SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
FACULTY OF SCIENCE & HUMANITIES
DEPARTMENT OF COMPUTER SCIENCE
AWS BOOTCAMP-ESSENTIAL SERVICES&ADVANCED PRACTICES

Faculty Coordinators: Dr.Ramesh.M, Dr.Revathi.S,

Date : 09.08.2024 & 12.08.24

Time : 9.30 am to 4.30 pm

Venue: Lab 404 , 4th Floor, FSH block

Collaborating Department: - NA

No. of Participants: 37

Event Name: AWS BOOTCAMP-ESSENTIAL SERVICES & ADVANCED PRACTICES

Objective of the Event :The objective of the AWS Bootcamp: Essential Services & Advanced Practices event is to provide participants with a comprehensive, hands-on learning experience focused on Amazon Web Services (AWS).

- **Introduce Core AWS Services: Familiarize participants with essential AWS services, including computing, storage, networking, and databases.**
- **Enhance Practical Skills: Offer hands-on labs and exercises to help attendees gain practical experience in deploying, managing, and optimizing AWS resources.**
- **Teach Advanced AWS Practices: Explore advanced AWS concepts, such as security, scalability, automation, and cost management, to equip participants with the knowledge to build and maintain robust cloud infrastructures.**
- **Prepare for AWS Certification: Provide foundational and advanced knowledge that will help participants prepare for AWS certification exams.**
- **Encourage Cloud Adoption: Promote the adoption of AWS services by demonstrating the benefits of cloud computing and how it can drive innovation and efficiency in businesses.**
- **Networking and Collaboration: Offer opportunities for participants to connect with AWS experts, peers, and industry professionals to share insights and best practices.**

This bootcamp is designed for both beginners and experienced professionals looking to deepen their understanding of AWS and enhance their cloud computing skills.

Brief Description about the Event: AWS Compute Service - EC2

This event focuses on key AWS Compute and Storage services, providing hands-on experience with Amazon EC2 and related AWS technologies. Participants will learn to:

- **SSH to EC2 Instance: Establish secure connections to EC2 instances, enabling remote management and configuration.**
- **Elastic Load Balancer & Application Load Balancer: Understand and implement load balancing strategies using AWS's Elastic Load Balancer (ELB) and Application Load Balancer (ALB) to distribute traffic efficiently across multiple instances.**

- **AWS Storage - EBS & EFS:** Explore Amazon's storage solutions, including Elastic Block Store (EBS) for persistent block storage and Elastic File System (EFS) for scalable file storage.
- **S3, RDS, Athena & Autoscaling:** Work with Amazon S3 for object storage, Amazon RDS for relational database management, and Amazon Athena for querying data in S3. Learn about autoscaling to maintain application availability by automatically adjusting capacity.
- **Auto Scaling:** Dive deeper into Auto Scaling, focusing on configuring scaling policies to ensure that applications can handle varying loads seamlessly.
- **AWS Glue:** Get introduced to AWS Glue, a fully managed ETL (Extract, Transform, Load) service that makes it easier to prepare and load data for analytics.

This event is designed to enhance your practical knowledge of AWS services, focusing on scalability, storage, and efficient resource management.
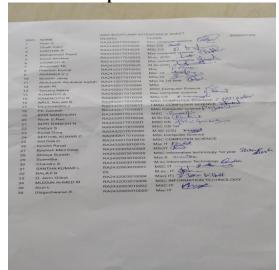
Event Banner :

Gallery:

Attendance Report:

Sample FeedBack Responses

8/12/2024 15:13:03	SHRI GANESH N	RA2432017010001	MSC CS	sn9603@srmist.edu.in	8825867829	Excellent	Very Relevant	Very Thoroughly	Very effective	Extremely valuable
8/12/2024 16:18:50	SANTHA KUMAR L	RA2432003010001	MSC IT	sl6654@srmist.edu	9629101335	Excellent	Very Relevant	Adequately	Very effective	Very valuable

Timestamp	Name	Reg No	Program	Email	Phone					
8/12/2024 16:19:04	Arun L	RA2432003010002	MSC-IT	al9188@srmist.edu.in	9042258996	Excellent	Very Relevant	Very Thoroughly	Effective	Extremely valuable
8/12/2024 16:20:28	Amalnath TK	RA2432017010025	Msc CS	at6506@srmit.edu.in	9544942543	Good	Somewhat relevant	Adequately	Effective	Very valuable
8/12/2024 19:23:29	ARUL BALAN S	RA2432017010054	MSC COMPUTER SCIENCE	as8244@srmist.edu.in	6380119757	Excellent	Very Relevant	Very Thoroughly	Very effective	Extremely valuable
8/12/2024 20:38:11	Anitha	RA2131005010010	M.sc	ad7252@srmist.edu.in	9345140962	Good	Somewhat relevant	Not at all	Somewhat effective	Very valuable
8/12/2024 21:03:58	Praveen Kumar Patnaik	RA2432017010052	Msc - Computer Science	pp6065@srmist.edu.in	9573869550	Good	Very Relevant	Adequately	Very effective	Very valuable
8/12/2024 22:02:33	KANIMOZHI R	RA2432017010026	MSC Computer Science	kani5787652@gmail.com	9342100170	Excellent	Somewhat relevant	Adequately	Very effective	Very valuable
8/13/2024 9:30:46	Shafii Zakari	RA2432017010005	Msc CS	Shafse1.sz@gmail.com	8015489123	Excellent	Very Relevant	Adequately	Effective	Very valuable