Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
(Recognised by Govt. of Karnataka, Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)
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An ISO 9001:2015 Certified Institution

Department of Computer Science and Engineering

In association with

Decibles Lab Pvt LTD, Bangalore

Technical Talk on AWS & Cloud Computing

Academic Year: 2021-22

Targeted Audience: **2nd Year** CSE & ISE

Semester: IV sem

Name of the Event: Technical Talk

Date of Conduction: 6th July 2022

Time: 10:30 AM to 12:30 PM

Number of Participants: 50

Venue: Seminar Hall- CSE

Topic: "AWS & Cloud Computing"

Resource Person: Mr. PRAMOD B N

Designation: Associate Engineer
Contractor Role

2 Guinness World Records Holder | Multi Cloud Certified Architect
(1x AWS | 7x Azure | 5x Oracle | 4x Alibaba | 1x Juniper | 1x Aviatrix | 1x Nutanix)

IEEE Brand Ambassador
AWS re/Start Accredited Instructor
AWS Certified Solution Architect – Associate
AWS Educate Student Ambassador
Microsoft Certified Trainer

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Objectives:

The objective of the Technical Talk was to give students a foundation on which to apply various computer science concepts including Cloud Computing. Amazon Web Service was to equip students with the skills they'd need to create a variety of items utilizing Amazon Services. In the creation of their projects, it encouraged collaboration and teamwork among the students.
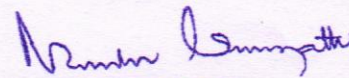
Topics Covered:

- What Is Cloud computing?
- Need of Cloud computing.
- Uses of Cloud computing.
- Structure of Cloud computing.
- What is Amazon Web Services?
- Utilities of Amazon Web Services.
- Complete reference of Cloud and its Environment.
- Understand Cloud module by video clip and audio visual reference.
- How to Launch a Website on AWS
- Operating Systems of AWS- Amazon and Ubuntu Linux distributions, and Microsoft Windows Server.
- What is Server, Database & Network?
- What is the use of DNS in AWS?
- DevOps roles and responsibilities
- How does Jenkins integrate with GitHub Enterprise?

Outcomes:

- Familiarity with general networking concepts
- Working knowledge of multi-tier architectures
- Familiarity with cloud computing concepts
- Working knowledge of distributed systems
- Get knowledge how to configure two servers and how to create private server and access it.
- Cloud Infrastructure and its Services.

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Activity Description:

The Computer Science and Engineering department has organized Technical Talk on "Amazon Web Service and Cloud Computing" for 4th semester CSE & ISE students on 6th July 2022(Wednesday).

Our expert, Mr. Pramod B N has extreme knowledge of AWS and cloud computing and he is working as a Associate Engineer in IN 4.0 Group, United Kingdom as a Contractor Role. Mr. Pramod B N discussed Cloud computing is the distribution of computing services via the Internet (the cloud), including servers, storage, databases, networking, software, analytics, and intelligence, in order to provide faster innovation, more flexible resources, and economies of scale. You typically only pay for the cloud services you use, which helps you reduce operating expenses, improve infrastructure efficiency, and scale as your business grows.
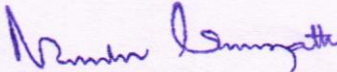
You are probably using cloud computing right now, even if you don't realize it. If you use an online service to send email, edit documents, watch movies or TV, listen to music, play games or store pictures and other files, it is likely that cloud computing is making it all possible behind the scenes. The first cloud computing services are barely a decade old, but already a variety of organizations from tiny start-ups to global corporations, government agencies to non-profits—are embracing the technology for all sorts of reasons.

AWS enables you to select the operating system, programming language, web application platform, database, and other services you need. AWS is designed to allow application providers, ISVs, and vendors to quickly and securely host your applications – whether an existing application or a new SaaS-based application. With AWS, you take advantage of a scalable, reliable, and secure global computing infrastructure, the virtual backbone of Amazon.com's multi-billion dollar online business that has been honed for over a decade. Using AWS tools, Auto Scaling, and Elastic Load Balancing, your application can scale up or down based on demand. Backed by Amazon's massive infrastructure, you have access to compute and storage resources when you need them. You pay only for the compute power, storage, and other resources you use, with no long-term contracts or up-front commitments. AWS utilizes an end-to-end approach to secure and harden our infrastructure, including physical, operational, and software measures. For more information, see the AWS Security Centre.

