AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD

Department of Computer Science & Engineering | In association with NITTTR Chandigarh

PROGRAMME REPORT

One Week Faculty Development Programme (FDP)

"Mastering Cloud Computing with AWS Cloud"

09–13 March 2026 | Mode: Offline | Participants: 31

The Department of Computer Science & Engineering, Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad, successfully organized a One Week Faculty Development Programme (FDP) on "Mastering Cloud Computing with AWS Cloud" from 09–13 March 2026 in academic collaboration with NITTTR Chandigarh. The programme was attended by 31 faculty members and focused on developing practical cloud computing skills using Amazon Web Services (AWS). The sessions covered AWS EC2, Identity and Access Management (IAM), Amazon VPC, Storage Services, Database Services, AWS IoT, AWS Lambda, Amazon CloudWatch, Elastic Load Balancing, Auto Scaling, Amazon Bedrock, and Amazon Rekognition through expert lectures and hands-on laboratory sessions. The technical sessions were conducted by Dr. Mala Kalra, Assistant Professor, NITTTR Chandigarh, and Mr. Vipan Kumar, CEO, U-Net Solutions, Moga. The FDP was organized under the guidance of Prof. Amita Dev (Advisor), Dr. Hemant Ahuja (Director), and Dr. Anu Chaudhary (Convener & HoD, CSE), with support from Co-Conveners Dr. Shashank Sahu and Dr. Avdhesh Gupta (SMIEEE), and coordinated by Dr. Akhilesh Verma, Dr. Inderjeet Kaur (SMIEEE), and Dr. Ashish Dixit.

Day-wise Programme Schedule

Date	10:00–11:30	11:30–1:00	2:30–4:00
09 Mar 2026	Introduction to AWS Cloud	User Management, IAM & AWS Services	Using EC2 Services
10 Mar 2026	Working with IAM	AWS Storage Services	Practice Session
11 Mar 2026	Working with Amazon VPC	Deploying on EC2 & Auto Scaling	Elastic Load Balancing
12 Mar 2026	AWS Database Services	Amazon Bedrock & Rekognition	Practice Session
13 Mar 2026	AWS IoT Services	CloudWatch, SNS & Lambda	Validation Quiz

Resource Persons

- Dr. Mala Kalra – Assistant Professor, NITTTR Chandigarh
- Mr. Vipan Kumar – CEO, U-Net Solutions, Moga

Programme Outcomes & Impact

The FDP provided faculty members with practical exposure to AWS cloud services and modern cloud-native technologies. Participants enhanced their ability to deploy applications, manage secure cloud infrastructure, implement serverless solutions, monitor cloud resources, and explore AI-enabled AWS services. The programme concluded with a validation quiz and marked another significant step towards building a cloud-skilled and future-ready academic ecosystem at AKGEC.


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