

Identity & Access Management

JOB ORIENTED CYBER
SECURITY PROFESSIONAL PROGRAMS

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CIT – TLC Center of Excellence in Cyber Security



Coimbatore Institute
of Technology Teaching
Learning Center



SkillSDA[®]
Center for advance training

Identity Access Management

This course stresses upon the importance of IAM as a part of the enterprise application which will authorize the right person to have the access rights to the digital assets and resources of the organization, and help in facilitating the workflow of the enterprise from that perspective. This course acts as the very first step in ensuring the establishment of 101 of cyber security in the organization.

Course Description

In this course, you will learn about the importance of Identity and Access Management, Architecture and Life-cycle of Users, Privilege Access Management, Access Provisioning and Compliance Management aspects of enterprise application. As a first step in the Cyber Security, this course helps in realizing the importance of identity, access control, privileged access, and other concepts.

Prerequisites

Basics of Computer Science, Information Technology, Networking, Security, Access Control, OS fundamentals, Linux fundamentals.

Course Outline

- Introduction
- Importance of IAM
- Basics and Terminologies of IAM
- IAM in Enterprise and Cloud Environments
- IAM Architecture
- IAM Life-cycle
- User Access Management
- Privilege Access Management
- Multi-factor Authentication
- Session Management & Monitoring
- User Activity Compliance
- Case Studies



Learning Objectives

At the end of this course, you will be able to :

- Realize the importance of IAM
- Basics and Terminologies used in IAM
- Architecture IAM and Life-cycle of the Users
- User and Privilege Access Management
- Importance of Multi-factor Authentication
- Monitor the session and control user access

This course is offered to the students in the final year and pre-final year of any STEM course and students who have just passed out of college. This course is curated by the industry and developed by SkillsDA in preparation to make the students' job ready.

Course	Curriculum	VIL-Training Duration
Foundation Course in CyberSecurity	Cyber security fundamentals, ThreatsMitigation , Network security controls , Risk management , Incident management , Business continuity , Disaster recovery	
Labs & Tools	Kali Linux, Identify and Access Management tools on public cloud platform providers (such as AWS, Azure, Google Cloud etc.) , standard software tools and EM tools (such as IBM QRadar, Splunk Enterprise Security etc.)	10 Hours
Identity and Access Management Theory	IAM/PAM tool implementation , IAM/PAM tool Administration , IAM/PAM tool console monitoring , User Access Provisioning/Deprovisioning , IAM/PAM tool Up gradation , IAM/PAM tool Migration	30 Hours

Tools - Pingfederate

Preview on IAM and PingFederate , Installation of PingFederate , Overview of LDAP , SAML and Application Onboarding, OAuth and OpenID , Introduction to OAuth Grant Types and Working , Introduction to Application Sailpoint , CyberArk OKTA, PingFederate

Duration - 20 Hours

Tools - Sailpoint

Preview on Identity IQ , Product architecture installation & deployment , Introduction to application on-boarding , Correlation concepts of risks & policies certifications , About roles , Concepts of trouble shooting ,

Duration - 20 Hours

Delivery

All courses will be delivered in a blended format. Students will be provided with e-learning access to learn the topics in a self-paced manner and also attend classes in our Virtual Instructor-Led Training (VILT) Mode as per the calendar that will be released.

Assessment & Certification

- Students will learn through a series of topics from Fundamental to advanced course content.
- Students will be provided the best Hands-on training using Virtual Labs and Simulator.
- Students will practice to be job ready in the list of courses given above by learning the topics, the technology, the tools and the near real time environment.

Course Fee

Rs.39, 530.00

all inclusive (Rs.33, 500 + 18 % GST)

Other Courses Offered -

Foundation + Vulnerability Management
Foundation + Cognitive Threat Management
Foundation + GRC and Risk Management

Cost includes

E-learning access for 6 months + Virtual Instructor led training + Virtual labs access + Training on simulator + Assessment + Certifications.

Qualification

CIT-TLC-CoE-CS and SkillsDA will jointly conduct a pre training assessment of students based on which selected students can enrol themselves for the courses.

Internships & Job Opportunities

- Every student who completes the course will be given the choice to do an internship
- Students who successfully complete the course with good score, will have a very high chance to get the job offer from TCS

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BE EMPLOYABLE**

FOR A BETTER FUTURE

Contact Details

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