



Summary Report

Type of Event	: Two Days Workshop (Online Mode – Zoom)
Title	: Advanced Java Technology
Date of Event	: 19th and 20th July 2021. (11 am to 2 pm)
Coordinators	: 1. Shubhashree Sawant 2. Dr. Prashant Chintal
No. Of Students Registered	: 170
No. of Student Actually Participated	: 80
Resource Person	: Mr. Adinath Giri Director, GSoft Solution Pvt. Ltd, Pune.

Brief about Event :

The workshop is started at 11.00 am on Day one Welcome talk by Dr. Prashant Chintal, Shubhashree savant has given the preamble of workshop.

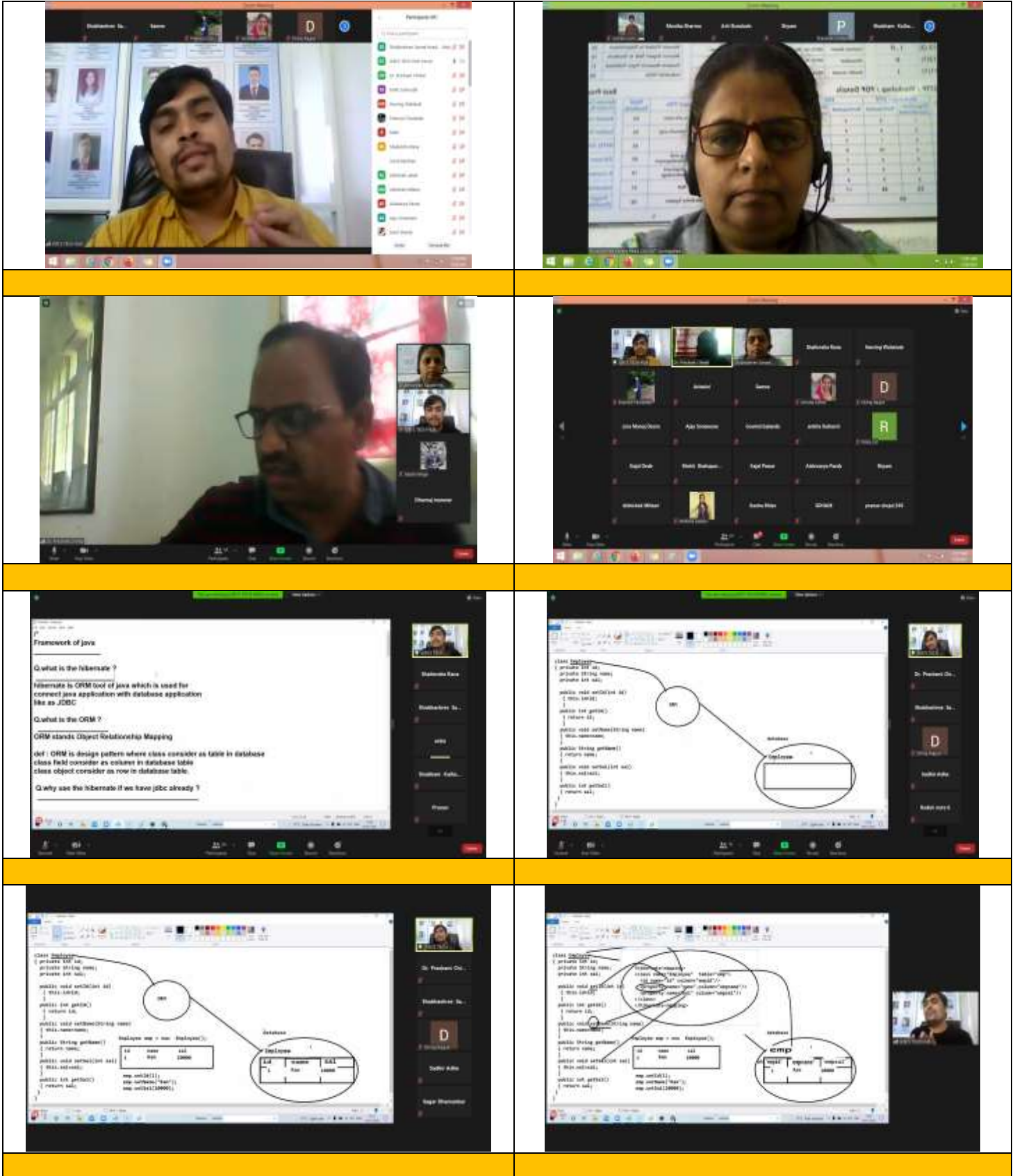
The whole workshop has been nicely conducted by resource person with hands on demonstrations.

