

# **SREE VIDYANIKETHAN ENGINEERING COLLEGE**

(AUTONOMOUS)

Sree Sainath Nagar, Tirupati – 517 102

Department of Information Technology

One Week Skill Development Programme  
on

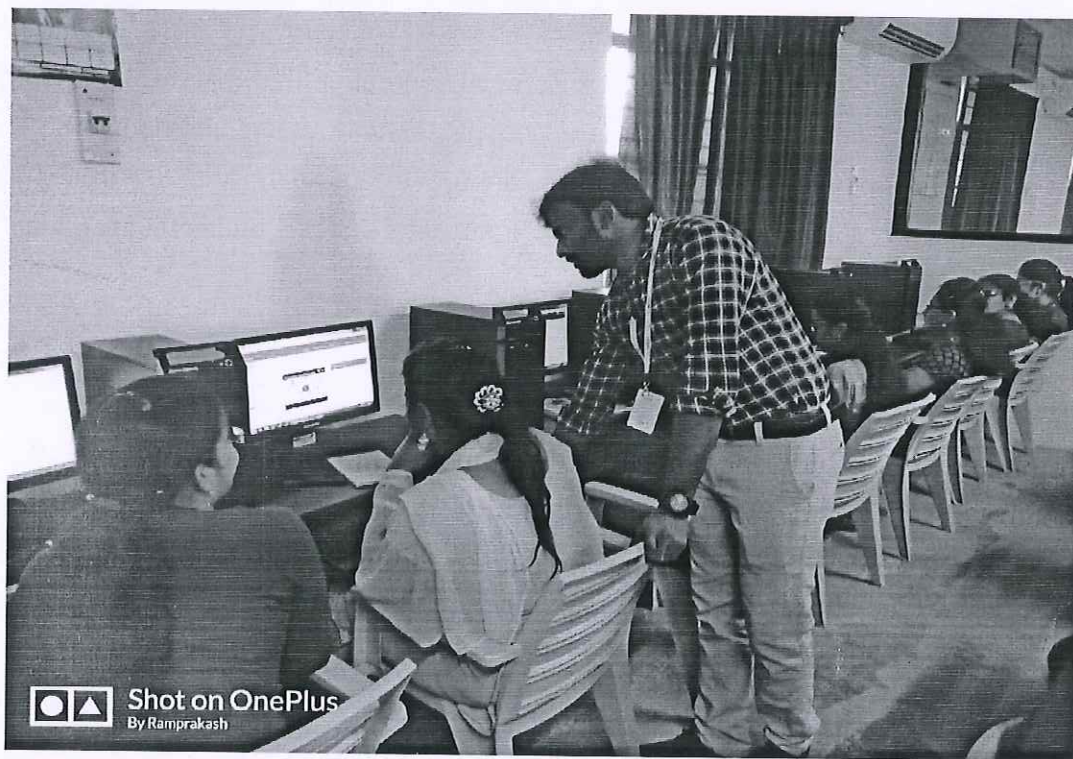
**"Amazon Alexa"**

During 22-07-2019 to 27-07-2019

Department of Information Technology organized a one week Skill Development Programme (SDP) on "Amazon Alexa" during July 22<sup>nd</sup> -27<sup>th</sup>, 2019 at Sree Vidyanikethan Engineering College, A. Rangampet. A total of 108 students from III B.Tech I Semester have participated in the Workshop. Mr. Ch. Sreenu babu, Assistant Professor and Ms. B. Sangamithra, Assistant Professor organized this workshop under the guidance of Dr. K. Ramani, Professor and Head, Department of Information Technology.

## **Day 1: 22-07-2019 (Monday)**

**Session 1: V Rupesh Kumar**, mentor, APSSDC, demonstrated on **"Creating a Cloud for AWS educate"** from 08.00 AM to 10.30 AM. He interacted with the students and clarified their doubts regarding the creation of cloud in AWS educate.



**Mr. V Rupesh Kumar, mentor, APSSDC** demonstrated on  
"creating a cloud for AWS educate".

**Session 2: V Rupesh Kumar**, mentor, APSSDC delivered a lecture on **"Over view of AWS Services" & "AWS S3"** from 11.00 AM to 1.30 PM.

## **Day 2: 23-07-2019 (Tuesday)**

**Session 1: Ms. Bethala Sumana**, mentor, APSSDC, delivered a lecture on "**Installing and Using Python, Variables and Expressions, Conditional Code, Functions, Loops and Iterations, Strings**" from 08.00 AM to 10.30 AM. She provided an overview on installing and using python basics and interacted with the students and clarified their doubts.