Students Review:

Ashwini S: Great, well organized and informational session for starting AWS.

Sadashish Kumar Bhokta :   This is a very good course for a beginner. This course gives good motivation to kick off to a good start into AWS learning and good foundational knowledge to be comfortable with further studies on AWS.

Feedback / Suggestions:

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After the completion of the Technical Talk, participants said all topics have been very well presented, considering the variety of concepts involved. They expressed positively about the overall sessions and suggested to conduct practical sessions in future.

Event Photos:

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Introduce of Resource Person Mr. Pramod B N on Technical Talk by, Prof. C V Shanmukaswamy. HOD Dept of CSE.
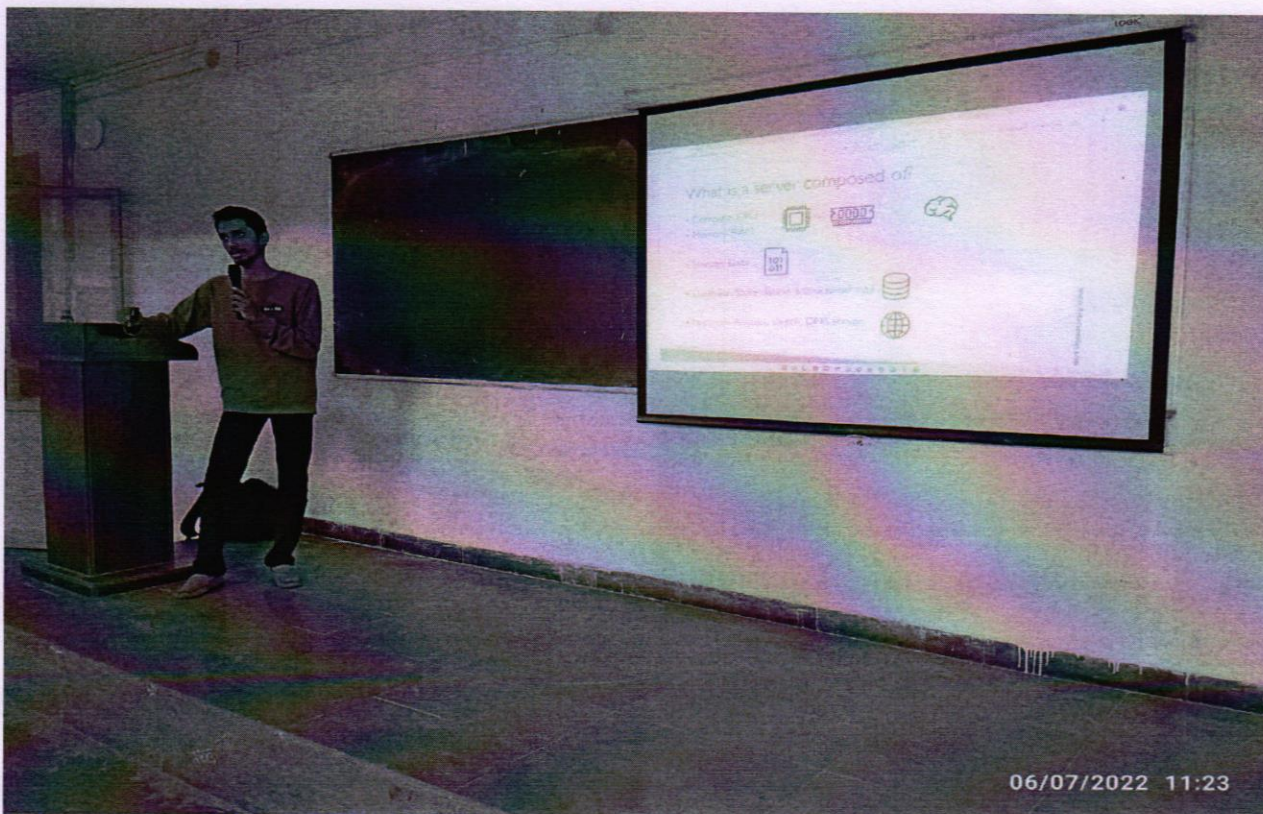
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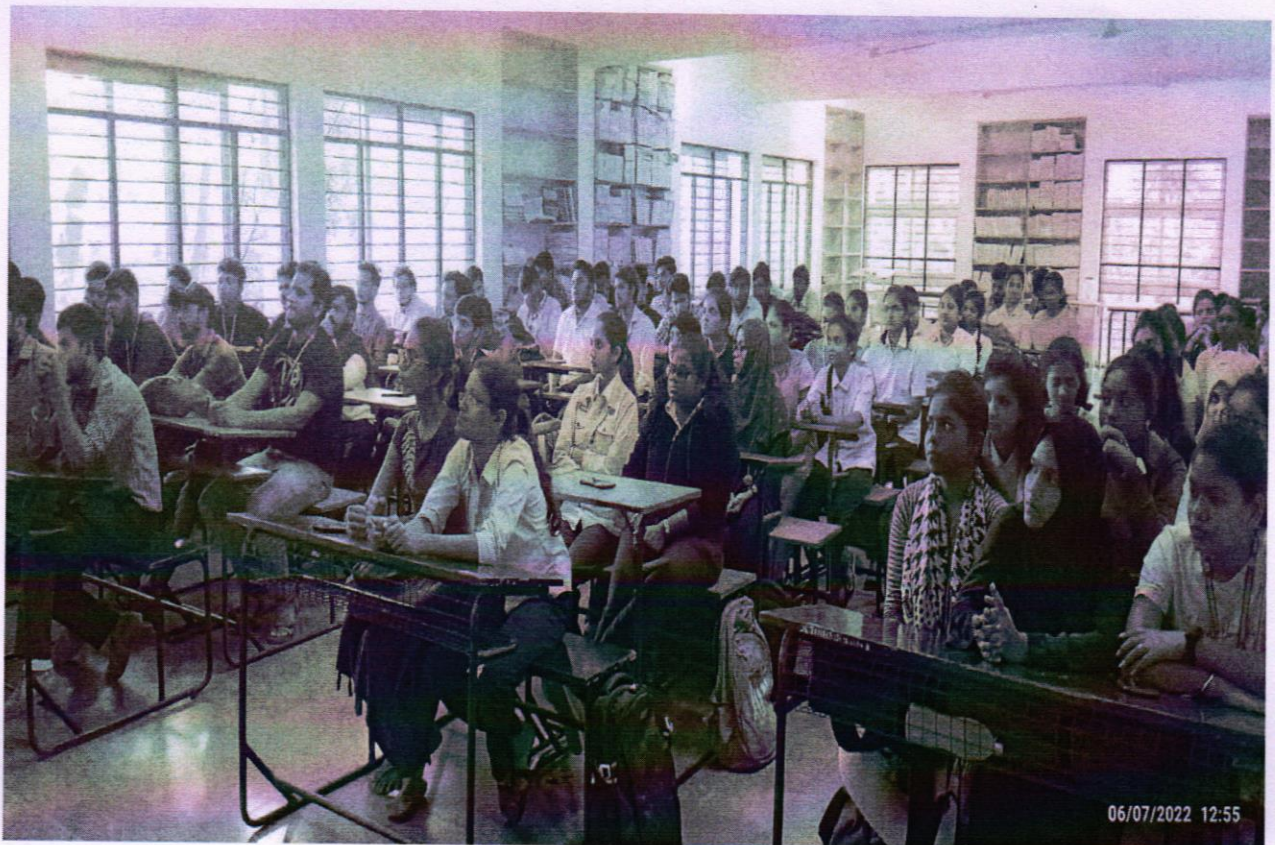
Mr. Pramod B N Explaining Sever Concepts on AWS

