

Future Skills Program in West Bengal

Supported by IBM SkillsBuild

Implementation Partner-
Edunet Foundation

Sept-Oct 2023



IBM SkillsBuild for Job Seekers

A free digital platform that gives every adult the opportunity to develop technology and professional skills regardless of your background, education, or life experiences.

Comprehensive ecosystem to support

- **Learning needs** – tens of thousands of courses on technical and professional skills with certification and badges from IBM
- **Hands-on experiential learning** experiences – opportunities to participate in the project-based learning and industry mentorships
- **Access to employment** – opportunities to join digital work / job fairs for employment opportunities



<http://skills.yourlearning.ibm.com/>

1,700,000+
Learners Onboarded

38,000+
Access to Employment

1,000,000+
Course Completions

1,000,000+
Learning Hours

Learning Objectives on Tracks

Job Readiness	Emerging Technologies	Digital Literacy
<ul style="list-style-type: none"> ⑩ Self-awareness and career Exploration ⑩ Identity personal, strengths, interests ⑩ Set realistic career goals based on SWOC analysis ⑩ Resume and Cover letter writing and Linked in profile creation ⑩ Develop Job search strategies through utilizing linked in profiling, social media platforms (e.g LinkedIn) ⑩ Demonstrate Professional attitude and achieve further. 	<ul style="list-style-type: none"> • Understand the implications of AI in various industries and society as a whole • Familiarize yourself with different cloud service models and cloud providers • Understand common cybersecurity threats and attack vectors. • Learn statistical analysis and data visualization techniques. • Understand the architecture and components of IoT systems. 	<ul style="list-style-type: none"> ⑩ Introduction to the basics of Digital literacy ⑩ Importance of digital literacy, Online communication, credibility, and reliability of online sources. ⑩ Introduction to digital Footprint ⑩ Role of social media, Identify and protect against common online threats. ⑩ Being safe online, Recognize and manage digital addiction and online stress ⑩ Promote positive online interactions and mental well-being

Job Readiness

In this virtual workshop, we aim to equip participants with the essential knowledge to thrive in the competitive job market. Through interactive sessions and hands-on activities, we will cover a wide range of topics, including resume writing and interview techniques.


We'll delve into effective communication and interpersonal skills, essential for building strong professional relationships. Moreover, we'll explore strategies for enhancing time management and organizational abilities, critical for success in any role. Our experienced facilitators will also guide students in understanding employer expectations and industry trends, empowering them to tailor their skillset to meet the demands of the job market.

By the end of this session, they be well-prepared to navigate the job search process confidently and stand out as a qualified and sought-after candidate.

Session Overview and Topics To Be Covered

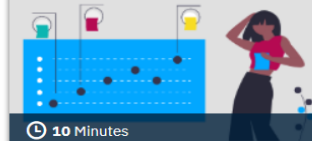
Topics	Sub Topics
Professionalism-Etiquettes	Communication Skills
	E-mail Writing
	Presentation Skills
	How to face challenges
	Resolving with critical thinking
Resume Building & LinkedIn Profiling	Resume writing, format and layout
	LinkedIn Profiling and creating a profile

Review the company



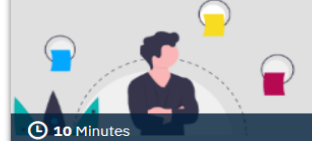
🕒 15 Minutes

Review the job



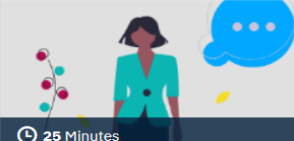
🕒 10 Minutes

Plan answers to three tough questions



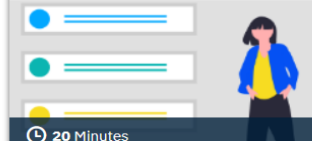
🕒 10 Minutes

Practice answering behavioral questions



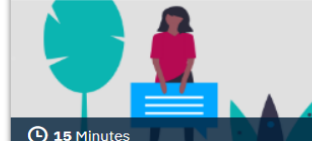
🕒 25 Minutes

Plan your interview day



🕒 20 Minutes

Follow up after the interview



🕒 15 Minutes

Emerging Technologies

We will delve into the exciting world of cutting-edge technologies that are shaping our future. Through engaging presentations, demonstrations, and hands-on activities, we will explore the latest trends in artificial intelligence, cyber security, frontend, virtual and more.

Our experienced experts will walk students through real-world applications of these technologies across various industries, providing insights into how they are revolutionizing businesses and societies.

