



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI

(A Project of Marudhar Kesari Jain Trust)



Recognized u/s 2(f) & 12(B) by UGC Act 1956 - Permanently Affiliated to Thiruvalluvar University

Re-Accredited with "A" Grade by NAAC (3rd Cycle) - An ISO 21001:2018 Certified Institution

PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE ORGANIZED

**ONE WEEK NATIONAL LEVEL FDP ON
"CLOUD INFRASTRUCTURE"-21.08.2023-25.08.2023**

INVITATION



**MARUDHAR KESARI JAIN COLLEGE FOR WOMEN,
VANIYAMBADI**
(A Project of Sri Marudhar Kesari Jain Trust)
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**ONE WEEK NATIONAL LEVEL
FACULTY DEVELOPMENT PROGRAM
ON CLOUD INFRASTRUCTURE**
"Unlock Your Potential with AWS FDP: Empowering Faculty for Future Success!"

ORGANIZED BY
PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE &
PG DEPARTMENT OF COMPUTER APPLICATIONS
In Association with



**BRAIN O
VISION**
Brain O Vision Solutions India Pvt. Ltd.



AICTE
Approved by the Government of India



Ministry of Education
Government of India



Chief Guest
Dr Buddha Chandrashekhar
Chief Coordinating Officer - All India Council of Technical Education

 **21st to 25th, August 2023**
 **07:00 PM to 08:00 PM**

PARTICIPATION CERTIFICATE WILL BE PROVIDED
Approved by AICTE, HOST College and Brainvision Solutions India Pvt Ltd

Register Now ~~999/-~~ Rs.09/-

<https://rzp.io/l/zdCePf8s>



Sri. C. Lickmichand Jain Secretary	Dr. M. Inbavalli Principal	Ms.S.Abirami Convenor	Dr.K.Priya Convenor
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Vaniyambadi - 635 751

AGENDA



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI



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Marudhar Nagar, Chinnakallupalli, Vaniyambadi –635751, Tirupattur District.

Title: National Level 1 Week Faculty Development Program on Cloud Infrastructure (AWS)

Dates: August 21st - 25th, 2023

Time: 7:00 pm - 8:00 pm

Agenda

1. Prayer Song: Ganapathi Song
2. Program Introduction
3. About Brainovision
4. Introduction about Colleges
5. About AICTE & Chief Guest
6. Chief Guest Speech
7. Brainovision CEO Introduction
8. Brainovision CEO Speech
9. Instructions of FDP
10. About Resource Person
11. AWS Introduction Session
12. About Mega Internship Fest
13. Doubts & Feedback Form Filling Process
14. Vote of Thanks


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PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE ORGANIZED
ONE WEEK NATIONAL LEVEL FDP ON "CLOUD INFRASTRUCTURE"-
21.08.2023 to 25.08.2023

REPORT

A report on One Week National Level FDP Collaborate with Brain O Vision, AICTE, Ministry of Education & PG and Research Department of Computer Science and PG Department of Computer Applications on the topic "Cloud Infrastructure with AWS". The Chief Guest of this Programme was Dr. Buddha Chandrasekhar., Chief Coordinating Officer-AICTE.

Day 1 - Introduction to AWS and Cloud Computing

Day 1 was dedicated to laying a strong foundation by introducing participants to the world of AWS and cloud computing. Topics covered included the essence of AWS, the concept of cloud computing, its significance in modern technology, and a glimpse into the companies harnessing AWS to revolutionize their operations.

Day 2 - AWS Services and Global Infrastructure

Day 2 explore deeper into AWS, providing an overview of its diverse array of services. Participants gained insights into the expansive global infrastructure that AWS offers, appreciating its role in driving efficiency and scalability for business. Furthermore, an introduction to AWS pricing underscored the importance of understanding the economic implications of utilizing AWS services.

Day 3 - Amazon EC2 and Instance Creation

The third day was dedicated to a comprehensive exploration of Amazon Elastic Compute Cloud (EC2) and instance creation. Participants explore into the essence of EC2, its relevance in cloud computing, and its various features. The significance of different Unix and Linux flavors was discussed, alongside essential AWS terminology. Practical guidance was provided on creating Windows and Linux instances, emphasizing connection methods and the use of key pairs and security groups.

Day 4 - Load Balancing and Web Server Basics

The fourth day witnessed an in-depth examination of load balancing and web server fundamentals. Participants explore into the concept of a load balancer, comprehending its role and importance. Practical guidance was offered on creating a load balancer, exemplifying its purpose through demonstrations. The day further explore into web servers, introducing Linux commands and demonstrating how to launch a web server using Bash.

Day 5 - Auto Scaling and Instance Management

The final day of the program explored critical aspects of auto scaling and instance management. Participants understood the significance of Auto Scaling Groups (ASG) and its implications for optimizing performance. Practical insights were provided on creating a launch template and ASG, and the importance of status checks and protection from accidental termination was emphasized. Encryption in AWS was also covered, alongside the principles of scaling in and out, and scaling up and down. Participants gained a comprehensive understanding of different volume types and their use cases, including attaching and detaching volumes, copying AMIs, and snapshots.

As the first day concluded, the participants were left with a rich trove of insights into the world of Amazon Web Services and cloud infrastructure. The inspiring presence of esteemed guests, the expertise shared, and the dedication to knowledge enhancement set the stage for an enlightening week ahead. With gratitude for the past and enthusiasm for the future, the National Level 1 Week Faculty Development Program on Cloud Infrastructure (AWS) embarked on a transformative journey of learning and growth.



Head of the Department



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PHOTOS

Types of cloud services

CLOUD COMPUTING

CLOUD DEPLOYMENT MODELS

SERVICE MODEL

IaaS Infrastructure as a Service
amazon web services, Microsoft Azure

PaaS Platform as a Service
GitHub

SaaS Software as a Service
Gmail, Office 365

FaaS Function as a Service
AWS Lambda, kubernetes

Hybrid cloud, and a community cloud, and the service

FACULTY DEVELOPMENT PROGRAM ON CLOUD INFRASTRUCTURE (AWS) - DAY 1

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Bharati Koli - Good Evening

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Anuradha Badage - good evening

Satishkala Kanniyappan - customer logos

MO IMTIYAZ ALI - or audios or videos are example of web content

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Jansi Sophia Mary C - request sent to the server

Suhail Afroz - request is raised

Pushpa Joshi - moving on different web pages

Dr. Maharanjan Kari - A request is sent to the server

KALPANA P COMPUTER SCIENCE (YESHWANTHPUR) - Links to the corresponding site

Ashok Duvvuru - Good Evening

vinay kumar - web page information

M. K. K.
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