The day one session conducted on the topic Hibernate. Day 1 attendance and feedback has been taken on Google form. Day 2 session conducted on the topic Struts and EJB the final feedback form also has been taken on Google form and the Certificate of the workshop has been sent on student registered mail id on submission of feedback form.

Faculty Coordinator
Dr. Prashant L. Chintal

Shubhashree Savant
Head of CA Dept.

Workshop Glimpses:



The workshop glimpses are arranged in a 4x2 grid. The first two rows show participants in a video conference. The third and fourth rows show code snippets and diagrams related to ORM and Hibernate.

Row 3, Left: Framework of Java

Framework of Java

Q: what is the hibernate ?

hibernate is ORM tool of java which is used for connect java application with database application like as JDBC

Q: what is the ORM ?

ORM stands Object Relationship Mapping

def : ORM is design pattern where class consider as table in database class field consider as column in database table class object consider as row in database table

Q: why use the hibernate if we have jdbc already ?

Row 3, Right: ORM Diagram

Diagram illustrating ORM (Object Relationship Mapping) with a class `Employee` and a database table `EMPLOYEE`. The class has attributes `empid`, `empname`, and `empdept`. The table has columns `EMPID`, `EMPNAME`, and `EMPDEPT`.

```

class Employee {
    private int empid;
    private String empname;
    private int empdept;

    public void empid(int id) {
        this.empid = id;
    }

    public void empname(String name) {
        this.empname = name;
    }

    public void empdept(int dept) {
        this.empdept = dept;
    }

    public int getEmpid() {
        return empid;
    }

    public String getEmpname() {
        return empname;
    }

    public int getEmpdept() {
        return empdept;
    }
}

```

Row 4, Left: ORM Diagram with Table

Diagram illustrating ORM (Object Relationship Mapping) with a class `Employee` and a database table `EMPLOYEE`. The class has attributes `empid`, `empname`, and `empdept`. The table has columns `EMPID`, `EMPNAME`, and `EMPDEPT`.

```

class Employee {
    private int empid;
    private String empname;
    private int empdept;

    public void empid(int id) {
        this.empid = id;
    }

    public void empname(String name) {
        this.empname = name;
    }

    public void empdept(int dept) {
        this.empdept = dept;
    }

    public int getEmpid() {
        return empid;
    }

    public String getEmpname() {
        return empname;
    }

    public int getEmpdept() {
        return empdept;
    }
}

```

Row 4, Right: ORM Diagram with Table and CMP

Diagram illustrating ORM (Object Relationship Mapping) with a class `Employee` and a database table `EMPLOYEE`. The class has attributes `empid`, `empname`, and `empdept`. The table has columns `EMPID`, `EMPNAME`, and `EMPDEPT`. The diagram also shows a class `cmp` with attributes `empid`, `empname`, and `empdept`.

```

class Employee {
    private int empid;
    private String empname;
    private int empdept;

    public void empid(int id) {
        this.empid = id;
    }

    public void empname(String name) {
        this.empname = name;
    }

    public void empdept(int dept) {
        this.empdept = dept;
    }

    public int getEmpid() {
        return empid;
    }

    public String getEmpname() {
        return empname;
    }

    public int getEmpdept() {
        return empdept;
    }
}

class cmp {
    private int empid;
    private String empname;
    private int empdept;

    public void empid(int id) {
        this.empid = id;
    }

    public void empname(String name) {
        this.empname = name;
    }

    public void empdept(int dept) {
        this.empdept = dept;
    }

    public int getEmpid() {
        return empid;
    }

    public String getEmpname() {
        return empname;
    }

    public int getEmpdept() {
        return empdept;
    }
}

```