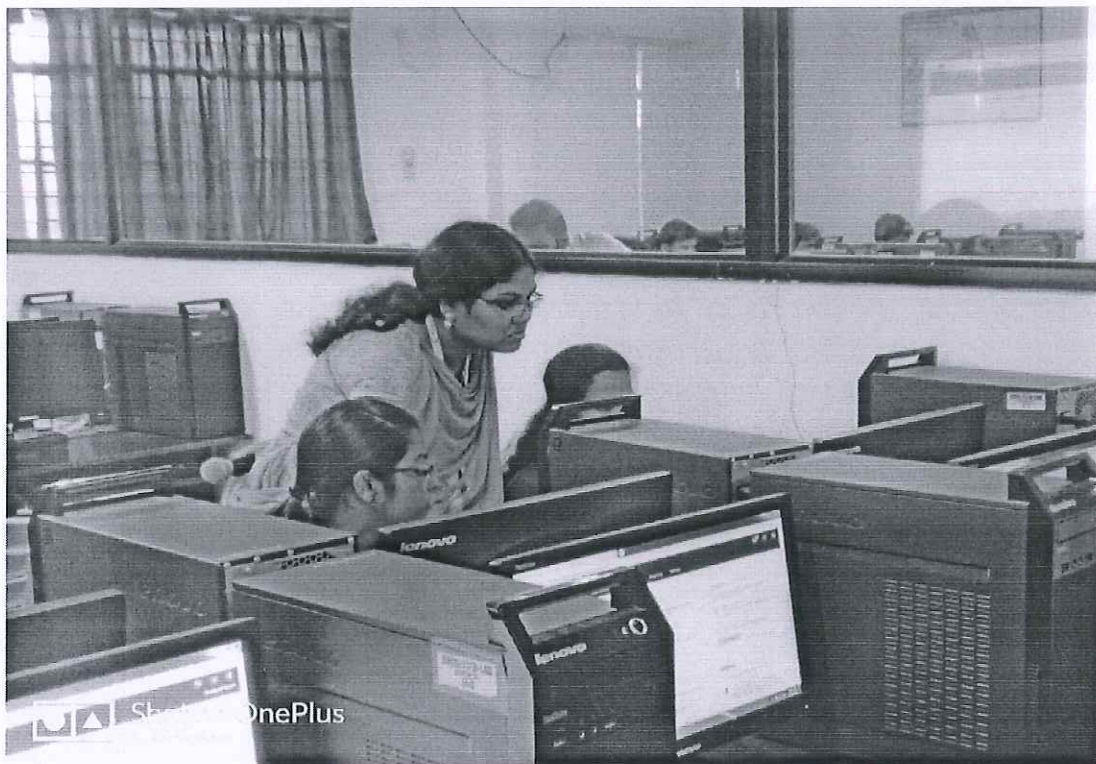


*Ms. Bethala Sumana , mentor, APSSDC delivered lecture on " Python ".*

**Session 2:, Ms. Bethala Sumana**, mentor, APSSDC, delivered a lecture on "**files, Lists, dictionaries & tuples**" from 11.00 AM to 1.30 PM.

