani

7. **Expected Audience:** students of T.E. & B.E.

8. **Number of Students:** 93

9. **Event Objectives & Outcomes:**

   Objectives:
   a. Understanding the object oriented concepts.
   b. Gain knowledge about basic Java language syntax and semantics to write Java programs and use concepts such as variables, conditional and iterative execution methods etc.
   c. Understand the fundamentals of object-oriented programming in Java, including defining classes, objects, invoking methods etc and exception handling mechanisms.
   d. Understand the principles of inheritance, packages and interfaces.

   Outcomes:
   a. Read and understand Java-based software code of medium-to-high complexity.
   b. Use standard and third party Java's API's when writing applications.

c. Understand the basic principles of creating Java applications with graphical user interface (GUI).

d. Create rich user-interface applications using modern API's such as JAVAFX.

e. Understand the fundamental concepts of computer science: structure of the computational process, algorithms and complexity of computation.

f. Understand the basic approaches to the design of software applications.

g. Apply the above to design, implement, appropriately document and test a Java application of medium complexity, consisting of multiple classes.

8. Event photos which must include photos of Inauguration, felicitation, event conduction and valedictory ceremony. (If applicable)

Photo 1: Introduction & Felicitation of Mr. Sandeep Patil by Dr. K. C. Nalavade (HOD COMP)

Photo 2: Mr. Sandeep Patil explaining the concepts

Photo 3: Session by Mr. Sandeep Patil

Photo 4: Mr. Sandeep Patil interacting students