

Event -Activity Report

Academic Year –June 2019

Session: 2018-2019

Name of Event: “AWS Academy Cloud Foundation”

Type of Event: Internship

Date of Event: 24th June 2019

Topic: Cloud Computing

Organizing Dept.:CSE

Name of Partner :AWS ACADMEY

Name of Trainer: Mrs.Veena Khandelwal

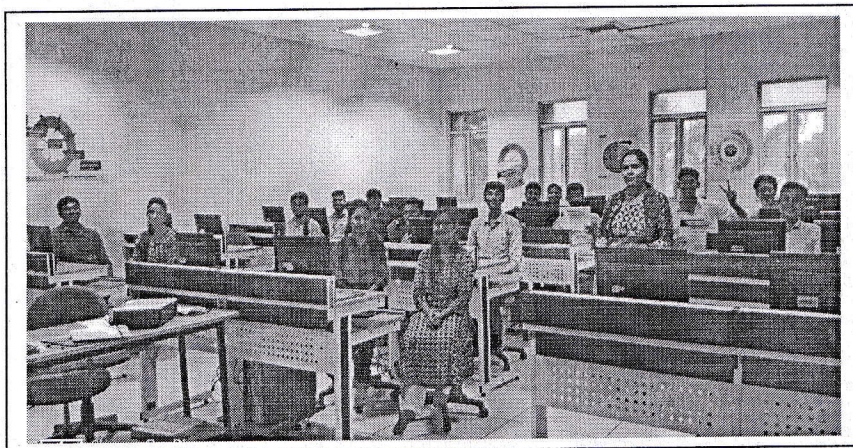
Contact No.:9413350811

Email Id: veena.khandelwal@gmail.com

Details of Participants:

| No. of Institutes Participated | No. of Students Participated | No. of Industry Representative | Remark if any |
|--------------------------------|------------------------------|--------------------------------|---------------|
| 1 | 33 | NA | NA |

Summary Report:



Department of CSE and AWS Academy of IIST organize Internship on “AWS Academy Cloud Foundation” course for all the 3rd and 4th year students. The training was started from 24 June 2019 at 9:30 AM with the introduction of cloud Computing and future scopes in carrier development, the Cloud Computing technology and Cloud platforms, critical roles in helping businesses react to the current crisis as they enable operational resiliency and provide necessary work from home tools. This executive summary provides insight into cloud computing research



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– outlining cloud computing trends among technology decision-makers, specifically their use, goals, and challenges with multi-cloud as well as their adoption of cloud-native technologies all Course content of all modules of “AWS Academy Cloud Foundation” course and module scheduled, here Mrs Veena Khandelwal was trainer she was AWS certified and expert on cloud computing .students will completed our labs in AWS virtual Environment, after 15 days (60hour training) students got completion certification.

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)



HOD




Principal



DATE:10/6/2019

Approval Letter

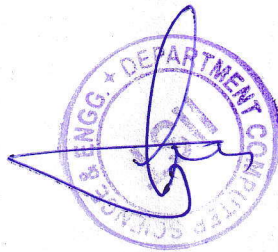
Department of CSE and AWS Academy is interested to organize 60 hours internship on "AWS Academy Cloud Foundation" from 24 June 2019. All the IIIrd year and IVth year students of IIST will have to participate actively in this internship.

Kindly approve for organizing the internship.



Faculty Coordinator

Ms Alpana Meena



V. K. V. V.

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DATE:11/6/2019

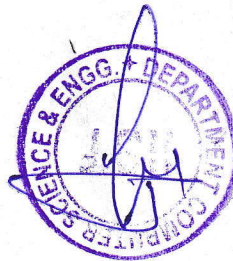
NOTICE

This is to inform you that department of CSE and AWS Academy is going to organize internship "AWS Academy Cloud Foundation" is going to start from 24 June 2019. All the IIIrd year and IVth year students of IIST will have to participate actively in this internship.

To register for this event kindly contact to following coordinator.


Faculty Coordinator:

Ms Alpana Meena
9893418921

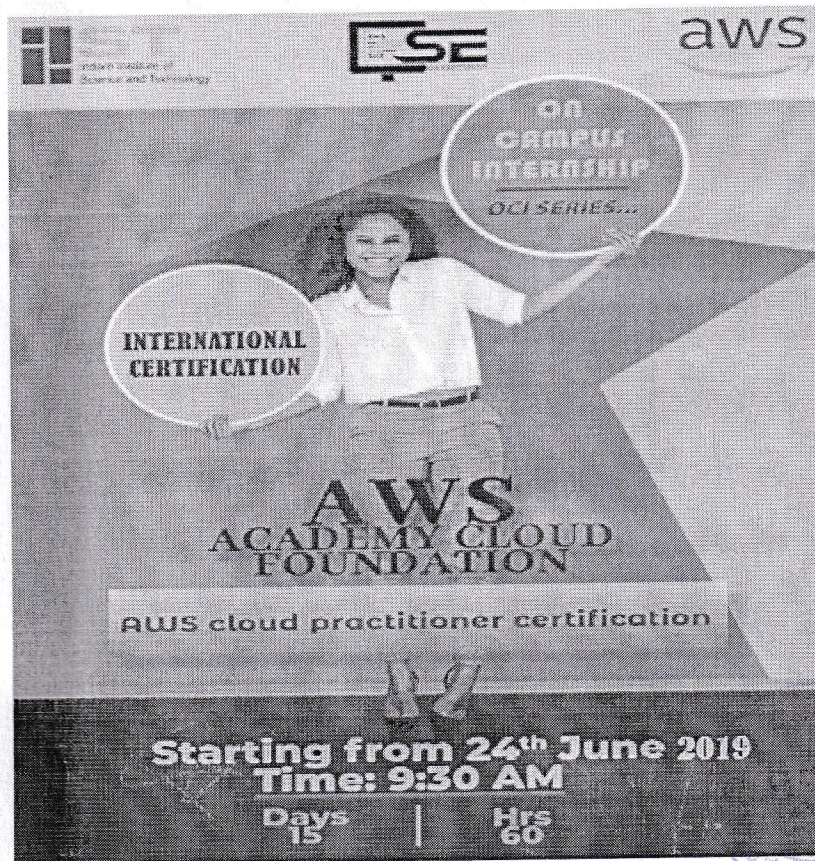


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Brochure: AWS Academy Cloud Foundation



Faculty Coordinator:

Ms Alpna Meena

Name of Trainner: Mr.Veena Khandelwal

Event: AWS Academy Cloud Foundation

Date: 29 June 2019

Objective:

AWS Certified Cloud Practitioner internship was conducted by the In-house faculty Mrs. Veena Kandelwal (Certified in AWS Practitioner). The Objective of this internship was to enable students demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles addressed by other AWS Certifications. The training covered 7 modules and 6 Labs as listed below:

Course Content: AWS Cloud Practitioner Certification

AWS Cloud Practitioner

AWS Cloud Practitioner Essentials: Introduction

AWS Cloud Concepts Essentials

- Introduction to the Cloud
- Introduction to the AWS Cloud

AWS Core Services Essentials

- Overview of Services and Categories
- Introduction to the AWS Global Infrastructure
- Introduction to Amazon VPC
- Introduction to Security Groups
- Introduction to Compute Services
- Introduction to AWS Storage Services
- Introduction to AWS Database Solutions

AWS Security Essentials

- Introduction to AWS Security
- The AWS Shared Responsibility Model
- AWS Access Control and Management
- AWS Security Compliance Programs
- AWS Security Resources

AWS Architecting Essentials

- Introduction to the Well-Architected Framework
- Reference Architecture: Fault Tolerance and High Availability
- Reference Architecture: Web Hosting

AWS Pricing and Support Essentials

- Fundamentals of Pricing
- Pricing Details
- The TCO Calculator Overview
- AWS Support Plans Overview

AWS Cloud Practitioner Essentials: Bonus Materials



- Supplementary videos that enhance concepts learned in the content modules of this course
AWS Cloud Practitioner Essentials: Course Summary

Event: "AWS Academy Cloud Foundation"

Mapping with PO, PSO and PEO:

1. Making a business plan for Cloud.
2. Cloud Computing and performance improvement and designing the right implementation strategy.
3. The available options (software / platform / infrastructure as a service).

| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO1 0 | PO1 1 | PO1 2 | PSO 1 | PSO 2 | PSO 3 |
|----|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| O1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| O2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 02 | 0 |
| O3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

PROGRAMME OUTCOMES

PO 1 Apply the knowledge of mathematics, science and engineering fundamentals for the solution of computer science and engineering problems.

PO 2 Ability to identify, formulate and analyze the complex engineering problems

PO 3 Ability to design and develop the computer based systems to meet desired needs within realistic constraints such as public health and safety, environmental, agriculture, economic and societal considerations

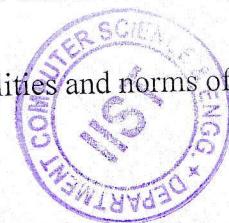
PO 4 Ability to demonstrate with excellent programming, analytical, logical and problem solving skills

PO 5 Ability to use the emerging technologies, skills, and modern software tools to design, develop, test and debug the programs or software

PO 6 Ability to include and solve the social, cultural, ethical issues with computer science and engineering solutions

PO 7 Ability to design and develop web based solutions with effective graphical user interface for the need of sustainable development

PO 8 Apply ethical principles and commit to professional ethics and responsibilities and norms of the computer science and engineering practices.



PO 9 Ability to work individually and as a member or leader in diverse teams to accomplish a common goal.

PO 10 Ability to communicate effectively in both verbal and written forms with engineering community and society

PO 11 Knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team to manage the software and IT based projects in multidisciplinary environments.

PO 12 Appreciation of technological change and the need for independent life-long learning

PROGRAM SPECIFIC OUTCOMES (PSO'S)

A graduate of the Computer Science and Engineering Program will demonstrate:

PSO 1: Computer Science Specific Skills: The ability to identify, analyze and design solutions for complex engineering problems in multidisciplinary areas by understanding the core principles and concepts of computer science and thereby engage in national grand challenges.

PSO 2: Programming and Software Development Skills: The ability to acquire programming efficiency by designing algorithms and applying standard practices in software project development to deliver quality software products meeting the demands of the industry.

PSO 3: Professional Skills: The ability to apply the fundamentals of computer science in competitive research and to develop innovative products to meet the societal needs thereby evolving as an eminent researcher and entrepreneur.

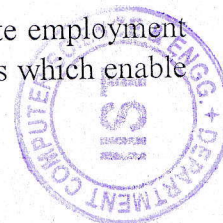
PROGRAMME EDUCATIONAL OBJECTIVES (PEO'S)

PEO 1: To provide students with a solid foundation in mathematics, computer science and engineering, basic science fundamentals required to solve the computing problems.

PEO 2: To expose students to latest computing technologies and software tools, so that they can comprehend, analyze, design and create innovative computing products and solutions for real life problems.

PEO 3: To inculcate in students multi-disciplinary approach, professional attitude and ethics, communication and teamwork skills, and ability to relate computer engineering issues with social awareness.

PEO 4: To develop professional skills in students that prepare them for immediate employment and for life-long learning in advanced areas of computer science and related fields which enable them to be successful entrepreneurs.

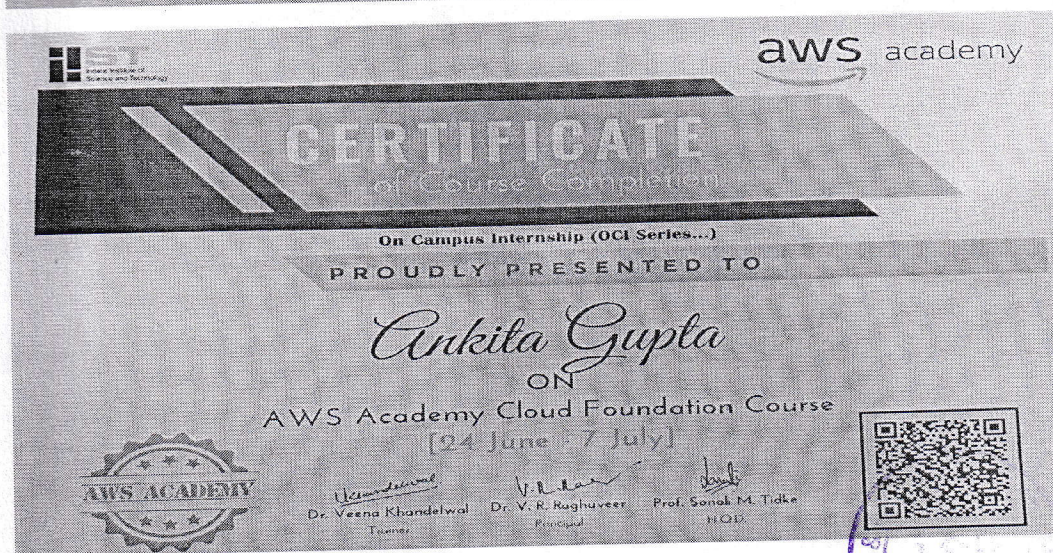
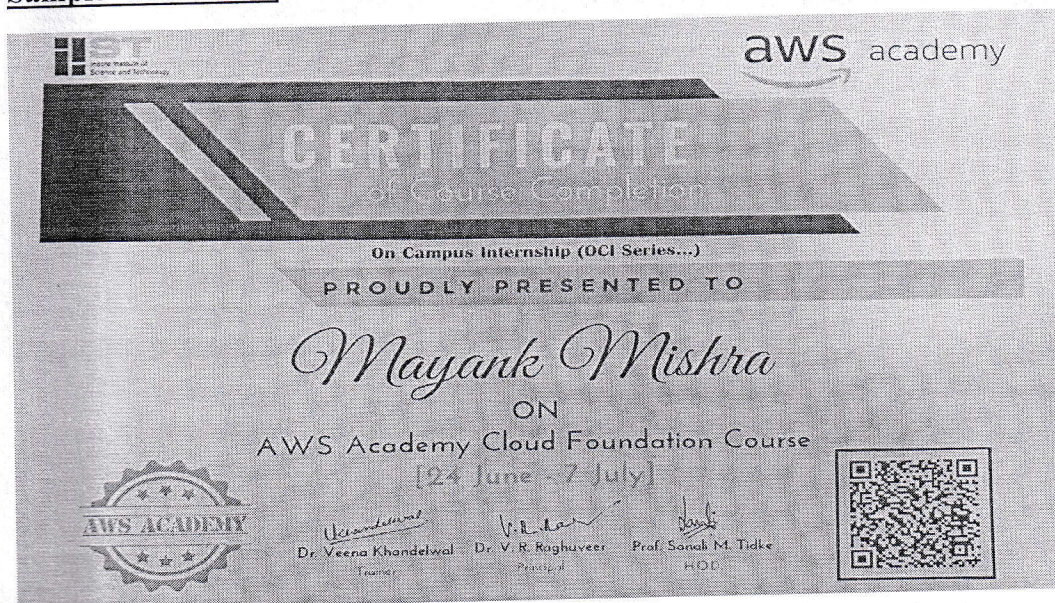


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Event: "AWS Academy Cloud Foundation"

Sample Certificate:



Faculty Coordinator:



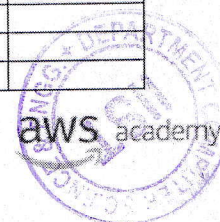
Course Outline

AWS Academy Cloud Foundations (ACF)

Course Contents

Digital training materials cover the same content as the lectures. It is not necessary to use both.