Faculties and Students are in Technical Talk Event.

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Mr. Pramod B N with faculties and Students

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Faculties and Students are in AWS and Cloud CoumputingTechnical Talk
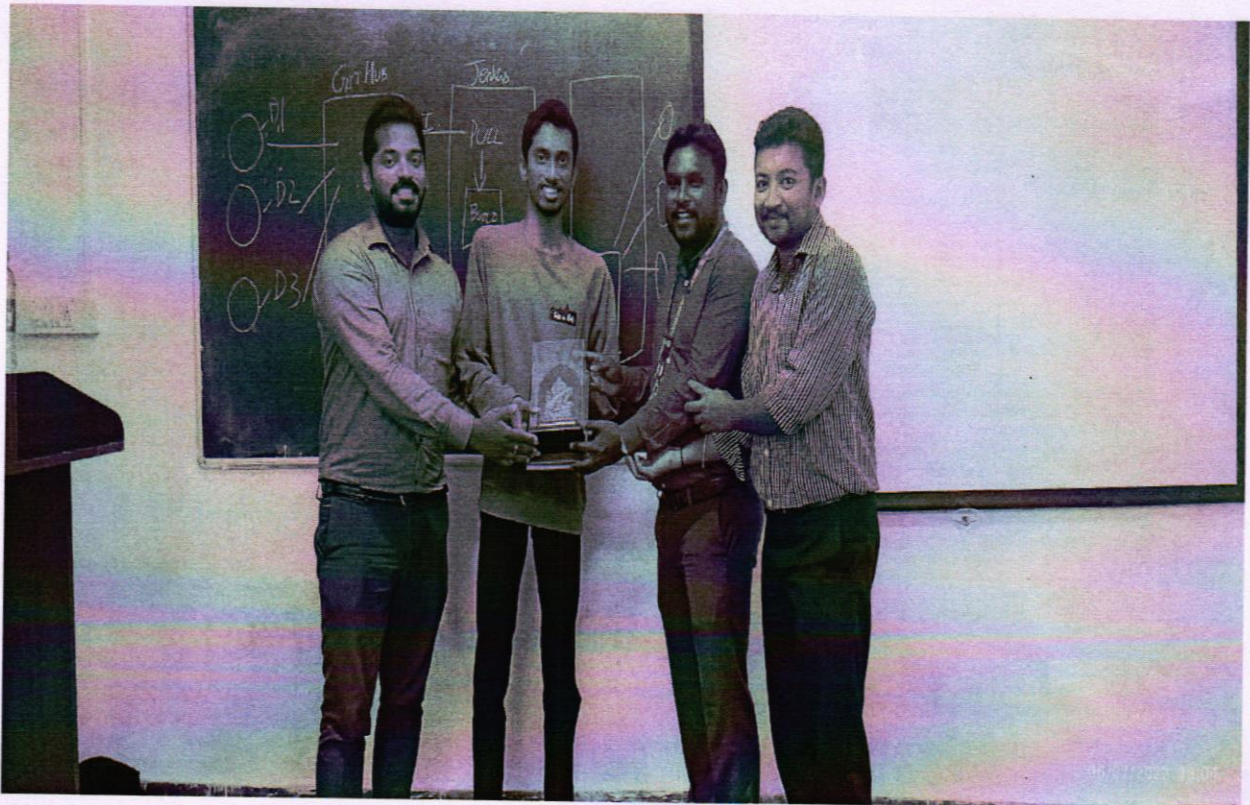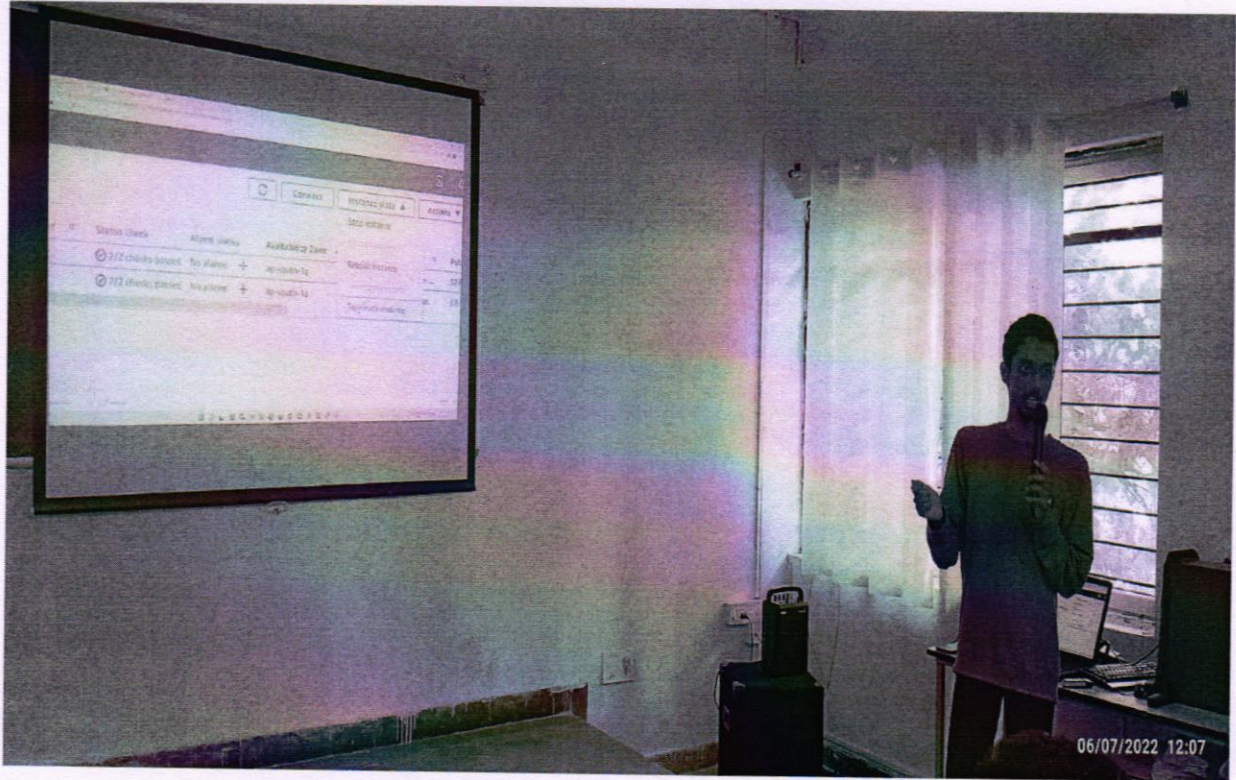
Felicitation to Resource Person Mr. Pramod B N by, Prof. Chethan M S, Prof. Kiran GM & Prof. Suthan R