Whether students is a tech enthusiast, entrepreneur, or simply curious about the possibilities that lie ahead, this session will equip them with the knowledge and inspiration to navigate the fast-paced world of emerging technologies and stay ahead of the curve.

The screenshot shows the IBM SkillsBuild interface for a learning plan titled "Explore Emerging Tech (Earn a badge!)". The plan includes a progress bar with seven modules: Cloud computing (0 of 2 complete), Artificial intelligence (AI) (0 of 2 complete), Cybersecurity (0 of 3 complete), Data science (data and analytics) (0 of 3 complete), Badge information (Optional), Internet of Things (IoT) (0 of 1 complete), and Blockchain (0 of 2 complete). The interface also features a "Start tracking progress" button and a "Show more" link for additional information.

Topics To Be Covered

- Cloud Computing
- Artificial Intelligence
- Cyber Security
- Data Science
- Block Chain
- Internet of things

Digital Literacy

In this increasingly interconnected world, digital literacy has become an essential skill for individuals of all ages. In this workshop, we will demystify the digital landscape and equip students with the fundamental knowledge and tools to navigate it with confidence.

- Understand the significance of digital literacy in today's interconnected world.
- Master basic computer skills, internet usage, and effective online research techniques.
- Practice safe and ethical online behavior, including protecting privacy and identifying online risks.
- Utilize digital tools and platforms for communication, collaboration, and continued learning.
- Develop critical thinking skills to evaluate online information and avoid misinformation.
- Cultivate a positive digital presence and engage in respectful online interactions.

IBM SkillsBuild



eLearning

Digital Footprint | Coursera

15 mins 🏠 31,367 ★★★★★ 541

About this learning activity

The course will focus on the different dimensions of a digital footprint, including developing an effective online presence, managing your privacy, creating opportunities for networking, balancing and managing professional and personal presences (eprofessionalism). By the end of this course (MOOC) you should be equipped to ensure that your digital footprint works for you, whether you want to be more private online, or are looking to create a more effective and impactful presence. This course is located on Coursera.org and may be taken for no cost.

This course is offered by Coursera and the University of Edinburgh. It is an online, self-paced course that is beginner level.

Topics To Be Covered

- Digital Footprints
- Effective use of Social media
- Manage Digital addiction and online stress
- Protection against common online threats

Training Overview

Day	Topic	Mentor Led Session Duration (H)	Self-Paced Learning
1	Program Orientation + Cyber Security Awareness	2	1
2	Emerging Tech	2	5
3	Job Readiness	2	5
4	Digital Literacy	2	5
-	Total	8	16

Eligibility Criteria

The program is open all students across all science and arts streams.

Students from higher-education are invited to participate in this IBM SkillsBuild program brought to them in partnership with West Bengal Higher Education Department.

Program Timeline

Date	Day	Activity
11-09-2023	Monday	Google Form Shared
21-09-2023	Thursday	Google Form Closed
23-09-2023	Saturday	Students to be added in WhatsApp Group
25-09-2023	Monday	Program Orientation + Cyber Security Awareness
26-09-2023	Tuesday	Mentor Led Training: Emerging Tech.
27-09-2023	Wednesday	Mentor Led Training: Job Readiness
28-09-2023	Thursday	Mentor Led Training: Digital Literacy

Batch Timings: 4:30 p.m. to 6:30 p.m.

