



Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, approved by AICTE and affiliated to JNTUH)
Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. www.brecw.ac.in

Department of Information Technology

File No: BRECW/IT/AY22-23-EVEN/Guest Lecture/18-5

Date: 30/08/2023

Report on a Guest Lecture on “AWS Cloud”.

The IT department has conducted a guest lecture on “AWS Cloud” for I, II IT A and B students on 5th August 2023. A total of 266 students have participated in this guest lecture. The lecture was scheduled from 09:30 to 12:30 Hrs. It is conducted by Mr Durga Naveen Kandregula, Founder & CEO for COIGN Consultants Pvt Ltd).

Bhoj Reddy Engineering College for Women
(Sponsored by Sangam Laxmibai Vidyapeet, approved by AICTE & affiliated to JNTUH.)
Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad- 500 059 Telangana. www.brecw.ac.in

Department of Information Technology
Presents
A Guest Lecture on
“AWS Cloud”
By
Mr. Durga Naveen Kandregula,
(Founder & CEO for COIGN Consultants Pvt Ltd)

VENUE: Indoor Auditorium (Ramdev Block)
DATE & TIME: 05-08-2023, 10.00 - 12.30 (Hrs.)

Figure 1: Banner

The objective of the Workshop:

The purpose of the lecture was to educate attendees about Amazon Web Services (AWS) and its significance in the field of cloud computing. The guest speaker, Mr Durga Naveen Kandregula, explained basics of Cloud computing concepts and provided insights into the various AWS services, architecture, and best practices.

Focus of the Lecture:

- **Introduction to Cloud Computing:**
- **Introduction to AWS:**
 - The lecture began with an overview of AWS, highlighting its role as a leading cloud service provider. [Speaker's Name] explained how AWS offers a wide range of cloud computing services, including computing power, storage, and databases.
- **AWS Infrastructure and Architecture:**

- The speaker delved into the infrastructure and architecture of AWS, explaining the global data center network and how it contributes to the reliability and scalability of AWS services.

- **AWS Service Offerings:**

The lecture provided an in-depth look at various AWS services, including:

- **Compute Services:** EC2, Lambda, and Elastic Beanstalk.
- **Storage Services:** S3, EBS, and Glacier.
- **Database Services:** RDS, DynamoDB, and Redshift.
- **Networking Services:** VPC, Route 53, and CloudFront.
- **Machine Learning and AI Services:** SageMaker and Lex.

- **Security and Compliance:**

- The speaker emphasized the importance of security in the AWS cloud environment. Topics included Identity and Access Management (IAM), encryption, and compliance with industry regulations

- **Cost Management:**

- Attendees were educated on strategies to optimize costs in AWS, such as understanding pricing models, utilizing cost allocation tags, and leveraging AWS Cost Explorer.

- **Case Studies and Use Cases:**

- The lecture showcased real-world case studies and use cases, illustrating how organizations have successfully leveraged AWS to enhance their business operations, scalability, and efficiency.

- **Q&A Session:**

- The lecture concluded with an interactive Q&A session where attendees had the opportunity to ask questions and seek clarification on Cloud and AWS-related topics.

Conclusion: The guest lecture on AWS Cloud was informative and enlightening, providing attendees with valuable insights into the world of Cloud Computing and AWS and its various offerings. The speaker, Mr Durga Naveen Kandregula, effectively conveyed the significance of Cloud Computing and would like to enlighten the students on AWS in today's cloud computing landscape in future AWS Session/Lectures.

Some glimpses of the Lecture:

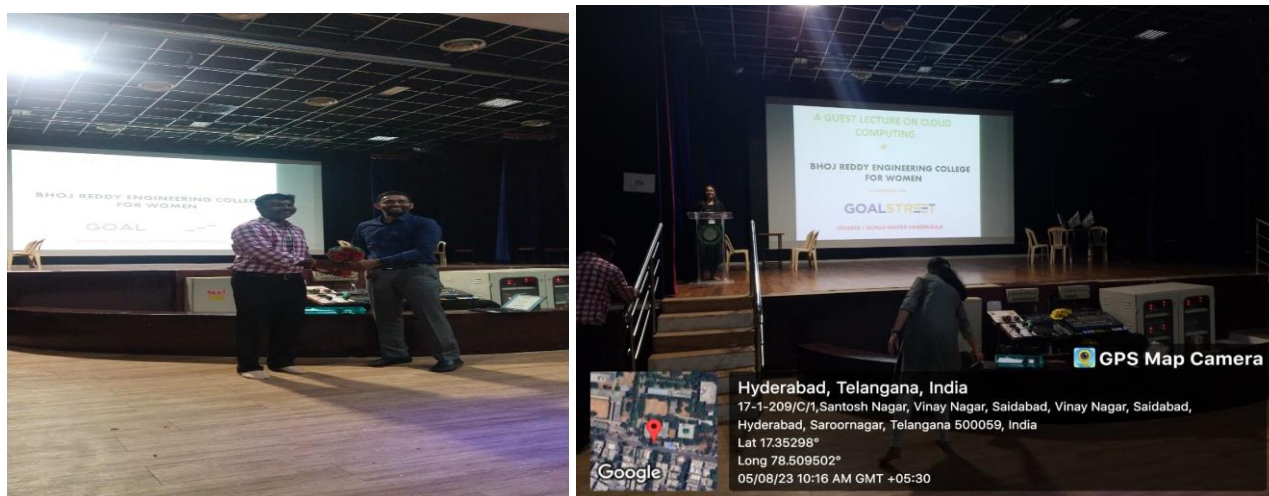


Figure 2: HoD-IT presenting Bouket to the speaker(Left) and Ms Ansika(student) presenting welcome note(Right).



Figure 3: Faculty of IT and students of I, II year A and B section are seen attending the session.



Figure 4: Audience

The IT department is really thankful to the speaker, Mr. Durga Naveen Kandregula for coming to the session and sharing his valuable knowledge. Also, a big thanks to BRECW Management for making the necessary arrangements in time to make this webinar a huge success.

Minhaj Begum
Seminars & Workshops In-charge

Dr C Murugamani
HoD-IT

Dr E Madhusudhana Reddy
Principal