| | | Lecture | Activity | Total |
|--|-------------------------------------|---------|----------|----------|
| Course Introduction | | 35 min. | | 35 min. |
| Lecture or Video | Introduction | | | |
| Module 1: Cloud Concepts Overview | | 45 mins | 15 mins | 60 min. |
| Lecture or Video | Introduction to Cloud Computing | | | |
| Lecture or Video | Advantages of the Cloud | | | |
| Lecture or Video | Introduction to AWS | | | |
| Lecture or Video | Moving to the AWS Cloud | | | |
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 mins | |
| Knowledge Check | Cloud Concepts | | 10 mins | |
| Module 2: Cloud Economics and Billing | | 45 min. | 55 min. | 100 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | Fundamentals of Pricing | | | |
| Lecture or Video | Total Cost of Ownership | | | |
| Activity | Simple Monthly Calculator | | 20 min. | |
| Lecture or Video | Delaware North Case Study | | | |
| Lecture or Video | AWS Organizations | | | |
| Lecture or Video | AWS Billing and Cost Management | | | |
| Educator Demo | Billing Dashboard | | 10 min. | |
| Lecture or Video | Technical Support Models | | | |
| Activity | Support Plan Scavenger Hunt | | 10 min. | |
| Lecture or Video | Wrap-Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | Cloud Billing Economics | | 10 min. | |
| Module 3: AWS Global Infrastructure Overview | | 25 min. | 45 min. | 70 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | AWS Global Infrastructure | | | |
| Educator Demo | AWS Global Infrastructure | | 10 min. | |
| Lecture or Video | AWS Services and Service Categories | | | |
| Activity | AWS Management Console Clickthrough | | 20 min. | |
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | AWS Infrastructure | | 10 min. | |
| Module 4: Cloud Security | | 45 min. | 70 min. | 115 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | AWS Shared Responsibility Model | | | |
| Activity | AWS Shared Responsibility Model | | 10 min. | |
| Lecture or Video | AWS IAM | | | |
| Video Demo | AWS IAM Console Demonstration | | 5 min. | |
| Lecture or Video | Securing a New AWS Account | | | |
| Lab Exercise | Introduction to AWS IAM | | 40 min. | |
| Lecture or Video | Securing Accounts | | | |
| Lecture or Video | Securing Data | | | |
| Lecture or Video | Working to Ensure Compliance | | | |

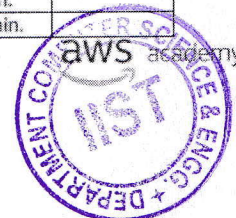


Course Outline

AWS Academy Cloud Foundations (ACF)

| | | | | |
|---|--|---------|----------|----------|
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | Cloud Security | | 10 min. | |
| Module 5: Networking and Content Delivery | | 60 min. | 70 min. | 130 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | Networking Basics | | | |
| Lecture or Video | Amazon VPC | | | |
| Lecture or Video | VPC Networking | | | |
| Activity | Label This Diagram | | 5 min. | |
| Video Demo | Amazon VPC Console Demonstration | | 5 min. | |
| Lecture or Video | VPC Security | | | |
| Activity | Design a VPC | | 15 min. | |
| Lab Exercise | Build a VPC and Launch a Web Server | | 30 min. | |
| Lecture or Video | Route 53 | | | |
| Lecture or Video | CloudFront | | | |
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | VPC | | 10 min. | |
| Module 6: Compute | | 80 min. | 145 min. | 225 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | Compute Services Overview | | | |
| Lecture or Video | Amazon EC2 Part 1 | | | |
| Lecture or Video | Amazon EC2 Part 2 | | | |
| Lecture or Video | Amazon EC2 Part 3 | | | |
| Video Demo | Amazon EC2 | | 5 min. | |
| Lab Exercise | Introduction to Amazon EC2 | | 35 min. | |
| Activity | Amazon EC2 versus Managed Services | | 30 min. | |
| Video Demo | Amazon EC2 Part Console Demonstration | | | |
| Lecture or Video | Amazon EC2 Cost Optimization | | | |
| Lecture or Video | Container Services | | | |
| Lecture or Video | Introduction to AWS Lambda | | | |
| Activity | AWS Lambda | | 30 min. | |
| Lecture or Video | Introduction to AWS Elastic Beanstalk | | | |
| Activity | AWS Elastic Beanstalk | | 30 min. | |
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | Amazon Virtual Private Cloud | | 10 min. | |
| Module 7: Storage | | 45 min. | 85 min. | 130 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | AWS EBS | | | |
| Video Demo | Amazon Elastic Block Store Console Demonstration | | 5 min. | |
| Lab Exercise | Working with EBS | | 30 min. | |
| Lecture or Video | AWS S3 | | | |
| Video Demo | AWS S3 Console Demonstration | | 5 min. | |
| Lecture or Video | AWS EFS | | | |
| Video Demo | AWS EFS Console Demonstration | | 5 min. | |
| Lecture or Video | AWS S3 Glacier | | | |
| Video Demo | AWS S3 Glacier Console Demonstration | | 5 min. | |
| Activity | Storage Technology Selection | | 20 min. | |

Faculty Coordinator:



Indore Institute of Science and Technology

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Name of the event – “AWS Academy Cloud Foundation “

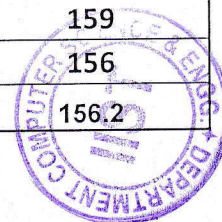
Date – 24/06/2019

| Feedback Summary | | | | | | | | |
|------------------|------|-----|---|---|---|---|-------|-------|
| | 5 | 4 | 3 | 2 | 1 | 0 | COUNT | TOTAL |
| Q-1 | 29 | 4 | 0 | 0 | 0 | 0 | 33 | 161 |
| Q-2 | 28 | 5 | 0 | 0 | 0 | 0 | 33 | 160 |
| Q-3 | 29 | 4 | 0 | 0 | 0 | 0 | 33 | 161 |
| Q-4 | 25 | 5 | 2 | 0 | 0 | 0 | 33 | 151 |
| Q-5 | 23 | 6 | 4 | 0 | 0 | 0 | 33 | 151 |
| Q-6 | 29 | 3 | 1 | 0 | 0 | 0 | 33 | 160 |
| Q-7 | 24 | 5 | 4 | 0 | 0 | 0 | 33 | 152 |
| Q-8 | 23 | 6 | 4 | 0 | 0 | 0 | 33 | 151 |
| Q-9 | 29 | 2 | 2 | 0 | 0 | 0 | 33 | 159 |
| Q-10 | 27 | 3 | 3 | 0 | 0 | 0 | 33 | 156 |
| AVG | 26.6 | 4.3 | 2 | 0 | 0 | 0 | 33 | 156.2 |



Faculty Coordinator

Ms Alpana Meena



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Dates

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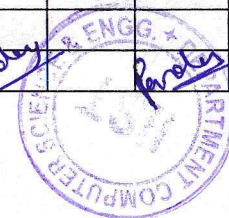
Indore Institute of Science and Technology

AWS Academy Cloud Foundation

Dates

| | | | | | | | | | | | | | | | |
|----|--------------|----------------------|-------------------|-------------------|-------------------|-------------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 26 | 0818CS161046 | Apoorva Tiwari | A | A | | A | A | A | A | | | A | | A | A |
| 27 | 0818CS161049 | Aradhya Sharma | | | | | | | | | | | | | |
| 28 | 0818CS161155 | Praveen Pandey | PP | PP | | PP | PP | PP | PP | PP | PP | PP | | PP | PP |
| 29 | 0818CS161156 | Saurabh Patidar | | | | | | | | | | | | | |
| 30 | 0818CS161054 | Ashish Yadav | A.Yadav | | A.Yadav | A.Yadav | A.Yadav | A.Yadav | | A.Yadav | A.Yadav | A.Yadav | A.Yadav | A.Yadav | A.Yadav |
| 31 | 0818CS161066 | Bhawan Singh Solanki | | | | | | | | | | | | | |
| 32 | 0818CS161023 | Aditya Patidar | Pandey | | | | | | | | | | | | |
| 33 | 0818CS161155 | Pawan Pandey | Pandey | Pandey | Pandey | Pandey | | Pandey | Pandey | Pandey | Pandey | Pandey | Pandey | Pandey | Pandey |

Coordinator:

Event -Activity Report

Academic Year –Dec 2018

Session: 2018-2019

Name of Event: AWS Cloud Practitioner Course

Type: Certification

Date of Event: 8-Dec-2018

Topic: Cloud Computing

Organizing Dept.:CSE

Name of Partner :AWS ACADMEY

Name of Trainer :Mrs Veena Khandelwal

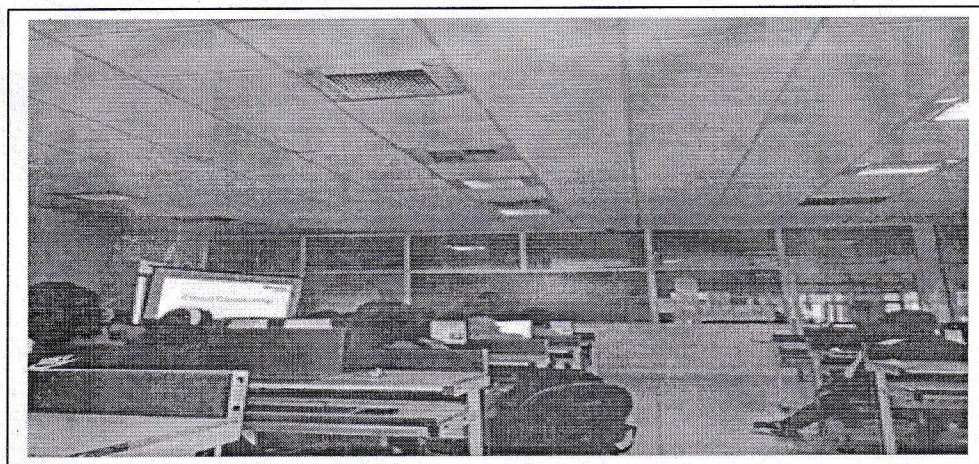
Contact No.:9413350811

Email Id: veena.khandelwal@indoreinstitute.com

Details of Participants:

| No. of Institutes Participated | No. of Students Participated | No. of Industry Representative | Remark if any |
|--------------------------------|------------------------------|--------------------------------|---------------|
| 1 | 40 | NA | NA |

Summary :



AWS Academy with CSE department organize Certification course on “AWS Cloud Practitioner Course ” for all the 3rd and 4th year students of IIST. Course was started from 8/12/18 at 10:00PM onward ,the trainer start the aws course with the introduction of cloud Computing and future scopes and carrier development in Cloud Computing technology and Cloud platforms, This executive summary provides insight into cloud computing research – outlining cloud computing trends among technology decision-makers, specifically their use, goals, and challenges with multi-cloud as well as their adoption of cloud-native technologies all Couse

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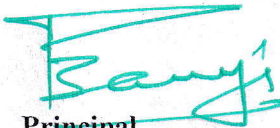
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content of all modules of **AWS Cloud Practitioner Course** schedule, here Mrs Veena Khandelwal was trainer she was AWS certified and expert on cloud computing .this training was running 8 days from 10:00a.m to 12:00p.m and after lunch 12:30 to 3:00pm.students will completed our labs in AWS virtual Environment, after 8 days training students got completion certification .

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)

HOD


Principal

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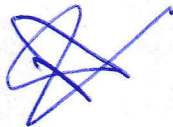
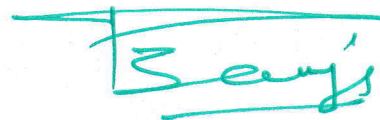
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DATE:1/12/2018

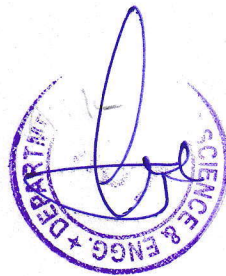
Approval Letter

AWS Academy with CSE department want to organize the Certification course "AWS Cloud Practitioner Course" is going to start from 8 Dec 2018. All the IIIrd year and IVth year students of IIST will have to participate actively. The training will be organized in every Saturday from 10:00AM to onward.

Kindly approve for organizing the training.



Faculty Coordinator



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DATE:4/12/2018

NOTICE

This is to inform you that AWS Academy with CSE department is going to organize “AWS Cloud Practitioner Course” is starting from 8th Dec 2018. All the IIIrd year and IVth year will have to participate actively in this Certification program. The training will be organized in every Saturday from 10:00AM to Onward

To register for this event kindly contact to following coordinator.




Faculty Coordinator



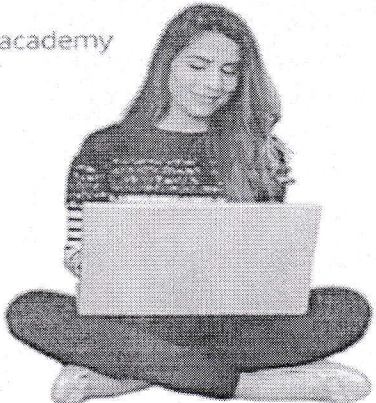

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Brochure: "AWS Cloud Practitioner Course"



Indore Institute of Science and Technology
Department of Computer Science and engineering



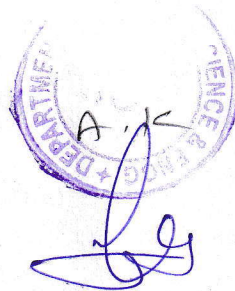
**On Campus
Internship
OCI Series...**

Starting From
8 Dec 2018
10:00am Onward(On Every Saturday)

aws training and
certification

Faculty Coordinator: Mrs. Alpana Meena
9893418921



Faculty Coordinator



Indore Institute of Science and Technology

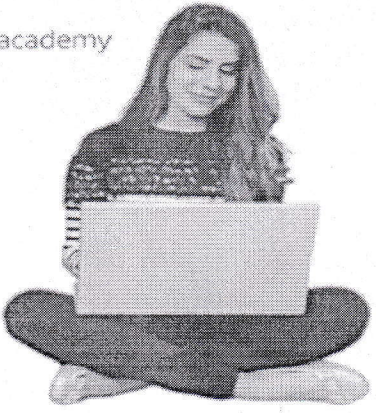

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Brochure: "AWS Cloud Practitioner Course"



Indore Institute of Science and Technology


Department of Computer Science and engineering




**On Campus
Internship
OCI Series...**

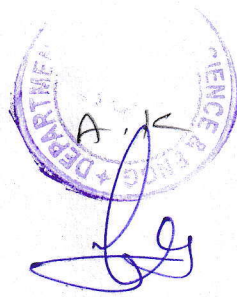
Starting From
8 Dec 2018
10:00am Onward (On Every Saturday)

Faculty Coordinators: Mrs. Alpana Meena
9895418921



training and
certification


Faculty Coordinator



Event: AWS Cloud Practitioner Course

Date: 8th Dec 2018

Time: 10:00am Onward

Objective:

AWS Certified Cloud Practitioner training was conducted by the Institute faculty Mrs. Veena Kandelwal (Certified in AWS Practitioner). The Objective of this internship was to enable students demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles addressed by other AWS Certifications. The training covered 7 modules and 6 Labs as listed below:

The purpose of this module is to introduce the AWS Academy Cloud Foundations course to students.

At the end of this module, students should be able to:

- Recognize the purpose of Academy Cloud Foundations
- Recognize the course structure
- Recognize the AWS certification process
- Navigate the AWS Documentation website

Module 1: Cloud Concepts Overview

The purpose of this module is to introduce students to cloud computing, Amazon Web Services (AWS),

and what AWS offers.

At the end of this module, students should be able to:

- Define different types of cloud computing models
- Describe six advantages of cloud computing
- Recognize the main AWS service categories and core services
- Review the AWS Cloud Adoption Framework (AWS CAF)

Module 2: Cloud Economics and Billing

The purpose of this module is to introduce students to the business advantages for moving to the cloud. The module begins by explaining the pricing philosophy of AWS and the overall concept of Total

Cost of Ownership. These concepts are important for your students to understand because they might

need to rely on them in their careers as cloud practitioners.

After providing this conceptual foundation, the module describes the following tools that are available

for understanding and explaining the costs for running AWS services:



- AWS TCO Calculator
- AWS Simple Monthly Calculator
- AWS Organizations
- AWS Billing Dashboard

At the end of this module, students should be able to:

- Explain the AWS pricing philosophy
- Recognize fundamental pricing characteristics
- Indicate the elements of the Total Cost of Ownership
- Discuss the results of the Simple Monthly Calculator
 - Identify how to set up an organizational structure that simplifies billing and account visibility
- Identify the functionality in the AWS Billing Dashboard
- Describe how to use AWS Billing, AWS Cost Explorer, AWS Budgets, and AWS Cost and Usage Reports
- Identify the various AWS technical support plans and their costs

Course Outline

AWS Academy Cloud Foundations

8 aws.amazon.com/training/awsacademy 2020-02-03

Module 3: AWS Global Infrastructure Overview

The purpose of this module is to introduce the Amazon Web Services (AWS) Global Infrastructure.

At the end of this module, students should be able to:

- Identify the difference between AWS Regions, Availability Zones, and edge locations
- Identify AWS services and service categories

Module 4: AWS Cloud Security

The purpose of this module is to provide an introduction to the AWS approach to security. This module

includes the controls in the AWS environment, and some of the AWS products and features that customers can use to meet their security objectives.

