



ACADEMIC YEAR: 2023-2024

SEMESTER: 7

CLASS: IV YEAR IT

ODD SEM

Title:JCS1702 Cloud Computing

Name of the Faculty member:Mrs.K.Shanmuga Priya, Assistant Professor

Topic: To know the real time implementation of Web Computing tools

Practice followed: Jigsaw Method

Objectives:

O1: To make students to know the various types of cloud services.

O2: To develop a cloud enabled services.

Justification for choosing this topic:

To make students to know the various types of cloud services. To develop a cloud enabled services.

Group Activity:

Students were divided into 8 groups with 5 members in each group. Each student in a group is assigned with different projects.

The projects given to the teams are:

- Real World Apps Using Current Cloud Technologies
- Cloud Computing Projects In Amazon, Microsoft And Google
- Cloud Computing With Heroku And Netflix OSS
- Master Technologies Like Openshift And Kubernetes
- Webservices Project
- Projects Using Hadoop System
- Open Nebula Projects
- Cloud SIM Setup

The course instructor delivered the instructions of how to develop the projects. For collaborative teamwork, the students who are assigned with the same project in each group is picked out and framed as a team – “Expert Group”. Thus, for each project there will be an expert group. The expert group members discuss within themselves and develop the project assigned to them.

After they have developed the project, the expert group is collapsed, and all the students are re-grouped into their original group (initial team). Now each member in the team will be an expert in any one project. They must share their ideas to all the other members in the group thus enabling each student to learn all the projects.

Outcome:

Through this activity the students are made to work in a team and share their ideas to others and improve their communication skills. Thus, the students were made to understand that the teamwork will give a better solution. The students are exposed how to identify and develop a specific project, which will help them to do the same, when they work in an organization.



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