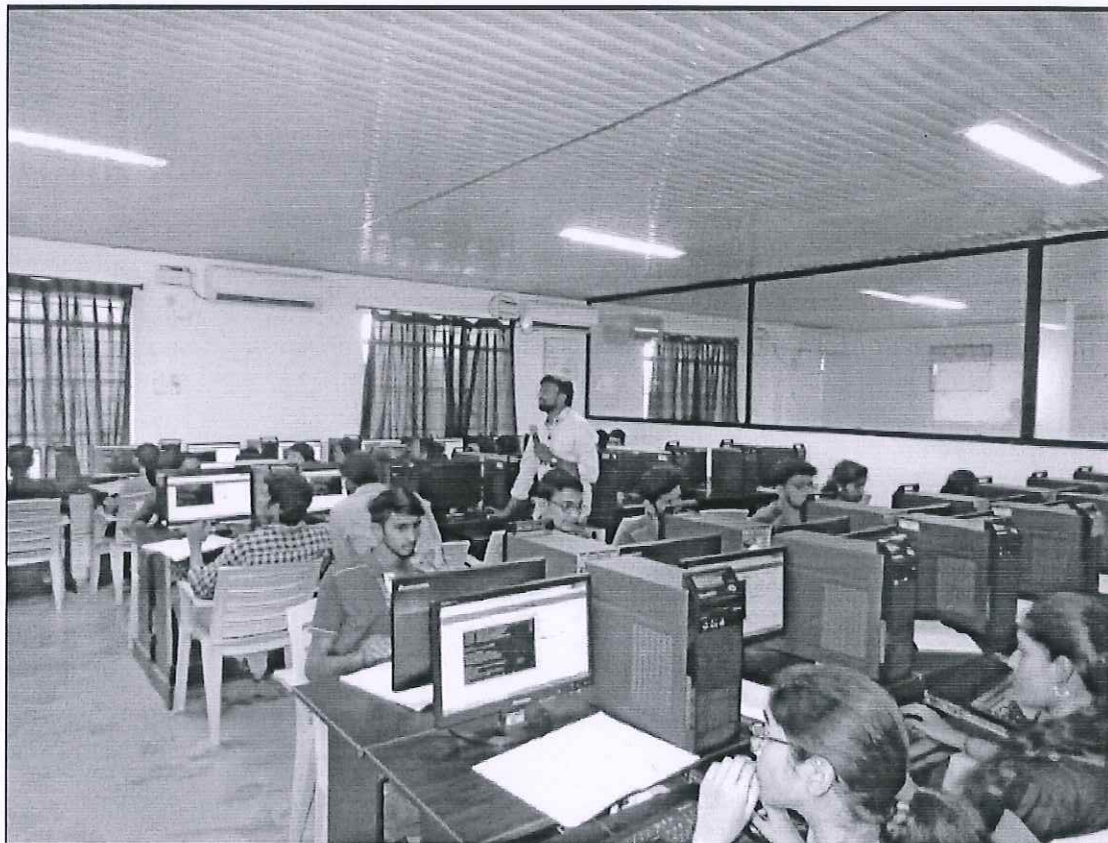
## **Day 3: 24-07-2019 (Wednesday)**

**Session 1: Ms. Bethala Sumana**, mentor, APSSDC, delivered a lecture on "**Regular Expressions, Databases with Python**" from 08.00 AM to 10.30 AM. She provided lab session on database with python and interacted with the students.



***Ms. Bethala Sumana , mentor, APSSDC demonstrated on "database with python".***

**Session 2:, V Rupesh Kumar**, mentor, APSSDC, delivered a lecture on **"AWS lambda"** from 11.00 AM to 1.30 PM. He also discussed on AWS services like AWS lambda and dynamo DB.



***Mr. V Rupesh Kumar, mentor, APSSDC delivered lecture on "AWS services".***

#### **Day 4: 25-07-2019 ( Thursday)**

**Session 1:** **V Rupesh Kumar**, mentor, APSSDC, delivered a lecture on **"AWS services of VPN"** from 8.00 AM to 10.30 AM. He clarified students' doubts regarding AWS Services Like lambda, VPN and Dynamo DB.



***Mr. V Rupesh Kumar, mentor, APSSDC delivered lecture on "AWS services".***

**Session 2:** **V Rupesh Kumar**, mentor, APSSDC, Demonstrated lab session on **"AWS lambda , VPN and Dynamo "** from 11.00 AM to 1.30 PM. He also discussed on AWS services like AWS lambda and dynamo DB.

#### **Day 5: 26-07-2019 (Friday)**

**Session 1:** **Ms. Ms. Bethala Sumana & Mr V. Rupesh Kumar**, mentor, APSSDC, delivered a lecture on **"lex: Intents, utterances"** from 8.00 AM to 10.30 AM.

**Session 2:** **Ms. Bethala Sumana & Mr V. Rupesh Kumar**, mentor, APSSDC, Demonstrated lab session on **"lex: slots, lab session to practice on lex example"** from 11.00 AM to 1.30 PM.



*Mr. V Rupesh Kumar, mentor, APSSDC delivered lecture on "AWS services".*

**Day 6: 27-07-2019 (Saturday)**

**Session 1: Ms. Ms. Bethala Sumana & Mr V. Rupesh Kumar**, mentor, APSSDC, delivered a lecture on **"Alexa: Build your first alexa skill, Create your Lambda function"** from 8.00 AM to 10.30 AM. Provided an overview of building on first alexa skill, creation of own Lambda function. Mentors clarified students' doubts regarding building alexa skills and creation lambda function.

**Session 2: Ms. Bethala Sumana & Mr V. Rupesh Kumar**, mentor, APSSDC, Demonstrated lab session on **"Alexa: Get user input, add persistence to your skill"** from 11.00 AM to 1.30 PM.



*Mr. V Rupesh Kumar, mentor, APSSDC demonstrated on "ALEXA".*



**Group Photo with HOD-IT SVEC, participants, mentors and faculty organizers.**

The resource persons are experienced trainers from APSSDC, Govt. of Andhra Pradesh. The feedback on participants understanding and learning, resource person's knowledge, teaching and organization of the workshop is extraordinary and encouraging to organize many workshops of this kind.

### **Outcomes of the one week skill development Programme on Amazon Alexa:**

- Students acquired knowledge to create instances using EC2, to store and access the data through Amazon S3 Cloud, to create static website using AWS-S3, to create voice experiences with Alexa Skills Kit.
- Students gained practical knowledge on Alexa Skill Kit which helps to create applications in the field of voice design.

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