At the end of this module, students should be able to:

- Recognize the shared responsibility model
- Identify the responsibility of the customer and AWS
- Recognize IAM users, groups, and roles
- Describe different types of security credentials in IAM
- Identify the steps to securing a new AWS account
- Explore IAM users and groups



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- Recognize how to secure AWS data
- Recognize AWS compliance programs

Module 5: Networking and Content Delivery

The purpose of this module is to introduce students to three fundamental AWS networking and content delivery services: Amazon Virtual Private Cloud (Amazon VPC), Amazon Route 53, and Amazon

CloudFront. Students will have the opportunity to label a virtual private cloud (VPC) network architecture diagram, design a VPC, watch how a VPC is built, and finally build a VPC themselves.

At the end of this module, students should be able to:

- Recognize the basics of networking
- Describe virtual networking in the cloud with Amazon VPC
- Label a network diagram
- Design a basic VPC architecture
- Indicate the steps to build a VPC
- Identify security groups
- Create their own VPC and add additional components to it to produce a customized network
- Identify the fundamentals of Amazon Route 53
- Recognize the benefits of Amazon CloudFront



Syllabus: AWS Cloud Practitioner

- AWS Cloud Practitioner Essentials: Introduction
- AWS Cloud Concepts Essentials
 - Introduction to the Cloud
 - Introduction to the AWS Cloud
- AWS Core Services Essentials
 - Overview of Services and Categories
 - Introduction to the AWS Global Infrastructure
 - Introduction to Amazon VPC
 - Introduction to Security Groups
 - Introduction to Compute Services
 - Introduction to AWS Storage Services
 - Introduction to AWS Database Solutions
- AWS Security Essentials
 - Introduction to AWS Security
 - The AWS Shared Responsibility Model
 - AWS Access Control and Management
 - AWS Security Compliance Programs

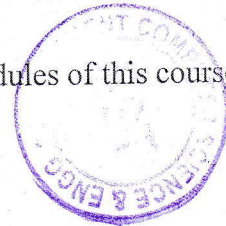
Indore Institute of Science and Technology

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- AWS Security Resources
- AWS Architecting Essentials
 - Introduction to the Well-Architected Framework
 - Reference Architecture: Fault Tolerance and High Availability
 - Reference Architecture: Web Hosting
- AWS Pricing and Support Essentials
 - Fundamentals of Pricing
 - Pricing Details
 - The TCO Calculator Overview
 - AWS Support Plans Overview
- AWS Cloud Practitioner Essentials: Bonus Materials
 - Supplementary videos that enhance concepts learned in the content modules of this course
- AWS Cloud Practitioner Essentials: Course Summary



Faculty Coordinator



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Mapping with PO, PSO and PEO:

1 Making a business plan for Cloud.

2.Cloud Computing and performance improvement and designing the right implementation strategy.

3.The available options (software / platform / infrastructure as a service).

| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO1 0 | PO1 1 | PO1 2 | PSO 1 | PSO 2 | PSO 3 |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|
| O1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| O2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 02 | 0 |
| O3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

PROGRAMME OUTCOMES

PO 1 Apply the knowledge of mathematics, science and engineering fundamentals for the solution of computer science and engineering problems.

PO 2 Ability to identify, formulate and analyze the complex engineering problems

PO 3 Ability to design and develop the computer based systems to meet desired needs within realistic constraints such as public health and safety, environmental, agriculture, economic and societal considerations

PO 4 Ability to demonstrate with excellent programming, analytical, logical and problem solving skills

PO 5 Ability to use the emerging technologies, skills, and modern software tools to design, develop, test and debug the programs or software

PO 6 Ability to include and solve the social, cultural, ethical issues with computer science and engineering solutions

PO 7 Ability to design and develop web based solutions with effective graphical user interface for the need of sustainable development

PO 8 Apply ethical principles and commit to professional ethics and responsibilities and norms of the computer science and engineering practices.

PO 9 Ability to work individually and as a member or leader in diverse teams to accomplish a common goal.



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PO 10 Ability to communicate effectively in both verbal and written forms with engineering community and society

PO 11 Knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team to manage the software and IT based projects in multidisciplinary environments.

PO 12 Appreciation of technological change and the need for independent life-long learning

PROGRAM SPECIFIC OUTCOMES (PSO'S)

A graduate of the Computer Science and Engineering Program will demonstrate:

PSO 1: Computer Science Specific Skills: The ability to identify, analyze and design solutions for complex engineering problems in multidisciplinary areas by understanding the core principles and concepts of computer science and thereby engage in national grand challenges.

PSO 2: Programming and Software Development Skills: The ability to acquire programming efficiency by designing algorithms and applying standard practices in software project development to deliver quality software products meeting the demands of the industry.

PSO 3: Professional Skills: The ability to apply the fundamentals of computer science in competitive research and to develop innovative products to meet the societal needs thereby evolving as an eminent researcher and entrepreneur.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO'S)

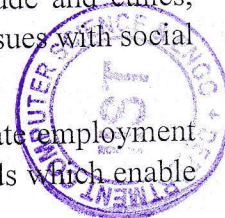
PEO 1: To provide students with a solid foundation in mathematics, computer science and engineering, basic science fundamentals required to solve the computing problems.

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PEO 4: To develop professional skills in students that prepare them for immediate employment and for life-long learning in advanced areas of computer science and related fields which enable them to be successful entrepreneurs.

Faculty Coordinator:

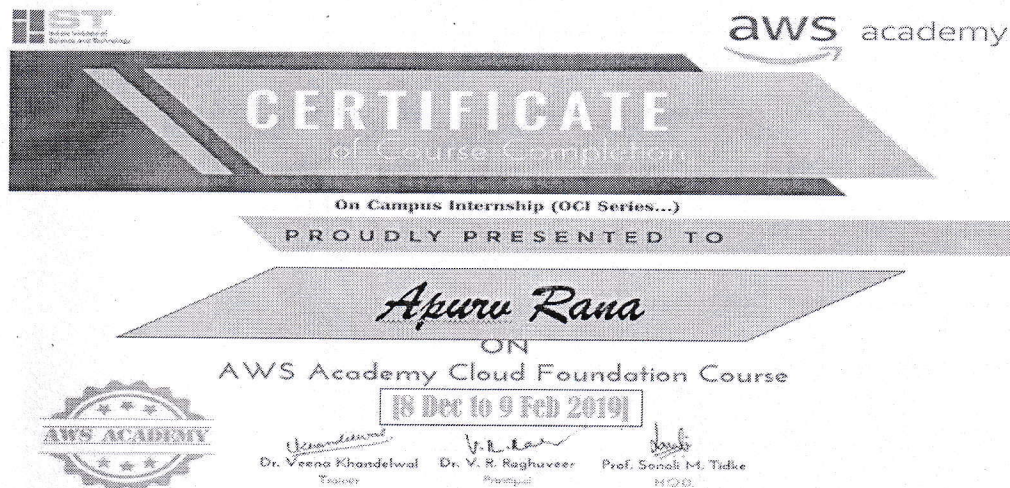


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Event: AWS Cloud Practitioner Course

Sample Certificate:



Faculty Coordinator:

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AWS Cloud Practitioner Course

List of Participant: 40

Date: 8/12/18 - 31/12/19

Time: 10:00AM to 3:00pm

| S.No | Enrollment Numb | Name | DATE | | | | | | | |
|------|-----------------|------------------------|------|-------|-------|-------|-------|-------|------|-------|
| | | | 8/12 | 15/12 | 22/12 | 29/12 | 12/01 | 19/01 | 2/02 | 09/02 |
| 1 | 0818cs151039 | Ankit kumar Shrivastav | P | P | P | P | P | P | P | P |
| 2 | 0818cs151050 | Apurv Rana | P | P | P | P | P | P | P | P |
| 3 | 0818cs151052 | Ashish Patidar | P | P | P | P | P | P | P | P |
| 4 | 0818cs151071 | Devesh Yadav | P | P | P | P | P | P | P | P |
| 5 | 0818cs151081 | Farha Akhtar | P | P | P | P | P | P | P | P |
| 6 | 0818cs151135 | Naina Maheshwari | P | P | P | P | P | P | P | P |
| 7 | 0818cs151168 | Rishabh tongia | P | P | P | P | P | P | P | P |
| 8 | 0818cs161104 | Jay Panchal | P | P | P | P | P | P | P | P |
| 9 | 0818cs161106 | Kamlesh Kumari | P | P | P | P | P | P | P | P |
| 10 | 0818cs161112 | Kumar Harshit | P | P | P | P | P | P | P | P |
| 11 | 0818cs161148 | Prachi gupta | P | P | P | P | P | P | P | P |
| 12 | 0818cs161156 | Preeti Ingle | P | P | P | P | P | P | P | P |
| 13 | 0818cs161172 | Riya Jain | P | P | P | P | P | P | P | P |
| 14 | 0818cs161184 | Sandeep Raghuvanshi | P | P | P | P | P | P | P | P |
| 15 | 0818cs161186 | Sarthak Gupta | P | P | P | P | P | P | P | P |
| 16 | 0818cs161189 | Sejal Kabra | P | P | P | P | P | P | P | P |
| 17 | 0818cs161219 | Sunidhi Patidar | P | P | P | P | P | P | P | P |
| 18 | 0818cs161220 | Tanya Jain | P | P | P | P | P | P | P | P |
| 19 | 0818cs171002 | Abhishek Singh | P | P | P | P | P | P | P | P |
| 20 | 0818cs171003 | Adarsh Tapdiya | P | P | P | P | P | P | P | P |

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AWS Cloud Practitioner Course

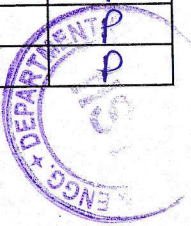
List of Participant

Date: 8/12/18-09/2/19

Time: 10:00AM to 3:00pm

| S.No | Enrollment Numb | Name | DATE | | | | | | | |
|------|-----------------|-------------------------|------|-------|-------|-------|-------|-------|------|-------|
| | | | 8/12 | 15/12 | 22/12 | 29/12 | 12/01 | 19/01 | 2/02 | 09/02 |
| 21 | 0818cs171006 | Akash Jatwa | P | P | P | P | P | P | P | P |
| 22 | 0818cs171007 | Akhil Parikh | P | P | P | P | P | P | P | P |
| 23 | 0818cs171010 | Anil Kumar Shah | P | P | P | P | P | P | P | P |
| 24 | 0818cs171011 | Anjali Sahu | P | P | P | P | P | P | P | P |
| 25 | 0818cs171012 | Ankit Rawat | P | P | P | P | P | P | P | P |
| 26 | 0818cs171020 | Chanchal kumawat | P | P | P | P | P | P | P | P |
| 27 | 0818cs171024 | Deepika dhakad | P | P | P | P | P | P | P | P |
| 28 | 0818cs171026 | Ekta saini | P | P | P | P | P | P | P | P |
| 29 | 0818cs171051 | Palak Chouhan | P | P | P | P | P | P | P | P |
| 30 | 0818cs171053 | Pavan Goyal | P | P | P | P | P | P | P | P |
| 31 | 0818cs171057 | Punit Solanki | P | P | P | P | P | P | P | P |
| 32 | 0818cs171058 | Raj Mahajan | P | P | P | P | P | P | P | P |
| 33 | 0818cs171059 | Rajratan | P | P | P | P | P | P | P | P |
| 34 | 0818cs171068 | Shailendra Singh Thakur | P | P | P | P | P | P | P | P |
| 35 | 0818cs171073 | Shivani Kupatkar | P | P | P | P | P | P | P | P |
| 36 | 0818cs171049 | Nayan Uchhana | P | P | P | P | P | P | P | P |
| 37 | 0818cs171089 | Yogendra Hawdia | P | P | P | P | P | P | P | P |
| 38 | 0818cs161030 | Akshata likhar | P | P | P | P | P | P | P | P |
| 39 | 0818cs151014 | Aditya Jain | P | P | P | P | P | P | P | P |
| 40 | 0818cs161120 | Mayank Kushwah | P | P | P | P | P | P | P | P |

Coordinator:



EVENT FEEDBACK FORM

Personal Information

| | |
|---------------|-------------------------------|
| Name of event | AWS Cloud Practitioner Course |
| Date | 8/12/18-9/2/19 |

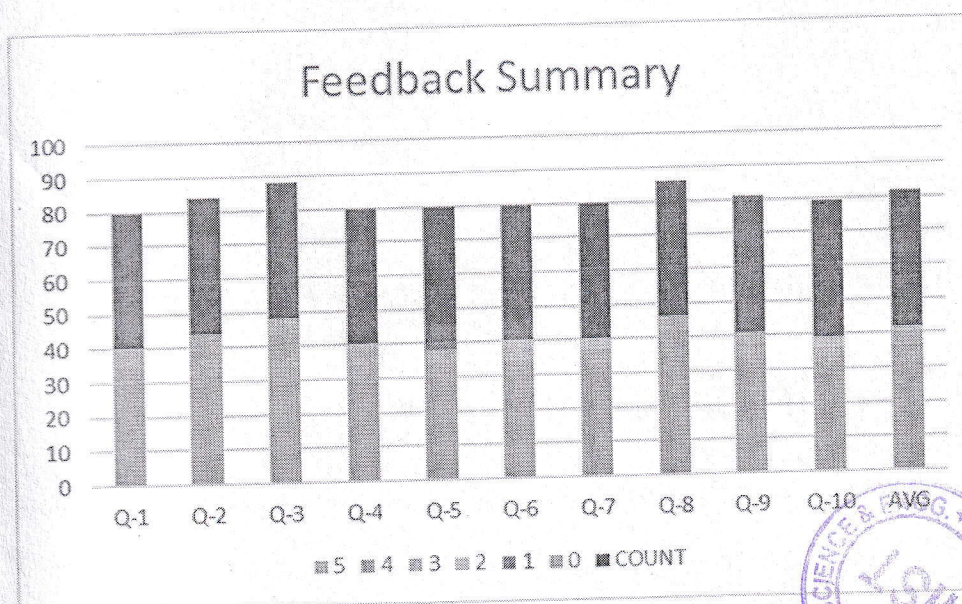
1. The presenter/ lecturer/ trainer/ facilitator(s) was/were knowledgeable
☐ Strongly agree ☐ Agree ☐ Partially agree ☐ Disagree ☐ Don't know
2. The presenter/lecturer/trainer/ facilitator(s) was/were well-prepared
☐ Strongly agree ☐ Agree ☐ Partially agree ☐ Disagree ☐ Don't know
3. The content of the workshop/ training/ seminar was useful.
☐ Strongly agree ☐ Agree ☐ Partially agree ☐ Disagree ☐ Don't know
4. The content of the workshop/ training/seminar/course was well-planned.
☐ Strongly agree ☐ Agree ☐ Partially agree ☐ Disagree ☐ Don't know
5. The knowledge and skills I acquired from the workshop/ training/ seminar/ course are of relevance to my work/are applicable to many aspects of my work.
☐ Strongly agree ☐ Agree ☐ Partially agree ☐ Disagree ☐ Don't know
6. Broadly educated and will have an understanding of design aspects.
☐ Strongly agree ☐ Agree ☐ Partially agree ☐ Disagree ☐ Don't know
7. Clearly understanding the value of updating their professional knowledge to engage in life -long learning.
☐ Strongly agree ☐ Agree ☐ Partially agree ☐ Disagree ☐ Don't know
8. The workshop/training/seminar /course have met the stated objectives fully.
☐ Strongly agree ☐ Agree ☐ Partially agree ☐ Disagree ☐ Don't know
9. I would be interested in attending a follow-up, more
☐ Strongly agree ☐ Agree ☐ Partially agree ☐ Disagree ☐ Don't know
10. Are you satisfied with this event
☐ Strongly agree ☐ Agree ☐ Partially agree ☐ Disagree ☐ Don't know



Name of the event – AWS Cloud Practitioner Course

Date of Event: 8/12/18-9/2/19

Topic: Cloud Computing




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Faculty Coordinators

Indore Institute of Science and Technology

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Brochure: "AWS Cloud Practitioner Course"



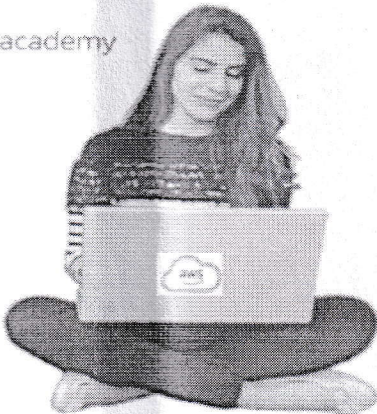
Indore Institute of
Science and Technology

Indore Institute of Science and Technology

Department of Computer Science and engineering




aws academy



On Campus AWS
Certification Course

Starting From
8 Dec 2018
10:00am Onward (On Every Saturday)

Faculty Coordinators Miss Alpna Meena
9893418921



aws training and
certification


Faculty Coordinator

Event -Activity Report

Academic Year –June 2020

Session: 2019-2020

Name of Event: AWS Academy Cloud Foundations(Fully Online)

Date of Event:26th June 2020

Topic: Cloud Computing

Organizing Dept.:CSE

Name of Partner :AWS ACADMEY

Name of Trainer:Alpana Meena

Contact No.:9893418921

Email Id:alpana.meena@indoreinstitute.com

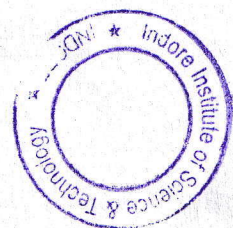
Details of Participants:

| No. of Institutes Participated | No. of Students Participated | No. of Industry Representative | Remark if any |
|--------------------------------|------------------------------|--------------------------------|---------------|
| 1 | 20 | NA | NA |

Summary Report:

Department of CSE with AWS Academy introduce open student class for Aws Academy students/members in the unprecedented time This online and self-paced introductory course provides a detailed overview of cloud concepts and helps students prepare to take the AWS Certified Cloud Practitioner exam. Here using the Canvas LMS to students was learn all the modules with hands On on Virtual environment..

