

Department of Computer Science and Engineering

A Three Day Student Development Programme on

"Cloud Services with AWS"

During 07th to 09th August, 2019

A Three Day Student Development programme on "**Cloud Services with AWS**" was inaugurated by **Dr. B. Narendra Kumar Rao, Professor & HoD, Dept. of CSE** with welcome speech on 07-08-2019 at 09.00 AM. The keynote address was delivered by **Mr. Upendra Saniknati, Deloitte Ind, Bangalore** to a total of 75 registered participants.

On the first day (07-08-2019) of the program Mr. Upendra Saniknati, Deloitte Ind, Bangalore briefed about "**Importance of AWS**" in all the cloud services and special features with introduction to cloud computing. Later he carried the discussion into a technical way by considering AWS console and Major services init.

In the second session after the tea break Mr. Upendra Saniknati, Deloitte Ind, Bangalore continues his explanation with hands-on practice on "**Creating VPC and different EC2 Instances**". In this session students gained the practical knowledge with AWS services.

The post lunch (third) session of the day-1 started by **Mr. Upendra** with Hands-on all major services like **Load Balancing, Auto Scaling, RDS, SNS, Route 53 and Cloud watch**. He continuously interacted with students and provided assistance.



On the second day (08-08-2019), **Mr. Upendra** started his lecture by considering a small **Mr. Upendra Involved in doubts clarification**

scenario to “**build and host a web application using S3 Bucket**” in AWS. After the discussion he started explaining REST APIs which are most important part to build an application in cloud platform.

The second session of day two handed over to **Mr. Mohammad Ghouse, Redef Consulting, Hyd** and he explained how to create a Lex based chatbot in AWS platform with real-time scenarios. And also he assisted students in building a chatbot for banking applications. The third session again engaged by **Mr. Upendra** to build and deploy an Alexa application with the previous example.

Final session of day two was organized up to 5.45 PM with active participation and interaction by student. In this session **Mr. Mohammad Gouse**, Redef Consulting, Hyd explained about machine learning services and API usage to build any kind of application in AWS platform. In this session students gained knowledge on API integration and Machine learning services like Face Recognition, Celebrity Reorganization and video analytics.



Mr. Mohammad Gouse S explaining the architecture of S3 buckets



Mr. Mohammad Gouse S. demonstrating auto scaling

On the Third day (09-08-2019) of AWS programme **Mr. Mohammad Gouse S** Redef Consulting, Hyd taken the cloud computing syllabus from **SVEC 16** regulation and explained **five** experiments in the **two consecutive** sessions including PaaS, IaaS and SaaS. The final session of the AWS programme was organized completely like project development an doubts clarification by the experts. In this session **Mr. Mohammad Gouse S**, Redef Consulting, Hyd has given a case study to students on Weather forecasting and given suggestion in building and hosting process.

All the sessions of student development programme was organized in effective and interactive way. The programme was concluded with Oath of thanks by **Mr. E. Hari**, Assistant Professor of CSE, SVEC followed by a group Photo.

Outcomes

After successful completion of the programme students were able to

- Acquire practical exposure on AWS cloud Services
- Develop and host a sample web application using AWS Lambda and S3.
- Execute cloud computing lab experiments of SVEC 16 Syllabus.
- Get the internships offered by various companies who are using AWS services.