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<u>STUDENT LIST</u>

Class: VI SEM CSE

SL No	USN	Student Name	Signature
1	1SV20CS001	ANUSHA B S	
2	1SV20CS002	ANUSHA R	
3	1SV20CS003	ASFA KHANUM	
4	1SV20CS004	ASHA	
5	1SV20CS005	ASHWINI S	
6	1SV20CS006	BORISH KONGBRAILATPAM	
7	1SV20CS007	DHEERAJ KUMAR P	
8	1SV20CS008	DIBESH SRESTHA	
9	1SV20CS009	EMILY LAURA	
10	1SV20CS010	G MALINGARAYA	
11	1SV20CS011	GIRISHA V	
12	1SV20CS012	H R ABHINANDAN	
13	1SV20CS013	HABIBULLA SADIK MULLA	
14	1SV20CS014	HARSHITHA T A	
15	1SV20CS015	JAHIDUL ISLAM	
16	1SV20CS016	JAYANTH D S	
17	1SV20CS017	KAVYA M	
18	1SV20CS018	KEERTHANA KUMBAR	
19	1SV20CS019	M P SHISHIER	
20	1SV20CS020	MADHURA SHREE M	
21	1SV20CS021	MAJMAANJUM	
22	1SV20CS022	MAMATHA K	
23	1SV20CS023	MANOJ KUMAR PATIL	
24	1SV20CS024	MANTESH H RANGARADDI	
25	1SV20CS025	MOHAMMED NABIL	
26	1SV20CS026	MOHAMMED OWAIS KHAN	
27	1SV20CS028	MONIKA A	
28	1SV20CS029	MYTHRI B N	
29	1SV20CS031	NAYANA D G	
30	1SV20CS032	NETHRA PRASAD D R	
31	1SV20CS033	PARTHA H R	
32	1SV20CS034	PUSHPRAJ	
33	1SV20CS035	RAHUL AJITH KUMBAR	
34	1SV20CS036	ROUSHANI BEGUM	
35	1SV20CS037	SADASHISH KUMAR BHOKTA	
36	1SV20CS038	SAGAR S K	
37	1SV20CS039	SANIYA SARDAR	

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39	1SV20CS041	SHAIK RABBANI	Shaik Rabbani
40	1SV20CS042	SHARIBA FIRDOSE	
41	1SV20CS045	SHRAVANAKUMARA T	Shravana
42	1SV20CS046	SIDHANT PANDIT	
43	1SV20CS047	SMRITI DEWANGAN	
44	1SV20CS048	SOUVIK KARAK	SouvikKarak
45	1SV20CS049	SRIKIRAN B	Srikiran. B
46	1SV20CS050	SUSHMITHA K	Sushmitha.K
47	1SV20CS051	TEJASHWINI R	Tejaswini.
48	1SV20CS052	TEJESHWAR T R	Tejeshwar
49	1SV20CS053	USHA B N	Usha BN
50	1SV20CS054	VAISHNAVI BHUSHAN	Vaishnavi Bh
51	1SV20CS055	VARSHITHA T N	Varshitha TN
52	1SV20CS056	VENKATESH DALAWAI	

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