It was started from 26 June 2020 upto 20 july ,In this 40 days students was started learned from the introduction of cloud Computing and future scopes in carrier development, the Cloud Computing technology and Cloud platforms, critical roles in helping businesses react to the current crisis as they enable operational resiliency and provide necessary work from home tools. This executive summary provides insight into cloud computing research – outlining cloud computing trends among technology decision-makers, specifically their use, goals, and challenges with multi-cloud as well as their adoption of cloud-native technologies all Couse content of all modules of



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Science and Technology

“AWS Academy Cloud Foundations “ after completed this students get the completion certificate from aws academy and aws also provide coupon of 30% for appear in AWS Practitioner exam.

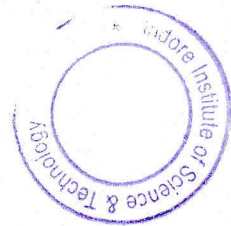
Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)

HOD



Principal



DATE:10/6/2020

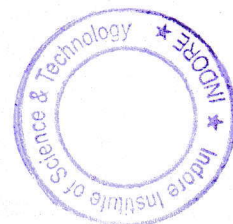
Approval Letter

Department of CSE with AWS Academy want to organize the “AWS Academy Cloud Foundations” course on 26 June 2020. All the students of IIIrd and IVth year will participate actively in this certification Course.

Kindly approve for organizing the certificate course for 40 days.


Faculty Coordinators

Ms Alpana Meena



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Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Indore Institute of
Science and Technology

DATE:11/6/2020

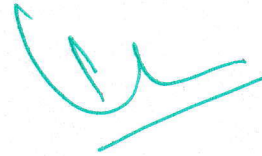
NOTICE

This is to inform you that AWS Academy is going to organize "AWS Academy Cloud Foundations" Course will started on 26 June 2020. All the students of IIIrd year and IV year can participate actively in this Certification Course.

To register for this event kindly contact to coordinators.


Faculty Coordinators:

Ms Alpana Meena
9893418921



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Brochure: "AWS Academy Cloud Foundations



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Professional

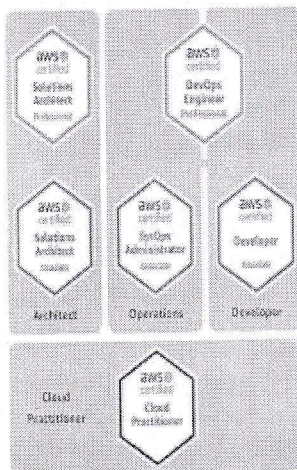
Two years of comprehensive experience designing, operating, and troubleshooting solutions using the AWS Cloud

Associate

One year of experience solving problems and implementing solutions using the AWS Cloud

Foundational

Six months of fundamental AWS Cloud and industry knowledge



Specialty

Technical AWS Cloud experience in the Specialty domain as specified in the exam guide



aws training and certification

On
Online Training

Starting From
26 June 2020

Faculty Coordinator
Alpana Meena(9893418921)



(Handwritten signature)

Faculty Coordinators:

Indore Institute of Science and Technology

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Objective:

AWS Certified Cloud Practitioner Certification course was conducted by the Institute faculty Mrs. Alpana Meena. The Objective of this Certification was to enable students demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles addressed by other AWS Certifications. The training covered 7 modules and 6 Labs as listed below:

Course Content For AWS Cloud Practitioner Certification

Syllabus: AWS Cloud Practitioner

AWS Cloud Practitioner Essentials: Introduction

AWS Cloud Concepts Essentials

- Introduction to the Cloud
- Introduction to the AWS Cloud

AWS Core Services Essentials

- Overview of Services and Categories
- Introduction to the AWS Global Infrastructure
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- Introduction to Security Groups
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- Introduction to AWS Database Solutions

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- AWS Access Control and Management
- AWS Security Compliance Programs
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- Reference Architecture: Fault Tolerance and High Availability
- Reference Architecture: Web Hosting

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- Fundamentals of Pricing
- Pricing Details
- The TCO Calculator Overview
- AWS Support Plans Overview

AWS Cloud Practitioner Essentials: Bonus Materials

- Supplementary videos that enhance concepts learned in the content modules of this course

AWS Cloud Practitioner Essentials: Course Summary



Indore Institute of Science and Technology

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AWS Academy Cloud Foundations [589-Online]

List of Participants

Date: 26 June 2020

| S.no | Student | ID | SIS Login ID |
|------|-------------------------|-------|---|
| 1 | aditya.patida | 16419 | aditya.patidar92@gmail.com |
| 2 | alpana | 16412 | alpana1102@gmail.com |
| 3 | anil | 88835 | anil2000@gmail.com |
| 4 | darshika | 89770 | darshika.raghuvanshi.24@gmail.com |
| 5 | dyaduwanshi | 64609 | dyaduwanshi0@gmail.com |
| 6 | G, Rahul | 87435 | rahul.g@gmail.com |
| 7 | jain, birag | 92479 | biragjain7@gmail.com |
| 8 | Khan, Mohd. Umar F. | 80217 | umarkhan6952@gmail.com |
| 9 | luckysarathe | 16472 | luckysarathe10@gmail.com |
| 10 | madhuker, apeksha | 79356 | apekshamadhukar55@gmail.com |
| 11 | Mandloi, Rahul | 80218 | Mandloi.Rahul@gmail.com |
| 12 | Marya | 87434 | mariya.joharhussainit2018@indoreinstitute.com |
| 13 | nayanarora | 16471 | nayanarora55@gmail.com |
| 14 | Rathi, Sparsh | 87504 | sparshrathi1999@gmail.com |
| 15 | sakshikasliwal | 16460 | sakshikasliwal1708@gmail.com |
| 16 | shweta.singhcs | 64617 | shweta.singhcs2018@indoreinstitute.com |
| 17 | singh, Adarsh Kumar | 80216 | adarsh.singhcs2018@indoreinstitute.com |
| 18 | Singh, Ravi | 90545 | ravi.singhalcs2018@indoreinstitute.com |
| 19 | vikas.sharma | 16463 | vikas.sharmacs2017@indoreinstitute.com |
| 20 | Vishvajeet Singh Naruka | 88837 | vj2297@gmail.com |



(Signature)

Faculty Coordinator:

Event: AWS Academy Cloud Foundations

Date: 26 June 2020

Mapping with PO, PSO and PEO:

- 1 Making a business plan for Cloud.
2. Cloud Computing and performance improvement and designing the right implementation strategy.
3. The available options (software / platform / infrastructure as a service).

| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO1 0 | PO1 1 | PO1 2 | PSO 1 | PSO 2 | PSO 3 |
|----|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| O1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| O2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 02 | 0 |
| O3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

PROGRAMME OUTCOMES

PO 1 Apply the knowledge of mathematics, science and engineering fundamentals for the solution of computer science and engineering problems.

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PO 4 Ability to demonstrate with excellent programming, analytical, logical and problem solving skills

PO 5 Ability to use the emerging technologies, skills, and modern software tools to design, develop, test and debug the programs or software

PO 6 Ability to include and solve the social, cultural, ethical issues with computer science and engineering solutions

PO 7 Ability to design and develop web based solutions with effective graphical user interface for the need of sustainable development

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PO 10 Ability to communicate effectively in both verbal and written forms with engineering community and society

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PEO 4: To develop professional skills in students that prepare them for immediate employment and for life-long learning in advanced areas of computer science and related fields which enable them to be successful entrepreneurs.

Event Coordinator:



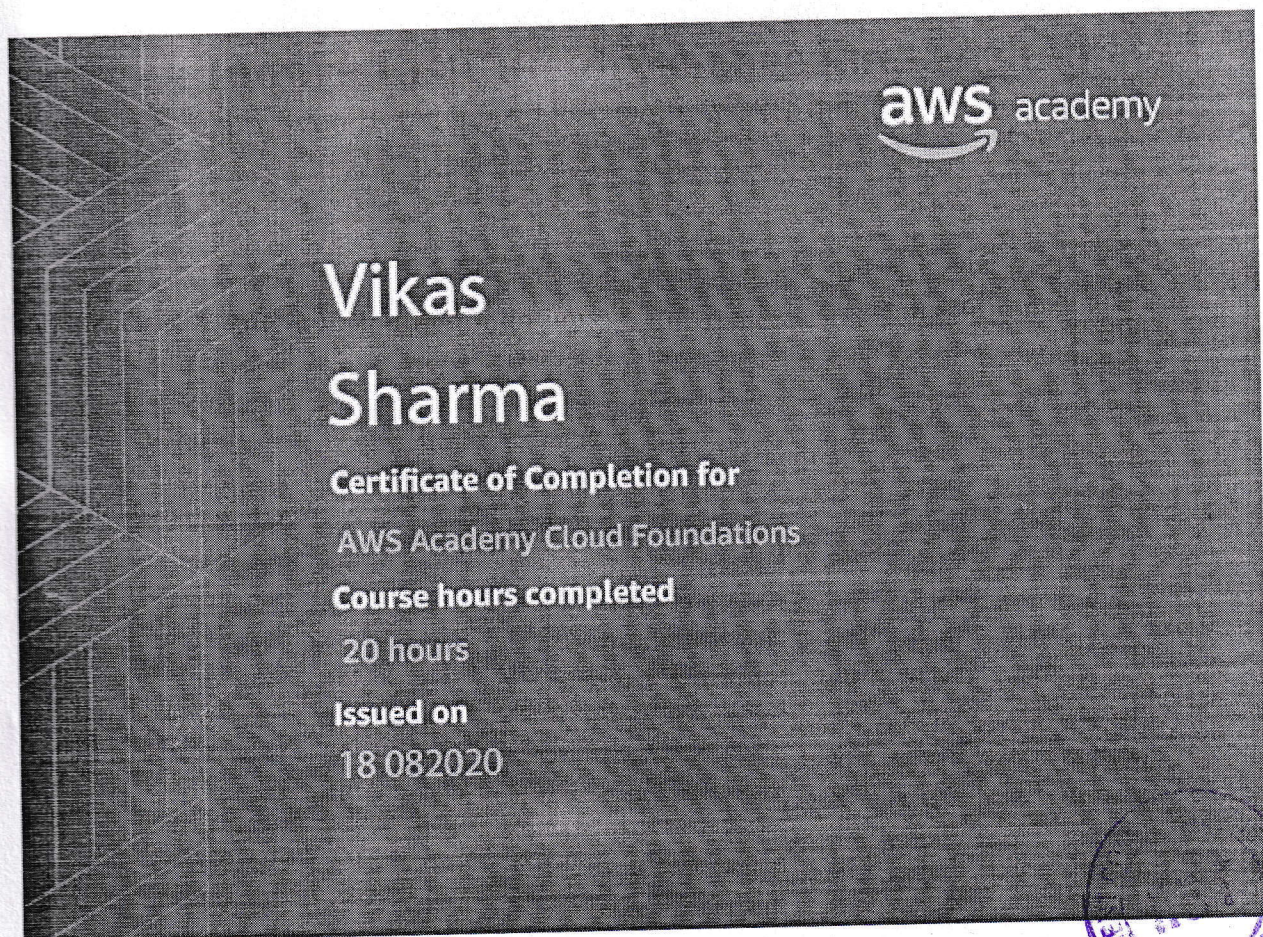
Indore Institute of Science and Technology

Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Event: AWS Academy Cloud Foundations

Date: 26 June 2020

Sample Certificate:



Faculty Coordinator:

Indore Institute of Science and Technology

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Course Outline

AWS Academy Cloud Foundations (ACF)

Course Contents

Digital training materials cover the same content as the lectures. It is not necessary to use both.

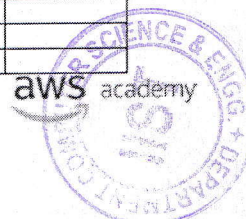
| | | Lecture | Activity | Total |
|--|-------------------------------------|---------|----------|----------|
| Course Introduction | | 35 min. | | 35 min. |
| Lecture or Video | Introduction | | | |
| Module 1: Cloud Concepts Overview | | 45 mins | 15 mins | 60 min. |
| Lecture or Video | Introduction to Cloud Computing | | | |
| Lecture or Video | Advantages of the Cloud | | | |
| Lecture or Video | Introduction to AWS | | | |
| Lecture or Video | Moving to the AWS Cloud | | | |
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 mins | |
| Knowledge Check | Cloud Concepts | | 10 mins | |
| Module 2: Cloud Economics and Billing | | 45 min. | 55 min. | 100 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | Fundamentals of Pricing | | | |
| Lecture or Video | Total Cost of Ownership | | | |
| Activity | Simple Monthly Calculator | | 20 min. | |
| Lecture or Video | Delaware North Case Study | | | |
| Lecture or Video | AWS Organizations | | | |
| Lecture or Video | AWS Billing and Cost Management | | | |
| Educator Demo | Billing Dashboard | | 10 min. | |
| Lecture or Video | Technical Support Models | | | |
| Activity | Support Plan Scavenger Hunt | | 10 min. | |
| Lecture or Video | Wrap-Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | Cloud Billing Economics | | 10 min. | |
| Module 3: AWS Global Infrastructure Overview | | 25 min. | 45 min. | 70 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | AWS Global Infrastructure | | | |
| Educator Demo | AWS Global Infrastructure | | 10 min. | |
| Lecture or Video | AWS Services and Service Categories | | | |
| Activity | AWS Management Console Clickthrough | | 20 min. | |
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | AWS Infrastructure | | 10 min. | |
| Module 4: Cloud Security | | 45 min. | 70 min. | 115 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | AWS Shared Responsibility Model | | | |
| Activity | AWS Shared Responsibility Model | | 10 min. | |
| Lecture or Video | AWS IAM | | | |
| Video Demo | AWS IAM Console Demonstration | | 5 min. | |
| Lecture or Video | Securing a New AWS Account | | | |
| Lab Exercise | Introduction to AWS IAM | | 40 min. | |
| Lecture or Video | Securing Accounts | | | |
| Lecture or Video | Securing Data | | | |
| Lecture or Video | Working to Ensure Compliance | | | |