Deadline for learning plan:30th Sept'23

Certificates will be delivered after one week of conclusion of the batch

Program Process

Google form
to be filled
by the
student



Orientation
Session



Mentor-Led
Session

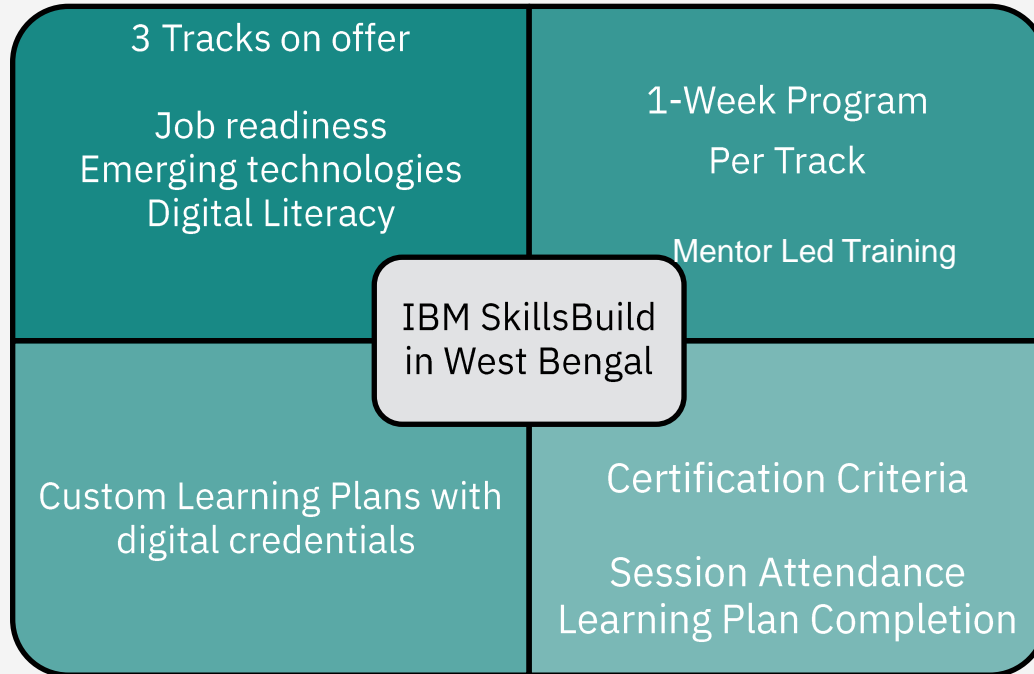


Self-paced
learning



Certification

Future Skills in West Bengal



Instructions for Students



- Students must participate in all mentor-led sessions
- Students should mark their attendance without fail in each session
- Students should pursue self-paced learning through given Learning Plans and complete courses on IBM SkillsBuild as per the process shared within the timeline
- If any of the above criteria is not met, student will not be eligible for certification


Course Catalog Snapshot

- Job role-based learning for learners
- More than 85,000+ self-paced courses
- Badges and certifications for learners which are globally recognized


Technology skills

- Agile Methodology
-  Agile Explorer - Powered by Agile at IBM - Earn a badge!
- Agile and Design Thinking
- Artificial Intelligence
- Blockchain
- Cloud Computing
- Cybersecurity
- Data and Analytics
- Design Thinking
- Digital Marketing
-  Explore Emerging Tech - Earn a badge!
- How It Works: Emerging Technology
- IBM Watson
- Innovative Ways of Working
- Internet of Things (IoT)
- Open Source Software (Technical Overviews from Red Hat)
- Quantum Computing

Professional skills

- Career Planning
- Career Exploration Ideas
- Collaboration
- Communication Skills
- Critical Thinking
- Decision Making
- Digital Literacy
- Diversity and Inclusion
- Entrepreneurial Mindset
-  Explorations into Mindfulness
- Interpersonal Skills
- Leadership
- Mindfulness
- Problem Solving
- Professionalism at Work
- Project management
- Resilience
- Virtual Teaming
-  Working in a Digital World: Professional Skills - Earn a badge!

Job readiness skills

- Develop a LinkedIn Profile
- Write a Good Resume
- Build Interview Skills
-  Job Application Essentials - Earn a badge!
- Succeed at Work
- Search for Work in Difficult Times
- Work from Home
- SkillsBuild Presents: Job Exploration Webinars

Learners will be supported / guided with virtual instructor led sessions to build familiarity with platform and courses

Program Resources for Students

1.1 Orientation

- + What happens in the orientation?
- + Is it mandatory to attend the orientation session?
- + Do I need to be of technical background to part of this program?
- + Do I need to be of technical background to part of this program?

Support Videos

Guided Projects

Student FAQs

Custom Learning Plans

1.2 Registration

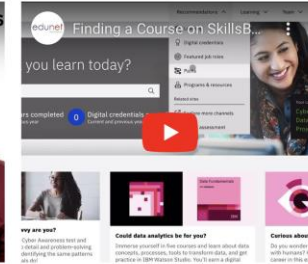
- + How do I sign up for IBM Skills Build for Adult learners (Job seekers/Faculty Members/Teachers)?
- + Must I require Gmail account to sign up on IBM Skills build?
- + Is my data secure on the IBM Skills build page?
- + What should be the configurations to access the content?



How to register on SkillsBuild



Welcome to SkillsBuild



How to find a course



About the Project

NS2 stands for Network Simulator Version 2. It is an open-source event-driven simulator designed specifically for research in computer communication networks. This course will give you the necessary skills to perform Network and Security related hands-on.

Learning Outcomes

- Install NS2 (Network Simulator) and NAM (Network Animator) in Ubuntu Operating System
- Create a Network topology and generate TCP and UDP Traffic
- Perform Denial of Service (DOS) attack on Network



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Learning Plan

Edunet - Cyber Security

🕒 Days 🏠 69 ⭐⭐⭐⭐ 7



THANK YOU