aws academy

Disclaimer: This document is provided for informational purposes only. It represents AWS's current product offerings and practices as on the date of issue of this document and is subject to change. Customers are responsible for making their own independent assessment of the information in this document and any use of AWS's products or services. This document does not create any warranties, representations, contractual commitments, conditions or assurances from AWS, its affiliates, suppliers or licensors. The responsibilities and liabilities of AWS to its customers are controlled by AWS agreements, and this document is not a part of, nor does it modify, any agreement between AWS and its customers.

Background

More than 92% of employers in APAC expect to use AI-related solutions and tools in their organizations by 2028[1]. Studies show that AI can dramatically improve worker efficiency when workers are trained to use it. Hiring AI-skilled talent is a top priority for employers in India, who rank AI development as the most important technology skillset for job candidates. However, the rapid transition to an AI-enabled workforce created a labor market shortage of AI talent. 79% of employers in India cannot find the AI talent they need. Employers in India indicate they would pay a salary premium of over 54% for workers with AI skills. The AI skills gap can be reduced through more awareness of training programs.

Objective and Vision

Through the AWS Academy Program, the University/Higher Education Institution (HEI) will receive the benefit of cloud and AI/ML education. This will also help the University/Higher Education Institution (HEI) in its development to build a sustainable pool of talent equipped with critical IT skills, with knowledge to design, build and maintain cloud and AI/ML, to meet the challenges posed by the knowledge-based economy.

What is AWS Academy?

AWS Academy provides higher education institutions with free, ready-to-teach cloud computing, and AI/ML curriculum that prepares students to pursue industry-recognized certifications and in-demand cloud jobs.

The curriculum helps faculty stay at the forefront of AWS cloud, and AI/ML innovation so that they can equip students with the skills they need to get hired in one of the fastest-growing industries. The AWS Academy offers courses and learning resources that enable students to develop a range of skills in the AWS cloud. Some of the courses offered are:

- AWS Academy Cloud Foundations (ACF)
- AWS Academy Machine Learning Foundations (AMLF)
- AWS Academy Generative AI Foundations (AGAIF)
- AWS Academy Machine Learning for Natural Language Processing (AMLNLP)
- AWS Academy Data Center - Data Center Technician (DCT), Engineering Operations Technician (EOT)
- AWS Academy Cloud - Architecting (ACA), Developing (ACD), Operations (ACO),
- AWS Academy Data Engineering (ADE)

Pre-Requisites to signing up

- Approval from University Grants Commission (UGC) or the Govt. and established before 2016
- Infrastructure comprising of a networked Computer Lab with broadband connection
- Involvement in Faculty Members exam readiness training
- English speaking Faculty Members to teach students

NARASIMHA REDDY ENGINEERING COLLEGE * AUTONOMOUS * NRGM

Dr. M. Shoban

Director-IR & RDC

[1] Accelerating AI Skills: Preparing the Asia-Pacific Workforce for Jobs of the Future report

aws academy

Benefits

An opportunity to start e-learning

- Students and Faculty Members upskilling
- High employability quotient for in-demand skills due to hands on experience
- Facilitator Guide, and teaching material for Faculty Members/Educators

AWS Academy membership is open to Higher Education Institutions that offer accredited degrees, diplomas, certificates, or continuing education programs. AWS Academy Approved Educators (AAE) teach AWS Academy courses at AWS Academy Member Institution (AAMI). AWS Academy students take AWS Academy courses that give them the opportunity to develop a range of skills and expertise, from foundational cloud concepts to architecting, developing, operations, and AI/ML on AWS.

Process

To apply for an AWS Academy program,

a) Higher Education Institution authorized a Faculty Member/Educator to fill an online application form https://aws.amazon.com/training/awsacademy/ using Higher Education Institution email address only.

b) A consent email from the Chairman/VC/Director/Head of the Higher Education Institution is required, to be sent to the AWS Academy Leader using the template below.

c) Faculty Member and Educators attend compulsory AWS Academy Overview Webinar

This is to confirm that we have understood the AWS Academy details and would like to adopt this initiative in our higher education institution.

The Higher Education Institution intends training 1500 (No. of students) on the following curriculum (Cloud Foundation, Associate – Architect, Developer, Operations, Machine Learning Foundation, Generative AI foundations Data Engineering) – {Underline relevant} in 03 (number of quarters), (integrated/not integrated) {Underline relevant} Degree (Degree/Diploma/Certificate name).

Activity	Timeline – Date (D) from Institution
Nominated Educators completing orientation course	60 days (post approval)
No. of students envisaged to enroll annually	1500
Student training initiated for the 1st batch	Proposed Start Date (dd/mm/yy) 01/08/2026
Proposed End Date for the above batch	(dd/mm/yy) 31/07/2027
Students opt for certification	Within 90 days of course completion

More details of the program are available at **https://aws.amazon.com/training/awsacademy/**

30/7/2026

(Dr. M. Shoban)

NARASIMHA REDDY ENGINEERING COLLEGE ★ AUTONOMOUS ★ NRCM