Course Outline

AWS Academy Cloud Foundations (ACF)

| | | | | |
|---|--|---------|----------|----------|
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | Cloud Security | | 10 min. | |
| Module 5: Networking and Content Delivery | | 60 min. | 70 min. | 130 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | Networking Basics | | | |
| Lecture or Video | Amazon VPC | | | |
| Lecture or Video | VPC Networking | | | |
| Activity | Label This Diagram | | 5 min. | |
| Video Demo | Amazon VPC Console Demonstration | | 5 min. | |
| Lecture or Video | VPC Security | | | |
| Activity | Design a VPC | | 15 min. | |
| Lab Exercise | Build a VPC and Launch a Web Server | | 30 min. | |
| Lecture or Video | Route 53 | | | |
| Lecture or Video | CloudFront | | | |
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | VPC | | 10 min. | |
| Module 6: Compute | | 80 min. | 145 min. | 225 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | Compute Services Overview | | | |
| Lecture or Video | Amazon EC2 Part 1 | | | |
| Lecture or Video | Amazon EC2 Part 2 | | | |
| Lecture or Video | Amazon EC2 Part 3 | | | |
| Video Demo | Amazon EC2 | | 5 min. | |
| Lab Exercise | Introduction to Amazon EC2 | | 35 min. | |
| Activity | Amazon EC2 versus Managed Services | | 30 min. | |
| Video Demo | Amazon EC2 Part Console Demonstration | | | |
| Lecture or Video | Amazon EC2 Cost Optimization | | | |
| Lecture or Video | Container Services | | | |
| Lecture or Video | Introduction to AWS Lambda | | | |
| Activity | AWS Lambda | | 30 min. | |
| Lecture or Video | Introduction to AWS Elastic Beanstalk | | | |
| Activity | AWS Elastic Beanstalk | | 30 min. | |
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | Amazon Virtual Private Cloud | | 10 min. | |
| Module 7: Storage | | 45 min. | 85 min. | 130 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | AWS EBS | | | |
| Video Demo | Amazon Elastic Block Store Console Demonstration | | 5 min. | |
| Lab Exercise | Working with EBS | | 30 min. | |
| Lecture or Video | AWS S3 | | | |
| Video Demo | AWS S3 Console Demonstration | | 5 min. | |
| Lecture or Video | AWS EFS | | | |
| Video Demo | AWS EFS Console Demonstration | | 5 min. | |
| Lecture or Video | AWS S3 Glacier | | | |
| Video Demo | AWS S3 Glacier Console Demonstration | | 5 min. | |
| Activity | Storage Technology Selection | | 20 min. | |



Event Coordinator:

[Handwritten signature]

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Name of the event – AWS Cloud Practitioner Certification

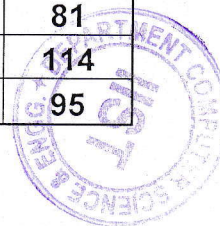
Date – 26/6/20-14/8/20

| | 5 | 4 | 3 | 2 | 1 | COUNT | TOTAL |
|-----|----|---|---|---|---|-------|-------|
| Q-1 | 15 | 4 | 1 | 0 | 0 | 20 | 91 |
| Q-2 | 14 | 4 | 2 | 0 | 0 | 20 | 86 |
| Q-3 | 12 | 3 | 3 | 2 | 0 | 20 | 81 |
| Q-4 | 13 | 7 | 0 | 0 | 0 | 20 | 114 |
| Q-5 | 14 | 5 | 1 | 0 | 0 | 20 | 95 |



Faculty Coordinator

Ms Alpana Meena



Event -Activity Report

Academic Year –Aug 2021

Session: 2021-2022

Name of Event: Cloud Computing -AWS Course

Date of Event: 2 nd August 2021,

Topic: Cloud Computing

Organizing Dept.:CSE

Event Coordinator: Alpana Meena

Name of Partner :AWS ACADMEY

Name of faculty:Dr Dheeraj Rane

Contact No.:9826077900

Email Id: drdheeraj.rane@gmail.com

Details of Participants:

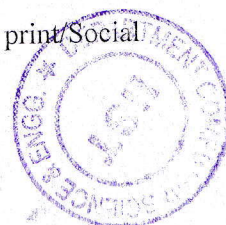
| No. of Institutes Participated | No. of Students Participated | No. of Industry Representative | Remark if any |
|--------------------------------|------------------------------|--------------------------------|---------------|
| 1 | 228 | NA | NA |

Summary Report:

Computer Science and Engineering and AWS Academy of IIST organize 30Hours Certification “Cloud Computing(AWS)” course for all the 3rd year students . Internship started from 2 Aug 2021 at 1:00 PM to onward with the motivational speech of Mr A.S Bhatnager sir and principal Mr Keshav patidar sir also address the students. After that Dr.Dheeraj Rane sir Explain the Cloud Computing technology and Cloud platforms , critical roles in helping businesses react to the current crisis as they enable operational resiliency and provide necessary work from home tools. This executive summary provides insight into cloud computing research – outlining cloud computing trends among technology decision-makers, specifically their use, goals, and challenges with multi-cloud as well as their adoption of cloud-native technologies all Couse content of all modules of Visualization and AWS academy and module schedule

Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social



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3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)



HOD



Faculty Coordinator



Principal




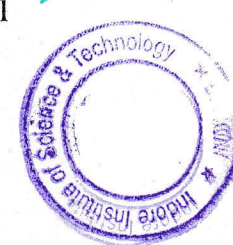
DATE:22/7/2021

Approval Letter

Computer Science and Engineering with AWS Academy is interested to organize a Certification Course "**Cloud Computing -AWS**" on 2nd Aug 2021. All the IIIrd year students of IIST will have to participate actively in this training. The training will be organized in Online mode from 1:00 PM Onward

Kindly approve for organizing the Certification.


HOD



Principal


Indore Institute of Science and Technology



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DATE:28/7/2021

NOTICE

This is to inform you that Computer Science and Engineering with AWS Academy is going to organize Certification Course "Cloud Computing -AWS" on 2 Aug 2021. All the IIIrd year students will have to participate actively in this training. The training will be organized in Online mode from 1:00 PM Onward.

To register for this event kindly contact to coordinator


HOD



Principal

Indore Institute of Science and Technology

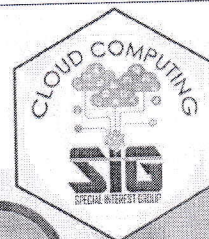
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Event Brochure: Cloud Computing (AWS)



**Indore Institute of
Science & Technology**

Affiliated to - RGPV(Bhopal) & Approved by - AICTE(New Delhi)



SIG on **Cloud Computing (AWS)**

Starting from: 2nd August, 2021

30 Hrs training for 5th Sem

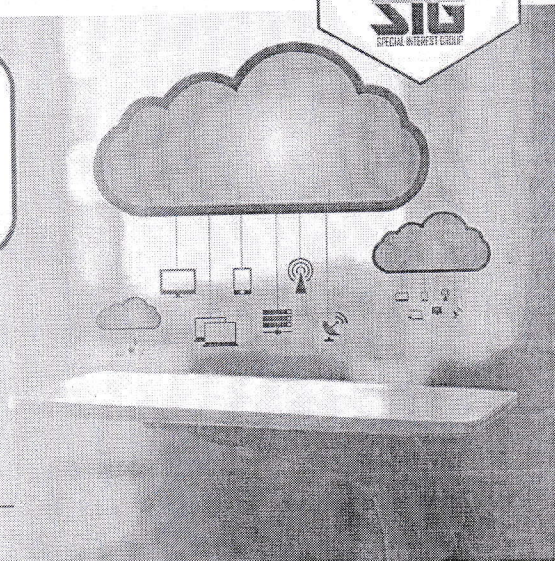
from: 01.00 PM Onwards

Instructors:

Dr. Dheeraj Rane (HOD-CSE)

Ms. Alpna Meena

Department of CSE & IT



IIST Campus, Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore 453331(MP)
Toll Free: 1800 103 3069 | 822 507 1000 / 822 407 1000

Faculty Coordinator



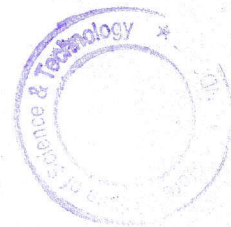
Objective:

AWS Certified Cloud Practitioner training was conducted by the Institute faculties Dr Dheeraj Rane and Ms. Alpana Meena. The Objective of this internship was to enable students demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles addressed by other AWS Certifications. The training covered 7 modules and 6 Labs as listed below:

Course Content Cloud Computing (AWS)

Syllabus: AWS Cloud Practitioner

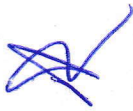
- AWS Cloud Practitioner Essentials: Introduction
- AWS Cloud Concepts Essentials
 - Introduction to the Cloud
 - Introduction to the AWS Cloud
- AWS Core Services Essentials
 - Overview of Services and Categories
 - Introduction to the AWS Global Infrastructure
 - Introduction to Amazon VPC
 - Introduction to Security Groups
 - Introduction to Compute Services
 - Introduction to AWS Storage Services
 - Introduction to AWS Database Solutions
- AWS Security Essentials
 - Introduction to AWS Security
 - The AWS Shared Responsibility Model
 - AWS Access Control and Management
 - AWS Security Compliance Programs
 - AWS Security Resources



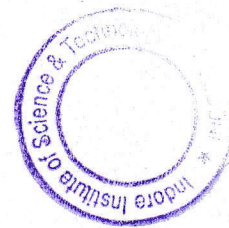
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- AWS Architecting Essentials
 - Introduction to the Well-Architected Framework
 - Reference Architecture: Fault Tolerance and High Availability
 - Reference Architecture: Web Hosting
- AWS Pricing and Support Essentials
 - Fundamentals of Pricing
 - Pricing Details
 - The TCO Calculator Overview
 - AWS Support Plans Overview
- AWS Cloud Practitioner Essentials: Bonus Materials
 - Supplementary videos that enhance concepts learned in the content modules of this course
- AWS Cloud Practitioner Essentials: Course Summary



Faculty Coordinator:



Mapping with PO, PSO and PEO:

1 Making a business plan for Cloud.

2.Cloud Computing and performance improvement and designing the right implementation strategy.

3.The available options (software / platform / infrastructure as a service).

| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO1 0 | PO1 1 | PO1 2 | PSO 1 | PSO 2 | PSO 3 |
|----|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| O1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| O2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 02 | 0 |
| O3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

PROGRAMME OUTCOMES

PO 1 Apply the knowledge of mathematics, science and engineering fundamentals for the solution of computer science and engineering problems.

PO 2 Ability to identify, formulate and analyze the complex engineering problems

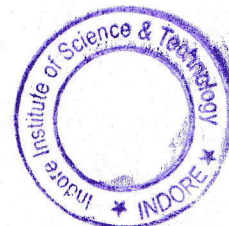
PO 3 Ability to design and develop the computer based systems to meet desired needs within realistic constraints such as public health and safety, environmental, agriculture, economic and societal considerations

PO 4 Ability to demonstrate with excellent programming, analytical, logical and problem solving skills

PO 5 Ability to use the emerging technologies, skills, and modern software tools to design, develop, test and debug the programs or software

PO 6 Ability to include and solve the social, cultural, ethical issues with computer science and engineering solutions

PO 7 Ability to design and develop web based solutions with effective graphical user interface for the need of sustainable development



PO 8 Apply ethical principles and commit to professional ethics and responsibilities and norms of the computer science and engineering practices.

PO 9 Ability to work individually and as a member or leader in diverse teams to accomplish a common goal.

PO 10 Ability to communicate effectively in both verbal and written forms with engineering community and society

PO 11 Knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team to manage the software and IT based projects in multidisciplinary environments.

PO 12 Appreciation of technological change and the need for independent life-long learning

PROGRAM SPECIFIC OUTCOMES (PSO'S)

A graduate of the Computer Science and Engineering Program will demonstrate:

PSO 1: Computer Science Specific Skills: The ability to identify, analyze and design solutions for complex engineering problems in multidisciplinary areas by understanding the core principles and concepts of computer science and thereby engage in national grand challenges.

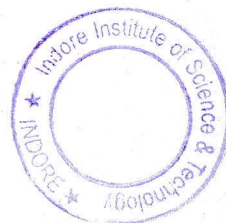
PSO 2: Programming and Software Development Skills: The ability to acquire programming efficiency by designing algorithms and applying standard practices in software project development to deliver quality software products meeting the demands of the industry.

PSO 3: Professional Skills: The ability to apply the fundamentals of computer science in competitive research and to develop innovative products to meet the societal needs thereby evolving as an eminent researcher and entrepreneur.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO'S)

PEO 1: To provide students with a solid foundation in mathematics, computer science and engineering, basic science fundamentals required to solve the computing problems.

PEO 2: To expose students to latest computing technologies and software tools, so that they can comprehend, analyze, design and create innovative computing products and solutions for real life problems.



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PEO 3: To inculcate in students multi-disciplinary approach, professional attitude and ethics, communication and teamwork skills, and ability to relate computer engineering issues with social awareness.

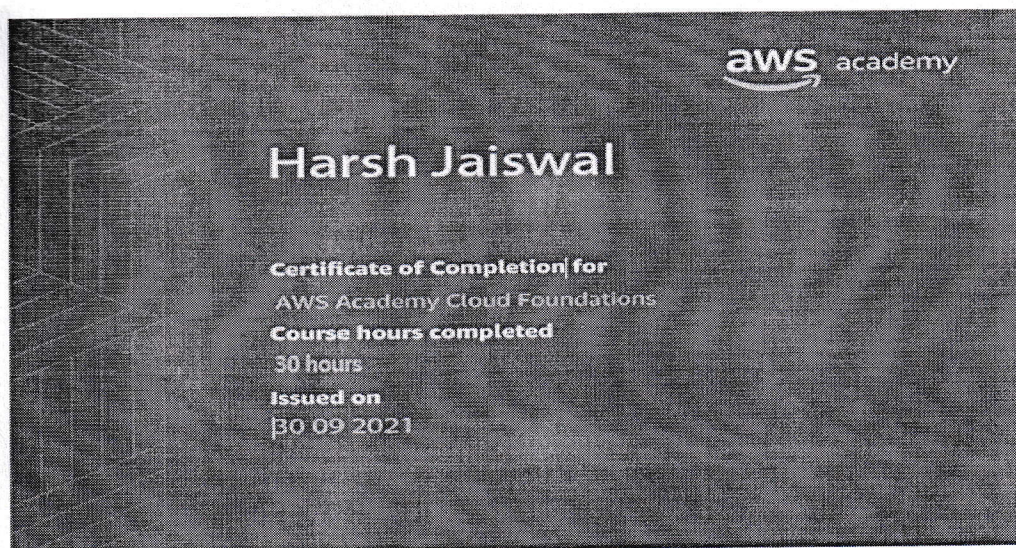
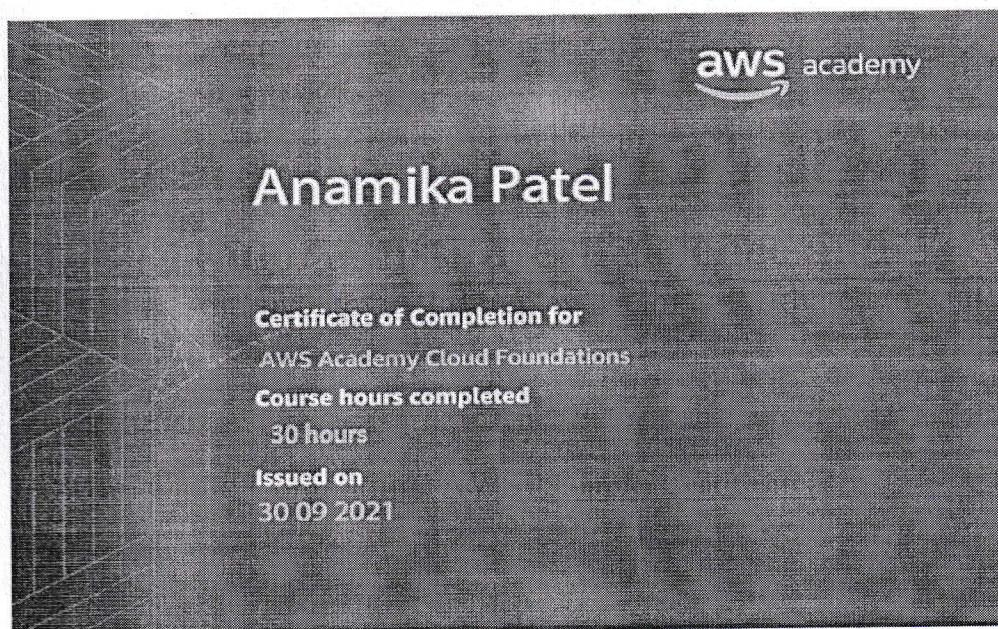
PEO 4: To develop professional skills in students that prepare them for immediate employment and for life-long learning in advanced areas of computer science and related fields which enable them to be successful entrepreneurs.



