St. Joseph's Degree & PG College
Department of Computer Science

A Seminar on "Web Portal Development"

Resource Person : **Mr. Azar**

Training Manager

Empower Labs Pvt. Ltd, Bangalore

Participants : B.Sc III year students

Date : 2nd June, 2013

Topic Covered:

- Web Portal development using LifeRay Framework

- Open source enterprise solutions for portals, publishing content, and collaboration

- **Building a Seamless Ecosystem** – Web Services, SOA, ESB, Service Catalog, Migration

- **Collaborative Framework that unites Users (internal/external)** – SSO, LDAP, IDM, Dashboards, User Account/ Profile, Groups and Roles, WCM, White Labeling, Channel Partner Enablement.

- **Business Processes Workflow Integration** – JBPM5 based WFM, On-boarding, Provisioning Process, and Maintenance

St. Joseph's Degree & PG College
Department of Computer Science

A Seminar on "Cloud Computing"

Resource Person   **: Mrs. Vasavi**

                                            RCV Innovations Pvt. Ltd.

Participants   : B.Sc III year students

Date   : 27th June, 2013

Topic Covered:

- Cloud computing describe a variety of different types of computing concepts that involve a large number of computers that are connected through a real-time communication network.

- **Services:**

  Cloud computing providers offer their services according to several fundamental models. The primary service models being deployed are:

  - **Software as a Service (SaaS)**- information for the interaction between the consumer and the service is hosted as part of the service in the cloud.

  - **Platform as a Service (PaaS)** — Consumers purchase access to the platforms, enabling them to deploy their own software and applications in the cloud.

- **Infrastructure as a Service (IaaS)** — Consumers control and manage the systems in terms of the operating systems, applications, storage, and network connectivity, but do not themselves control the

- The cloud also focuses on maximizing the effectiveness of the shared resources. Cloud resources are usually not only shared by multiple users but as well as dynamically re-allocated as per demand.

- End users access cloud-based applications through a web browser or a light-weight desktop or mobile app while the business software and user's data are stored on servers at a remote location.

- **Benefits:**
  - Cost Savings
  - Scalability/Flexibility
  - Reliability
  - Maintenance
  - Mobile Accessible