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13.Event: Cloud Computing (AWS) Sample Certificate:



Faculty Coordinator:

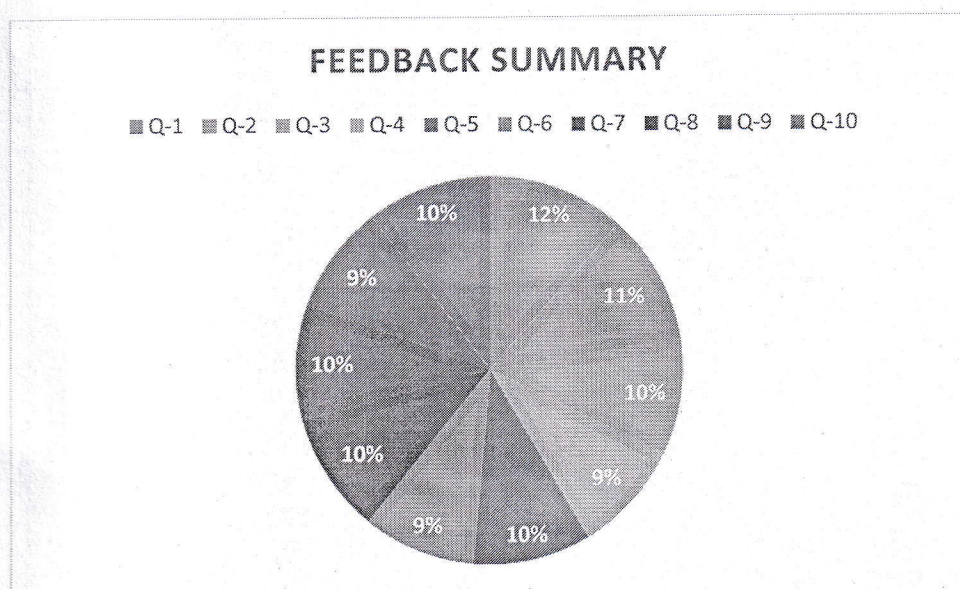


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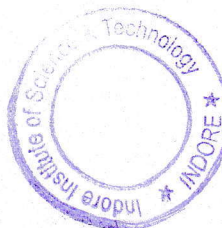
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Feedback Form: <https://forms.gle/bZT1H4cafKdhxk6R8>

Name of the event – Cloud Computing-AWS



Faculty Coordinator:

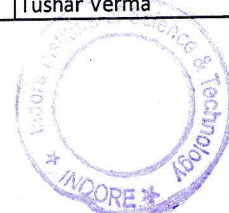


Cloud Computing -AWS"

List of Students:

| S.no | Enter Enrollment number(12digit) | Name(Full) | Section |
|------|----------------------------------|-------------------------|---------|
| 1 | 0818IT191012 | Anjuman Varsee | IT |
| 2 | 0818IT191032 | Manpreet Kaur Bedi | IT |
| 3 | 0818CS191020 | Ananya pandey | CS-1 |
| 4 | 0818it191021 | Divya Changre | IT |
| 5 | 0818CS191066 | HIMANSHU MANDE | CS-2 |
| 6 | 0818CS191042 | BALRAM RAGHUVANSHI | CS-1 |
| 7 | 0818CS191092 | Manish Verma | CS-2 |
| 8 | 0818CS191146 | Rishita Baviskar | CS-3 |
| 9 | 0818IT191023 | Gourav Choudhary | IT |
| 10 | 0818CS191181 | Suraj Chouhan | CS-3 |
| 11 | 0818CS191128 | Pranav Singh Binwar | CS-2 |
| 12 | 0818CS191150 | Rounak Patidar | CS-3 |
| 13 | 0818CS191006 | Adnan Qureshi | CS-1 |
| 14 | 0818CS203D02 | Isha Kanthale | CS-3 |
| 15 | 0818CS191046 | Damini sahu | CS-1 |
| 16 | 0818CS191197 | Vidhisha Patidar | CS-3 |
| 17 | 0818CS191038 | Ayush singh Panwar | CS-1 |
| 18 | 0818CS191031 | Anurag Mishra | CS-1 |
| 19 | 0818CS191174 | Siddhi Singh | CS-3 |
| 20 | 0818CS191120 | Pankaj ramawat | CS-2 |
| 21 | 0818cs191171 | Shreya beohar | CS-3 |
| 22 | 0818CS191175 | Simran Sahu | CS-3 |
| 23 | 0818CS191025 | Ankit Yadav | CS-1 |
| 24 | 0818CS191136 | Raghavraj patil | CS-2 |
| 25 | 0818CS191086 | Kunal Parmar | CS-2 |
| 26 | 818191139 | Rahul sangitla | CS-2 |
| 27 | 0818IT191022 | Gokul Panwar | IT |
| 28 | 0818CE191046 | Shivam Makwane | IT |
| 29 | 0818CS191058 | Harpreet Kour Arora | CS-1 |
| 30 | 0818CS191162 | Sarvesh Yadav | CS-3 |
| 31 | 0818IT191026 | Jitendra jain | IT |
| 32 | 0818CS191021 | Anirudh Mukati | CS-1 |
| 33 | 0818CS191077 | Kajal Gyanchandani | CS-2 |
| 34 | 0818CS191152 | Rushil Dewaskar | CS-3 |
| 35 | 0818CS191202 | Vishwakarma Anurag Rajk | CS-3 |
| 36 | 0818CS191104 | MUKUL MISHRA | CS-2 |
| 37 | 0818CS191160 | Sanyog Maurya | CS-3 |
| 38 | 0818CS191028 | Anshika nema | CS-1 |
| 39 | 0818CS191155 | Saishwari Deshpande | CS-3 |
| 40 | 0818CS191007 | Ajeet Jat | CS-1 |
| 41 | 0818CS191145 | Rishabh Malviya | CS-3 |
| 42 | 0818IT191027 | Kanha kushwah | IT |
| 43 | 0818CS191165 | Shalini joshi | CS-3 |
| 44 | 0818CS191124 | Piyush Mahajan | CS-2 |
| 45 | 0818IT191014 | Annapoorna Singh | IT |
| 46 | 0818IT191003 | Abhaysingh Rahangdale | IT |
| 47 | 0818CS191163 | Seemanjay Ameriya | CS-3 |

| S.no | Enter Enrollment number(12digit) | Name(Full) | Section |
|------|----------------------------------|-----------------------|---------|
| 101 | 0818CS191071 | Jahanvi Raikwar | CS-2 |
| 102 | 0818CS191125 | Pooja Rathod | CS-2 |
| 103 | 0818CS191111 | Nikhil Sahu | CS-2 |
| 104 | 0818CS191195 | Vedant Tripathi | CS-3 |
| 105 | 0818CS191056 | Geetika Singh Rathore | CS-1 |
| 106 | 0818CS191037 | Ayush Raghuvanshi | CS-1 |
| 107 | 0818CS191064 | HEMANT MULCHANDANI | CS-1 |
| 108 | 0818CS191194 | Varun Paradkar | CS-3 |
| 109 | 0818CS191054 | Durva kulkarni | CS-1 |
| 110 | 0818CS191110 | Naveen Nagar | CS-2 |
| 111 | 0818CS191063 | Harshita Kashyap | CS-1 |
| 112 | 0818CS191068 | Hritika Joshi | CS-1 |
| 113 | 0818CS191060 | Harsh kalam | CS-1 |
| 114 | 0818CS191013 | Aman nigam | CS-1 |
| 115 | 0818CS191036 | Ayush Dwivedi | CS-1 |
| 116 | 0818CS191052 | Dhruv Agrawal | CS-1 |
| 117 | 0818cs191138 | Rahul prajapati | CS-2 |
| 118 | 0818cs191072 | Jay kumar | CS-2 |
| 119 | 0818IT191017 | Ayush Gaikwad | IT |
| 120 | 0818CS191117 | NITIK PATIDAR | CS-2 |
| 121 | 0818IT191005 | Abhishek Dhote | IT |
| 122 | 0818CS191091 | Mahi Patel | CS-2 |
| 123 | 0818 cs191148 | Roshan sharma | CS-3 |
| 124 | 0818IT191013 | ankur hardia | IT |
| 125 | 0818CS191076 | K Dhawal Verma | CS-2 |
| 126 | 0818CS191064 | HEMANT MULCHANDANI | CS-1 |
| 127 | 0818CS191180 | Surabhi Srivastava | CS-3 |
| 128 | 0818CS191027 | Anshika Gupta | CS-1 |
| 129 | 0818CS191190 | Urvashi upadhyay | CS-3 |
| 130 | 0818CD191157 | Sakshi Nagar | CS-3 |
| 131 | 0818CS191039 | Ayushi Jadhav | CS-1 |
| 132 | 0818cs191009 | Akshat Udeeniya | CS-1 |
| 133 | 0818CS191075 | Jyotiraditya Kedare | CS-2 |
| 134 | 0818CS191135 | Pushpendra jadon | CS-2 |
| 135 | 0818CS191089 | Anand patil | CS-2 |
| 136 | 0818CS191093 | Maulesh Nagar | CS-2 |
| 137 | 0818CS191090 | Madhvi Sonera | CS-2 |
| 138 | 0818CS191074 | Juhi patel | CS-2 |
| 139 | 0818CS191095 | Mayank Vishwakarma | CS-2 |
| 140 | 0818CS191102 | Mohit Singh Chamyal | CS-2 |
| 141 | 0818CS191083 | Ketan Attarde | CS-2 |
| 142 | 0818CS191098 | Mirza Faizan Baig | CS-2 |
| 143 | 0818CS191006 | Adnan Qureshi | CS-1 |
| 144 | 0818cs191008 | Ajeet Chouhan | CS-1 |
| 145 | 0818CS191149 | Rounak Koushal | CS-3 |
| 146 | 0818CS191173 | Shubham Rahangdale | CS-3 |
| 147 | 0818CS191187 | Tushar Verma | CS-3 |



| S.no | Enter Enrollment number(12digit) | Name(Full) | Section |
|------|----------------------------------|------------------------|---------|
| 48 | 0818CS191082 | Kartikya Singh Sisodia | CS-3 |
| 49 | 0818CS191059 | Harsh Jaiswal | CS-1 |
| 50 | 0818IT191025 | Hritik | IT |
| 51 | 0818CS191084 | Kriti Mishra | CS-2 |
| 52 | 0818CS203D01 | Aayushi bhawsar | CS-3 |
| 53 | 0818cs191192 | Uttam Singare | CS-3 |
| 54 | 0818CS191078 | Kanhaiyalal Vakthariya | CS-2 |
| 55 | 0818cs191035 | Ayuree thakur | CS-1 |
| 56 | 0818IT191066 | Vishakha Ekhar | IT |
| 57 | 0818CS191055 | Faizan Mansoori | CS-1 |
| 58 | 0818IT191067 | Vishal patidar | IT |
| 59 | 0818CS203D03 | Jayesh Paithankar | CS-3 |
| 60 | 0818IT191044 | Rishi Raghuvanshi | IT |
| 61 | 0818CS191147 | Ritik More | CS-3 |
| 62 | surbhidhanotiya29 | Surbhi Dhanotiya | CS-3 |
| 63 | 0818CS191053 | Divya Raut | CS-1 |
| 64 | 0818CS191045 | Chirag agrawal | CS-1 |
| 65 | 0818CS191094 | Mayank Soni | CS-2 |
| 66 | 0818CS191062 | Harsh Yadav | CS-1 |
| 67 | 0818CS191113 | Nikita Mishra | CS-2 |
| 68 | 0818CS191133 | PRIYANSHU TRIPATHI | CS-2 |
| 69 | 0818CS191054 | Durva Kulkarni | CS-1 |
| 70 | 0818CS191051 | Dheeraj Joshi | CS-1 |
| 71 | 0818CS191012 | Aman Malviya | CS-1 |
| 72 | 0818CS191119 | Pankaj Porwal | CS-2 |
| 73 | 0818CS191166 | Sharad Kumar Patel | CS-3 |
| 74 | 0818cs191170 | Srashti Shrivastav | CS-3 |
| 75 | 0818CS191172 | Shreya pura | CS-3 |
| 76 | 0818CS191087 | Kunal Sharma | CS-2 |
| 77 | 0818CS191134 | Pulkit Sablok | CS-2 |
| 78 | 0818CS191043 | Chandrashekhar Chouhan | CS-1 |
| 79 | 0818CS191191 | Utkarsh Shrivastava | CS-3 |
| 80 | 0818CS191004 | Aditi Chourasia | CS-1 |
| 81 | 0818CS191137 | RAHUL KASHYAP | CS-2 |
| 82 | 0818CS191100 | Mohd Ayan Abbasi | CS-2 |
| 83 | 0818cs191204 | Vivek Mahajan | CS-3 |
| 84 | 0818CS191161 | Sarthak Gupta | CS-3 |
| 85 | 0818CS191126 | Pradeep Dalal | CS-2 |
| 86 | 0818CS191141 | Ranjan Upadhyay | CS-3 |
| 87 | 0818CS191099 | Mitali Singh | CS-2 |
| 88 | 0818OT191031 | Keshav Agrawal | IT |
| 89 | 0818CS191026 | Ankita soni | CS-1 |
| 90 | 0818CS191081 | Kartik sharma | CS-2 |
| 91 | 0818CS191044 | Charu Patidar | CS-1 |
| 92 | 0818CS191142 | Rati Choudhary | CS-3 |
| 93 | 0818CS191041 | Ayushi kumari singh | CS-1 |
| 94 | 0818IT191015 | Ashish kushwah | IT |
| 95 | 0818IT191052 | Shabda Kumar Sinha | IT |
| 96 | 0818CS1910111 | Aman Kumar | CS-1 |
| 97 | 0818CS191048 | Deepak solanki | CS-1 |
| 98 | 0818CS191106 | Nandini Solanki | CS-2 |
| 99 | 0818CS191206 | Yash Choudhary | CS-3 |
| 100 | 0818cs191029 | Anshul Choubey | CS-1 |

Event Coordinator:



| S.no | Enter Enrollment number(12digit) | Name(Full) | Section |
|------|----------------------------------|-------------------------|---------|
| 148 | 0818CS191153 | Sabahat Ahmed | CS-3 |
| 149 | 0818CS191154 | Sadgi Daftari | CS-3 |
| 150 | 0818CS191200 | Vikramaditya | CS-3 |
| 151 | 0818CS191067 | Himanshu Negi | CS-1 |
| 152 | 0818CS191178 | Sujeet Vishvkarma | CS-3 |
| 153 | 0818CS191031 | Anurag Mishra | CS-1 |
| 154 | 0818CS191032 | Arjav Jain | CS-1 |
| 155 | 0818CS191058 | Harpreet Kour Arora | CS-1 |
| 156 | 0818CS191189 | Umer Rashid | CS-3 |
| 157 | 0818cs191170 | Srashti Shrivastav | CS-3 |
| 158 | 0818CS191057 | Harish Rajput | CS-1 |
| 159 | 0818CS191023 | ANKIT KATHAYAT | CS-1 |
| 160 | 0818CS191002 | Abhijeet Singh | CS-1 |
| 161 | 0818CS191015 | Aman Singh Tawar | CS-1 |
| 162 | 0818CS191082 | KARTIKEYA SINGH SISODIA | CS-3 |
| 163 | 0818CS191025 | Ankit Yadav | CS-1 |
| 164 | 0818CS191017 | Anamika Patel | CS-1 |
| 165 | 0818CS191205 | Vivek Mishra | CS-3 |
| 166 | 0818CS191147 | Ritik More | CS-3 |
| 167 | 0818CS191166 | Sharad Kumar Patel | CS-3 |
| 168 | 0818IT191006 | Aditya Gupta | CS-3 |
| 169 | 0818CS191092 | Manish Verma | CS-2 |
| 170 | 0818CS191109 | Narendra Singh Anjana | CS-2 |
| 171 | 0818CS191024 | Ankit Kumar Saket | CS-1 |
| 172 | 0818CS191116 | Nishchal mehra | CS-2 |
| 173 | 0818IT191030 | Keerti Chouhan | IT |
| 174 | 0818CS191140 | Rahul Singh Parihar | CS-3 |
| 175 | 0818CS191040 | Ayushi Jain | CS-1 |
| 176 | 0818CS191036 | Ayush Dwivedi | CS-1 |
| 177 | 0818CS191181 | Suraj chouhan | CS-3 |
| 178 | 0818CS191120 | Pankaj ramawat | CS-2 |
| 179 | 0818CS191045 | Chirag agrawal | CS-1 |
| 180 | 0818CS191169 | Shraddha kushwah | CS-3 |
| 181 | 0818ME191057 | Nilesh panwar | CS-3 |
| 182 | 0818CS191177 | Sujal badole | CS-3 |
| 183 | 0818CS191097 | Meghali Likhar | CS-2 |
| 184 | 0818cs191204 | Vivek Mahajan | CS-3 |
| 185 | 0818CS191185 | Tanisha Badole | CS-3 |
| 186 | 0818CS191186 | Tannu Jain | CS-3 |
| 187 | 0818CS191001 | Aarti Bhawsar | CS-1 |
| 188 | 0818CS191027 | Anshika Gupta | CS-1 |
| 189 | 0818CS191156 | Sakshi Mourya | CS-3 |
| 190 | 0818CS191103 | Mohit Suneri | CS-2 |
| 191 | 0818CS191037 | Ayush Raghuvanshi | CS-1 |
| 192 | 0818CS191087 | Kunal Sharma | CS-2 |
| 193 | 0818CS191165 | Shalini joshi | CS-3 |
| 194 | 0818CS191085 | Kuldeep Barod | CS-2 |
| 195 | 0818CS191101 | Mohd Faiz Ali Khan | CS-2 |
| 196 | 0818CS191130 | Prathamesh Pachunkar | CS-2 |
| 197 | 0818cs191061 | harsh sahu | CS-1 |



Event -Activity Report

Academic Year –Feb 2021

Session: 2020-2021

Name of Event: **“Virtualization Cloud Computing with AWS Certification”**

Date of Event: 19 Feb 2021,

Topic: Cloud Computing

Organizing Dept.:CSE

Event Coordinator: Alpana Meena

Name of Partner :AWS ACADMEY

Name of faculty:Mr Puneet Singh Duggal

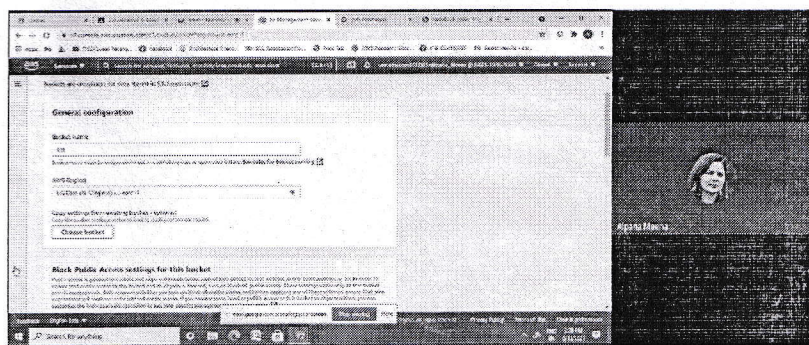
Contact No.: 9893186681

Email Id: puneet.duggal@gmail.com

Details of Participants:

| No. of Institutes Participated | No. of Students Participated | No. of Industry Representative | Remark if any |
|--------------------------------|------------------------------|--------------------------------|---------------|
| 1 | 69 | NA | NA |

Summary :



Computer Science and Engineering and AWS Academy of IIST organize Certification course on **“Virtualization Cloud Computing with AWS Certification”** for all the 3rd and 4th year students .the training started with inauguration program on 19st Feb at 12:00PM to 1:00 PM with the motivational speech of Mr A.S Bhatnager sir and principal Mr Keshav patidar sir also address the students. After that Mr P.S Duggal sir Explain the Cloud Computing technology and Cloud platforms , critical roles in helping businesses react to the current crisis as they enable operational resiliency and provide necessary work from home tools. This executive summary provides insight into cloud computing research – outlining cloud computing trends among technology decision-makers, specifically their use, goals, and challenges with multi-cloud as well as their adoption of



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cloud-native technologies all Course content of all modules of Visualization and AWS academy and module schedule and after completion of course students was learned lot of practical knowledge and this training will help the students for ready to industry.

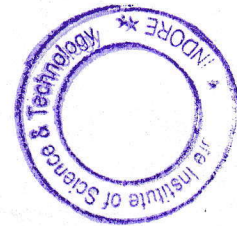
Also enclosed following details:

1. Approval Letter
2. Invitation card/Brochure / Leaflet (if printed by Institute or Organizing Partner) print/Social
3. Detailed summary on event. (Outcome)
4. Media Report (attach copy of newspaper)/ write-up for media/ FB write-up
5. Certificate / Letter (if printed by Institute or Organizing Partner)




Faculty Coordinator


Principal



DATE: 2/2/2021

Approval Letter

Computer Science and Engineering and AWS Academy is interested to organize Certification course "**Virtualization & Cloud Computing with AWS Certification**" on 19 Feb 2021. All the IIIrd year and IVth year students will have to participate actively in this Course. This course will be organized through Online mode from 3:00PM Onward.

Kindly approve for organizing the event.


HOD



Principal


Indore Institute of Science and Technology

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DATE:9/2/2021

NOTICE

This is to inform you that Computer Science and Engineering and AWS Academy is going to organize training “**Virtualization & Cloud Computing with AWS Certification**” on 28 Oct 2021. All the IIIrd year and IVth year students of IIST will have to participate actively in this. The Certification course will be organized through Online mode from 3:00PM Onward

To register for this event kindly contact to coordinator.


HOD




Faculty Coordinator


Principal

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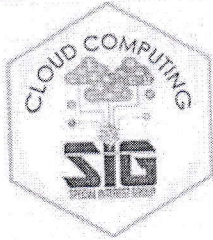
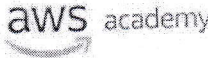
Brochure: Virtualization Cloud Computing with AWS Certification



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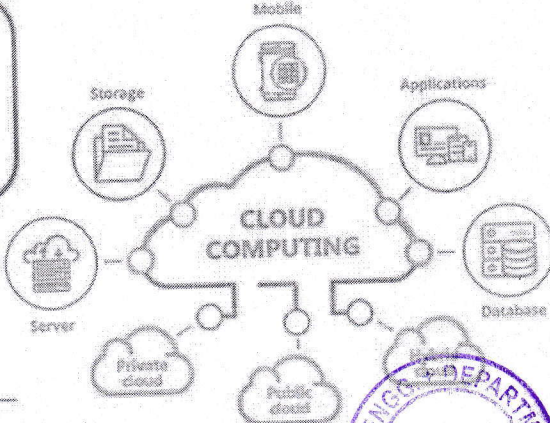
Department of Computer Science & Engineering

SIG
on

**Virtualization & Cloud Computing
with AWS certification**


Starting from: 19th Feb, 2021


Instructors:
Mr. Puneet Duggal
Ms. Alpana Meena



The diagram illustrates a cloud computing architecture. A central cloud labeled 'CLOUD COMPUTING' is connected to various components: 'Mobile' (represented by a smartphone icon), 'Applications' (represented by a server rack icon), 'Database' (represented by a cylinder icon), 'Public cloud' (represented by a cloud icon), 'Private cloud' (represented by a cloud icon), 'Server' (represented by a server rack icon), and 'Storage' (represented by a folder icon).

IIST Campus, Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore 453331(MP)
Toll Free: 1800 103 3069 | 822 507 1000 / 822 407 1000




Faculty Coordinator:
Mrs Alpana Meena

Event : Virtualization Cloud Computing with AWS Certification

Objective:

AWS Certified Cloud Practitioner training was conducted by the Institute faculty Mr.P .S Duggal Ms. Alpana meena (AWS Cloud Solution Architect-Associate). The Objective of this internship was to enable students demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles addressed by other AWS Certifications. The training covered 7 modules and 6 Labs as listed below:

Course Content :Virtualization and Cloud Computing – AWS cloud Practitioner

Virtualization

Introduction to virtualization.

- Virtualization Technologies
- Virtual Machines & VM Managers
 - Virtual Machine on Oracle VM
 - Virtual Machine on Hyper-V
- Virtualization & Cloud
- Cloud Computing Implementations
- Types of Cloud
- Resource In Cloud
- Resource Allocation
- Resource Management
 - Resource Provisioning Techniques
 - Comparing Resource Management Algorithms
 - Resource Management Best Practices
- Resource Allocation
- Resource Management
- Quality of Service In Cloud Computing
- Cloud Security

Syllabus: AWS Cloud Practitioner

- AWS Cloud Practitioner Essentials: Introduction
- AWS Cloud Concepts Essentials
 - Introduction to the Cloud
 - Introduction to the AWS Cloud
- AWS Core Services Essentials
 - Overview of Services and Categories



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- Introduction to the AWS Global Infrastructure
- Introduction to Amazon VPC
- Introduction to Security Groups
- Introduction to Compute Services
- Introduction to AWS Storage Services
- Introduction to AWS Database Solutions
- AWS Security Essentials
 - Introduction to AWS Security
 - The AWS Shared Responsibility Model
 - AWS Access Control and Management
 - AWS Security Compliance Programs
 - AWS Security Resources
- AWS Architecting Essentials
 - Introduction to the Well-Architected Framework
 - Reference Architecture: Fault Tolerance and High Availability
 - Reference Architecture: Web Hosting
- AWS Pricing and Support Essentials
 - Fundamentals of Pricing
 - Pricing Details
 - The TCO Calculator Overview
 - AWS Support Plans Overview
- AWS Cloud Practitioner Essentials: Bonus Materials
 - Supplementary videos that enhance concepts learned in the content modules of this course
- AWS Cloud Practitioner Essentials: Course Summary



Faculty Coordinator:

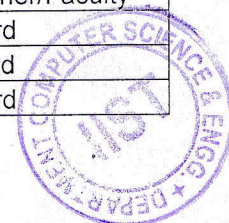
Mrs Alpana Meena



Event: Virtualization Cloud Computing with AWS Certification

STUDENT LIST:

| S.NO | Enter Enrollment | Name(Full) | Branch of Student | YEAR |
|------|------------------|------------------------|-------------------|---------------|
| 1 | 0818IT191021 | Divya Changre | IT | IIInd |
| 2 | 0818IT191015 | Ashish kushwah | IT | IIInd |
| 3 | 0818IT191012 | Anjuman Varsee | IT | IIInd |
| 4 | 0818IT191026 | Jitendra jain | IT | IIInd |
| 5 | 0818IT191027 | Kanha kushwah | IT | IIInd |
| 6 | 0818IT191022 | Gokul Panwar | IT | IIInd |
| 7 | 0818IT191003 | Abhay Singh Rahangdale | IT | IIInd |
| 8 | 0818IT191030 | Keerti Chouhan | IT | IIInd |
| 9 | 0818IT181019 | Rahul Joshi | IT | IIIrd |
| 10 | 0818CS181139 | Sudhanshu Jha | CSE | IIIrd |
| 11 | 0818CS181010 | Adarsh Kumar Singh | CSE | IIIrd |
| 12 | 0818IT181017 | Noushad Khan | IT | IIIrd |
| 13 | 0818CS193D01 | Khushboo kharche | CSE | IIIrd |
| 14 | 0818CS181029 | Anshul Pandey | CSE | IIIrd |
| 15 | 0818cs181146 | Vikas Dubey | CSE | IIIrd |
| 16 | 0818cs181102 | Ravi Shankar Singhal | CSE | IIIrd |
| 17 | 0818CS181098 | Rahul Mandloi | CSE | IIIrd |
| 18 | 0818CS181114 | Sandeep Jamod | CSE | IIIrd |
| 19 | 0818cs181064 | Kartik Awate | CSE | IIIrd |
| 20 | 0818CS181094 | Purshottam Patidar | CSE | IIIrd |
| 21 | 0818CS181095 | Rahul Kumawat | CSE | IIIrd |
| 22 | 0818CS181134 | Dhawni Jain | CSE | IIIrd |
| 23 | 0818CS181005 | Abhinav singh negi | CSE | IIIrd |
| 24 | 0818IT171007 | Shubham Chawra | IT | IVth |
| 25 | 0818CS181154 | Sheharyar Ahmad khan | CSE | IIIrd |
| 26 | 0818it171001 | Abhiraj singh Thakur | IT | IVth |
| 27 | 0818CS171086 | VIKAS KUMAR SHARMA | CSE | IVth |
| 28 | 0818CS181041 | Darshan Hirekurubar | CSE | IIIrd |
| 29 | 0818cs181022 | Aman Malviya | CSE | IIIrd |
| 30 | 0818CS181011 | Aditi mahajan | CSE | IIIrd |
| 31 | 0818CS181018 | Akshay Lalwani | CSE | IIIrd |
| 32 | 0818CS181042 | Deeba Afridi | CSE | IIIrd |
| 33 | 0818CS171076 | Sourabh Patidar | CSE | IVth |
| 34 | 0818CS161023 | Aditya patidar | CSE | Other/Faculty |
| 35 | 0818it151030 | Yashvardhan Yadav | IT | Other/Faculty |
| 36 | 0818CS171056 | Punit Garg | CSE | IVth |
| 37 | 19COA9MCA0051 | Rushali paraskar | IT | IIIrd |
| 38 | 0818CS181122 | Shantanu Bhayare | CSE | IIIrd |
| 39 | 0818CS161030 | akshata likhar | CSE | Other/Faculty |
| 40 | 0818cs181126 | Shivendra ranjan | CSE | IIIrd |
| 41 | 0818IT191024 | HARSHITA MEENA | IT | IIInd |
| 42 | 0818cs181126 | shivendra ranjan | CSE | IIIrd |



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| | | | | |
|----|--------------|----------------------|-----|---------------|
| 43 | 0818cs161215 | subhodh xalxo | CSE | IVth |
| 44 | 0818CS181012 | Aditi Pancholi | CSE | IIIrd |
| 45 | 0818cs181151 | Yash Khanvilkar | CSE | IIIrd |
| 46 | 0818CS181017 | Akshansh bagdi | CSE | IIIrd |
| 47 | 0818CS181010 | Adarsh Kumar Singh | CSE | IIIrd |
| 48 | 0818cs181153 | yash vardhan parihar | CSE | IIIrd |
| 49 | 0818CS181059 | Harshvardhan Chauhan | CSE | IIIrd |
| 50 | 0818CS181079 | Naman Naroliya | CSE | IIIrd |
| 51 | 0818CS181030 | Anurag Nema | CSE | IIIrd |
| 52 | 0818CS181045 | Dheerendra Mukati | CSE | IIIrd |
| 53 | 0818CS161079 | Divyanshu Tare | CSE | Other/Faculty |
| 54 | 0818CS161184 | Sandeep Raghuwanshi | CSE | Other/Faculty |
| 55 | 0818CS181006 | Abhishek patil | CSE | IIIrd |
| 56 | 0818CS181049 | Divyanshu Chouhan | CSE | IIIrd |
| 57 | 0818CS181125 | Sheetal Chouhan | CSE | IIIrd |
| 58 | 0818cs181147 | vinay solanki | CSE | IIIrd |
| 59 | 0818IT181022 | Vishal Singh Chouhan | IT | IIIrd |
| 60 | 0818CS181119 | Saurabh Yadav | CSE | IIIrd |
| 61 | 0818IT181001 | Aashish panchal | IT | IIIrd |
| 62 | 0818IT181016 | Nayan Arora | IT | IIIrd |
| 63 | 0818IT181003 | Ajay Patel | IT | IIIrd |
| 64 | 0818CS181124 | Shashank Runghe | CSE | IIIrd |
| 65 | 0818IT181018 | Nupur Banwadikar | IT | IIIrd |
| 66 | 0818CS161117 | Mahima Chouhan | CSE | Other/Faculty |
| 67 | 0818CS171076 | SOURABH PATIENT | CSE | IVth |
| 68 | 0818CS171022 | CHIRAG AGRAWAL | CSE | IVth |
| 69 | 0818CS181143 | Dheerendra Mukhati | CSE | IIIrd |



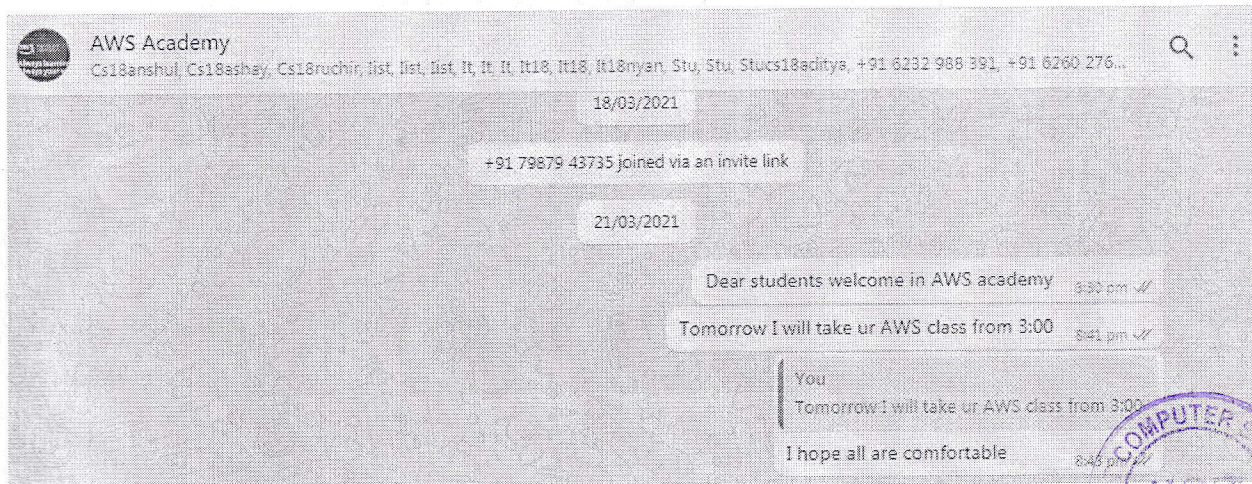
Faculty Coordinator:

Mrs Alpana Meena

Event: Virtualization Cloud Computing with AWS Certification

Date: 19 Feb 2021

Time: 3:00pm Onward



Faculty Coordinator:

Mrs Alpana Meena

~~Mapping with PO, PSO and PEO:~~

- 1 Making a business plan for Cloud.
2. Cloud Computing and performance improvement and designing the right implementation strategy.
3. The available options (software / platform / infrastructure as a service).

| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO1 0 | PO1 1 | PO1 2 | PSO 1 | PSO 2 | PSO 3 |
|----|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| O1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| O2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 02 | 0 |
| O3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |

PROGRAMME OUTCOMES

PO 1 Apply the knowledge of mathematics, science and engineering fundamentals for the solution of computer science and engineering problems.

PO 2 Ability to identify, formulate and analyze the complex engineering problems

PO 3 Ability to design and develop the computer based systems to meet desired needs within realistic constraints such as public health and safety, environmental, agriculture, economic and societal considerations

PO 4 Ability to demonstrate with excellent programming, analytical, logical and problem solving skills

PO 5 Ability to use the emerging technologies, skills, and modern software tools to design, develop, test and debug the programs or software

PO 6 Ability to include and solve the social, cultural, ethical issues with computer science and engineering solutions

PO 7 Ability to design and develop web based solutions with effective graphical user interface for the need of sustainable development

PO 8 Apply ethical principles and commit to professional ethics and responsibilities and norms of the computer science and engineering practices.

PO 9 Ability to work individually and as a member or leader in diverse teams to accomplish a common goal.



PO 10 Ability to communicate effectively in both verbal and written forms with engineering community and society

PO 11 Knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team to manage the software and IT based projects in multidisciplinary environments.

PO 12 Appreciation of technological change and the need for independent life-long learning

PROGRAM SPECIFIC OUTCOMES (PSO'S)

A graduate of the Computer Science and Engineering Program will demonstrate:

PSO 1: Computer Science Specific Skills: The ability to identify, analyze and design solutions for complex engineering problems in multidisciplinary areas by understanding the core principles and concepts of computer science and thereby engage in national grand challenges.

PSO 2: Programming and Software Development Skills: The ability to acquire programming efficiency by designing algorithms and applying standard practices in software project development to deliver quality software products meeting the demands of the industry.

PSO 3: Professional Skills: The ability to apply the fundamentals of computer science in competitive research and to develop innovative products to meet the societal needs thereby evolving as an eminent researcher and entrepreneur.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO'S)

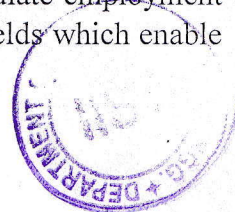
PEO 1: To provide students with a solid foundation in mathematics, computer science and engineering, basic science fundamentals required to solve the computing problems.

PEO 2: To expose students to latest computing technologies and software tools, so that they can comprehend, analyze, design and create innovative computing products and solutions for real life problems.

PEO 3: To inculcate in students multi-disciplinary approach, professional attitude and ethics, communication and teamwork skills, and ability to relate computer engineering issues with social awareness.

PEO 4: To develop professional skills in students that prepare them for immediate employment and for life-long learning in advanced areas of computer science and related fields which enable them to be successful entrepreneurs.

Faculty Coordinator:

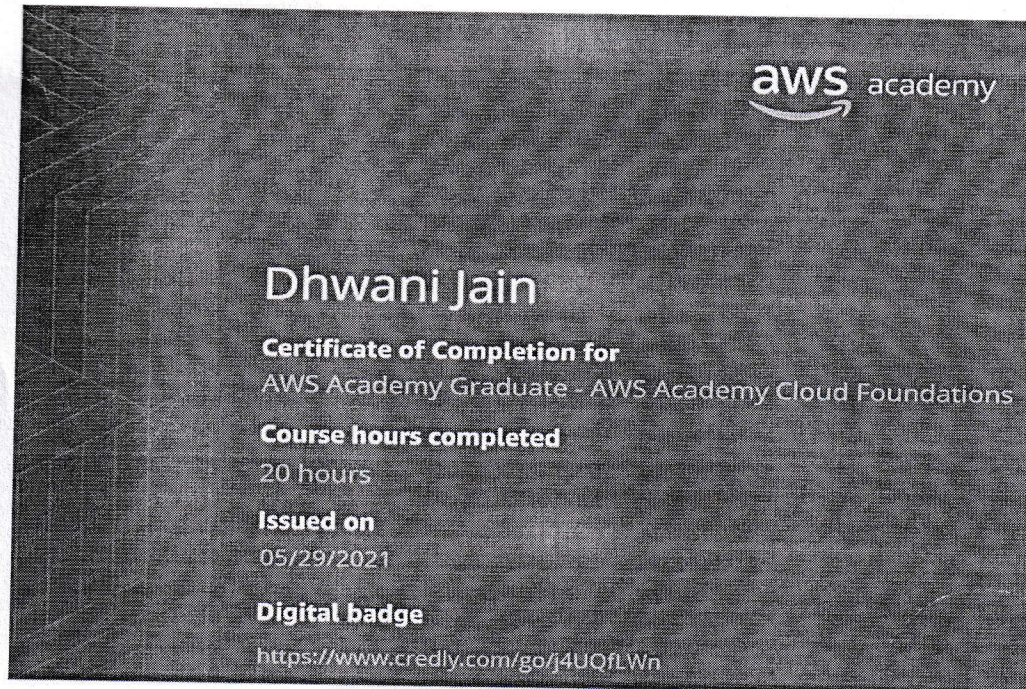


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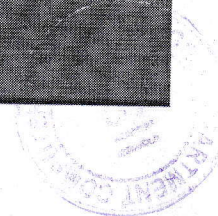
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Event: Virtualization Cloud Computing with AWS Certification

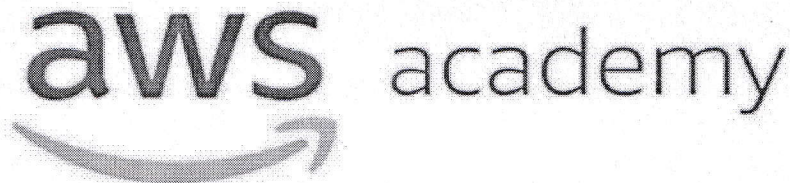
Sample Certificate:



Faculty Coordinator:



Link for registration for AWS training: <https://forms.gle/b7BMQQUsraiDkMZS7>



Prepare for the AWS Certified Cloud Practitioner Exam (Feb-2021)

Learning Objective: In this module, you will learn about the different services provided by AWS. You will be provided with an overview of the important resources required to architect an application.

AWS Certification Benefits

If you are still thinking about why you should chase Amazon AWS certification then you must know the importance of an AWS Certification. AWS Certifications are quite useful to pursue. Here are the benefits of getting an AWS certification which tell you how useful an AWS certification exam can be to your career.

1. Validates AWS skills and knowledge
2. Adds possibilities to get a hike in salary
3. Makes you desirable in the job market
4. Manifest commitment to a profession
5. Increases chances of getting hired
6. Opens door for new job opportunities
7. Makes you completely geeky

Note: AWS academy provide "completion certification" after complete all modules and Lab work

Image title

Professional

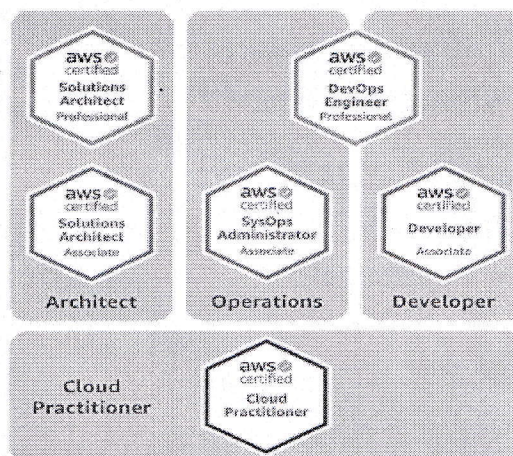
Two years of comprehensive experience designing, operating, and troubleshooting solutions using the AWS Cloud

Associate

One year of experience solving problems and implementing solutions using the AWS Cloud

Foundational

Six months of fundamental AWS Cloud and industry knowledge



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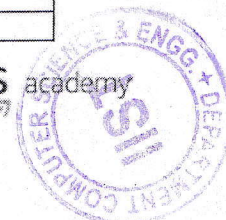
Course Outline

AWS Academy Cloud Foundations (ACF)

Course Contents

Digital training materials cover the same content as the lectures. It is not necessary to use both.

| | | Lecture | Activity | Total |
|--|-------------------------------------|---------|----------|----------|
| Course Introduction | | 35 min. | | 35 min. |
| Lecture or Video | Introduction | | | |
| Module 1: Cloud Concepts Overview | | 45 mins | 15 mins | 60 min. |
| Lecture or Video | Introduction to Cloud Computing | | | |
| Lecture or Video | Advantages of the Cloud | | | |
| Lecture or Video | Introduction to AWS | | | |
| Lecture or Video | Moving to the AWS Cloud | | | |
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 mins | |
| Knowledge Check | Cloud Concepts | | 10 mins | |
| Module 2: Cloud Economics and Billing | | 45 min. | 55 min. | 100 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | Fundamentals of Pricing | | | |
| Lecture or Video | Total Cost of Ownership | | | |
| Activity | Simple Monthly Calculator | | 20 min. | |
| Lecture or Video | Delaware North Case Study | | | |
| Lecture or Video | AWS Organizations | | | |
| Lecture or Video | AWS Billing and Cost Management | | | |
| Educator Demo | Billing Dashboard | | 10 min. | |
| Lecture or Video | Technical Support Models | | | |
| Activity | Support Plan Scavenger Hunt | | 10 min. | |
| Lecture or Video | Wrap-Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | Cloud Billing Economics | | 10 min. | |
| Module 3: AWS Global Infrastructure Overview | | 25 min. | 45 min. | 70 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | AWS Global Infrastructure | | | |
| Educator Demo | AWS Global Infrastructure | | 10 min. | |
| Lecture or Video | AWS Services and Service Categories | | | |
| Activity | AWS Management Console Clickthrough | | 20 min. | |
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | AWS Infrastructure | | 10 min. | |
| Module 4: Cloud Security | | 45 min. | 70 min. | 115 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | AWS Shared Responsibility Model | | | |
| Activity | AWS Shared Responsibility Model | | 10 min. | |
| Lecture or Video | AWS IAM | | | |
| Video Demo | AWS IAM Console Demonstration | | 5 min. | |
| Lecture or Video | Securing a New AWS Account | | | |
| Lab Exercise | Introduction to AWS IAM | | 40 min. | |
| Lecture or Video | Securing Accounts | | | |
| Lecture or Video | Securing Data | | | |
| Lecture or Video | Working to Ensure Compliance | | | |



Course Outline

AWS Academy Cloud Foundations (ACF)

| | | | | |
|---|--|---------|----------|----------|
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | Cloud Security | | 10 min. | |
| Module 5: Networking and Content Delivery | | 60 min. | 70 min. | 130 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | Networking Basics | | | |
| Lecture or Video | Amazon VPC | | | |
| Lecture or Video | VPC Networking | | | |
| Activity | Label This Diagram | | 5 min. | |
| Video Demo | Amazon VPC Console Demonstration | | 5 min. | |
| Lecture or Video | VPC Security | | | |
| Activity | Design a VPC | | 15 min. | |
| Lab Exercise | Build a VPC and Launch a Web Server | | 30 min. | |
| Lecture or Video | Route 53 | | | |
| Lecture or Video | CloudFront | | | |
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | VPC | | 10 min. | |
| Module 6: Compute | | 80 min. | 145 min. | 225 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | Compute Services Overview | | | |
| Lecture or Video | Amazon EC2 Part 1 | | | |
| Lecture or Video | Amazon EC2 Part 2 | | | |
| Lecture or Video | Amazon EC2 Part 3 | | | |
| Video Demo | Amazon EC2 | | 5 min. | |
| Lab Exercise | Introduction to Amazon EC2 | | 35 min. | |
| Activity | Amazon EC2 versus Managed Services | | 30 min. | |
| Video Demo | Amazon EC2 Part Console Demonstration | | | |
| Lecture or Video | Amazon EC2 Cost Optimization | | | |
| Lecture or Video | Container Services | | | |
| Lecture or Video | Introduction to AWS Lambda | | | |
| Activity | AWS Lambda | | 30 min. | |
| Lecture or Video | Introduction to AWS Elastic Beanstalk | | | |
| Activity | AWS Elastic Beanstalk | | 30 min. | |
| Lecture or Video | Wrap Up | | | |
| Activity | Sample Exam Question | | 5 min. | |
| Knowledge Check | Amazon Virtual Private Cloud | | 10 min. | |
| Module 7: Storage | | 45 min. | 85 min. | 130 min. |
| Lecture or Video | Introduction | | | |
| Lecture or Video | AWS EBS | | | |
| Video Demo | Amazon Elastic Block Store Console Demonstration | | 5 min. | |
| Lab Exercise | Working with EBS | | 30 min. | |
| Lecture or Video | AWS S3 | | | |
| Video Demo | AWS S3 Console Demonstration | | 5 min. | |
| Lecture or Video | AWS EFS | | | |
| Video Demo | AWS EFS Console Demonstration | | 5 min. | |
| Lecture or Video | AWS S3 Glacier | | | |
| Video Demo | AWS S3 Glacier Console Demonstration | | 5 min. | |
| Activity | Storage Technology Selection | | 20 min. | |



Event Coordinator:

Indore Institute of Science and Technology

Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Name of the event – **Virtualization Cloud Computing with AWS Certification**

Date – **19 Feb 2021**

| Feedback Summary | | | | | | | | |
|------------------|----|---|---|---|---|---|-------|-------|
| | 5 | 4 | 3 | 2 | 1 | 0 | COUNT | TOTAL |
| Q-1 | 60 | 5 | 4 | 0 | 0 | 0 | 69 | 316 |
| Q-2 | 62 | 4 | 3 | 0 | 0 | 0 | 69 | 322 |
| Q-3 | 63 | 3 | 3 | 0 | 0 | 0 | 69 | 327 |
| Q-4 | 62 | 7 | 0 | 0 | 0 | 0 | 69 | 310 |
| Q-5 | 61 | 7 | 1 | 0 | 0 | 0 | 69 | 309 |
| Q-6 | 66 | 0 | 3 | 0 | 0 | 0 | 69 | 342 |
| Q-7 | 62 | 3 | 3 | 1 | 0 | 0 | 69 | 322 |
| Q-8 | 65 | 4 | 0 | 0 | 0 | 0 | 69 | 325 |
| Q-9 | 62 | 4 | 3 | 0 | 0 | 0 | 69 | 322 |
| Q-10 | 59 | 5 | 5 | 0 | 0 | 0 | 69 | 315 |



Event Coordinator: