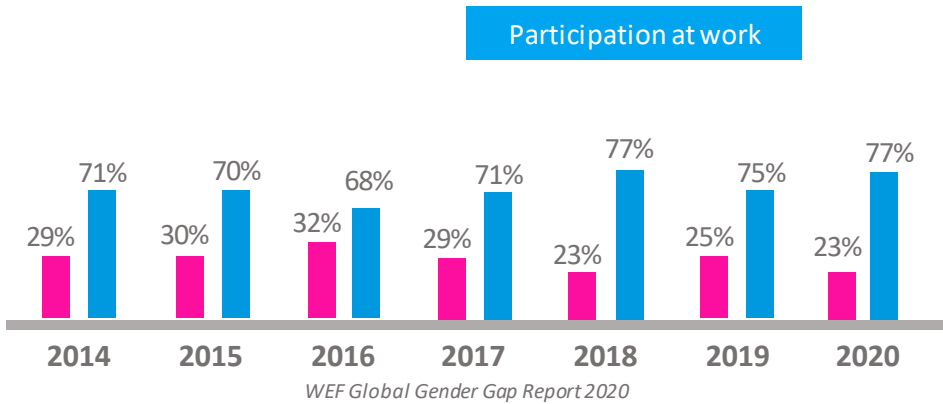


 TechSaksham

Enabling and empowering women learners
for technology careers

Huge gender gap in technology workforce

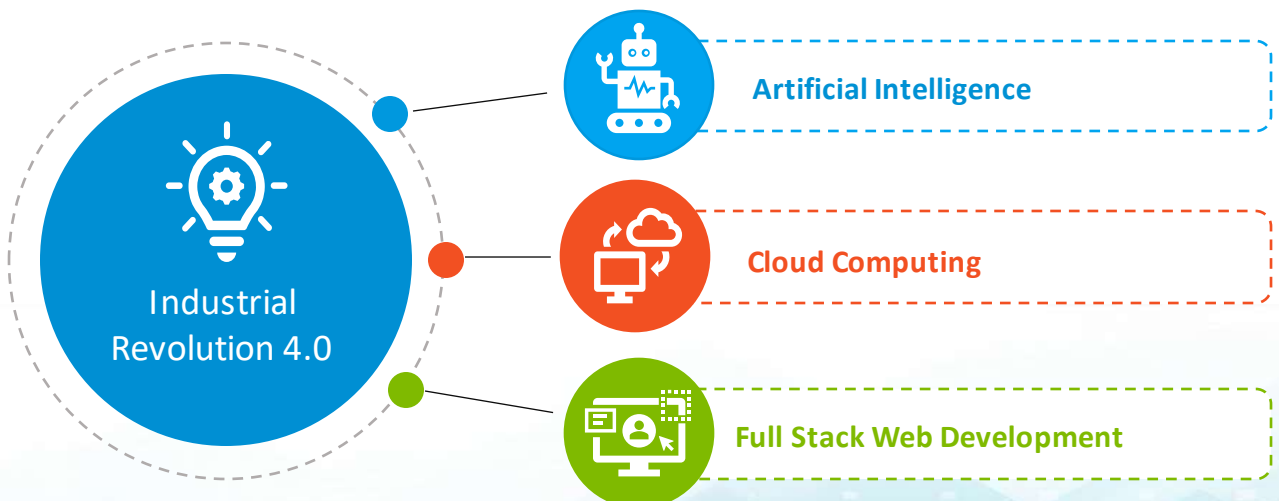
Women constitute roughly half the total population of the country. As per All India Survey on Higher Education 2018-19 report published by the Ministry of Education, Government of India, the ratio of female enrollees to male enrollees increased from 84% in 2014-15 to 95% in 2018-19. Employability is ranked at 46%. Despite this, participation of women in the workforce – specifically in roles related to the 4th Industrial Revolution - has remained low. According to the World Economic Forum’s Gender Gap report 2020, only 17% of current workforce in Cloud Computing is female. For Artificial Intelligence, this stands at only 24%. For engineering in general it is just 20%.



India is among the 10 countries with lowest female workforce participation

TechSaksham Program

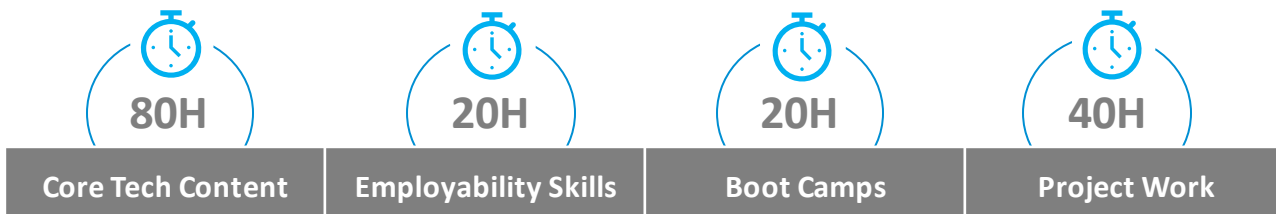
Edunet Foundation, with support from **Microsoft Corporation India Pvt. Ltd.** And **SAP India Pvt. Ltd.**, had launched the **TechSaksham Program**, for enabling, empowering, and accelerating women learners from underserved communities or backgrounds towards technology careers. The program aims to upskill female learners in key industry relevant domains and high demand areas - Artificial Intelligence, Cloud Computing and Full Stack Web Development to create pathways towards industry by supporting them with jobs or internships or micro-entrepreneurship opportunities



TechSaksham: Program Overview




- TechSaksham has a program duration of 160 hours.
- Over 40 hours of optional and supplementary content.
- Content is delivered in a hybrid mode (Offline & Online).
- Access to Learning Management System with Self-Paced Courses, Class Recordings, Assessments and option to track individual progress.
- Focus on experiential learning; Guiding Exercises, Team Projects and Expert Sessions.
- Access to Microsoft and SAP self-paced courses.

160 Hours Program

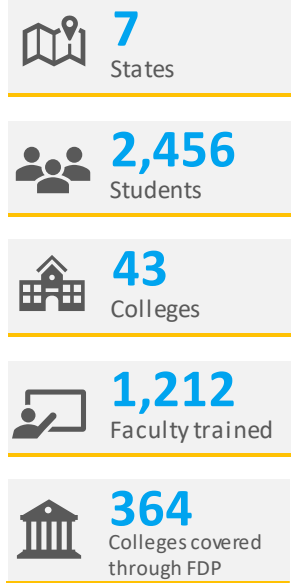


TechSaksham: Program Tracks

TechSaksham Program offers three course tracks to students, outlined below. Students to choose an appropriate stream based on their existing skills and interest.

 Full Stack Web Development	 Cloud Computing	 Artificial Intelligence
<ul style="list-style-type: none">Work with most popular web development technologiesCreate and host websites and web apps for commercial usageCreate responsive and interactive UIWork with React JS framework to create responsive web applicationsWork with JAVA Spring framework for end-to-end web solutions	<ul style="list-style-type: none">Benefits of cloud computingWork with cloud infrastructure and core servicesCreate and manage virtual instances on cloudChoose and host applications on appropriate cloud servicesCreate and host containerized applications on Azure cloudCreate AI features for you application using cloud APIs	<ul style="list-style-type: none">Different tools and python packages used for developing AI applicationsPerforming detailed data analysisHow to process structured and unstructured dataCreating, training, testing and deploying ML algorithmsUsing cloud-based tools for AI implementations




TechSaksham Program : 2021-22 Highlights



Program benefits for learners

-  Market linked upskilling to boost employability
-  Project based experiential learning with technology boot camps, hackathons and community centric project work
-  Tech talks and career conversations with industry leaders and experts
-  Access to internships, jobs and entrepreneurial opportunities to all participants that meet program requirements.

Program benefits for participating institutions and faculty members

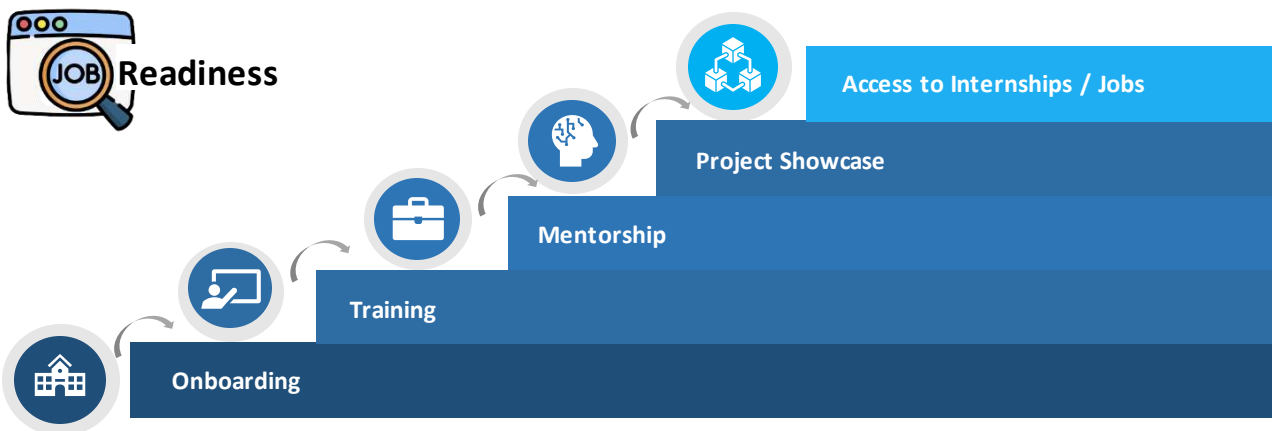
-  Access to a wider body of knowledge in IR 4.0 technologies
-  Faculty Development Program for long term teaching professional upskilling
-  Improved student outcomes



Over 437 Capstone Projects Completed
600+ Students Placed



TechSaksham Program: Learner's Journey



Vineetha believes that the TechSaksham Program bridges the gap between education and job requirements by providing hands on learning, bringing her closer to her dream. What started as means to end has ended up providing Vineetha her job of dreams. She says, "It's not like anormal engineering job, where you sit Infront of the laptop entire day but rather it will push me to stand up to new challenges!"

Vineetha
RGUKT Ongole

Hrishi ka calls programs like TechSaksham an opportunity for women to realize their true potential. TechSaksham Program has provided them with specialized skills, access to dosed source software and in-depth training from experienced trainers and has enabled them as proficient Tech Professionals. At her intemship with Data Hash, she is focused on learning about market skills, and she credits the structured and holistic approach of TechSaksham Program for her journeyso far.

Hrishi ka Rai
Govt. Engineering College, Dahod

Gunasundari cracked her first perfect code during her first dass with TechSaksham and since then she started her journey to excel at Web designing. She grasped the technical know-how of Web Designing through experiential learning under the guidance of TechSaksham mentors and industry experts. After 6 months of weekly dasses along with expert workshops about upcoming technologies as well as soft skill/employability training she gained professional knowledge of the field. During her classes she was given practical exercises to improve her skills and was often the first one to complete the given task in mere minutes.

Gunasundari
Govt. Engineering College, Thanjavur



Program Sponsors



About Microsoft

Microsoft (Nasdaq "MSFT" @microsoft) enables digital transformation for the era of an intelligent cloud and an intelligent edge. Its mission is to empower every person and every organization on the planet to achieve more. Microsoft set up its India operations in 1990. Today, Microsoft entities in India have over 16,000 employees, engaged in sales and marketing, research, development and customer services and support, across 11 Indian cities – Ahmedabad, Bengaluru, Chennai, New Delhi, Gurugram, Hyderabad, Kochi, Kolkata, Mumbai, Noida and Pune. Microsoft offers its global cloud services from local data centers to accelerate digital transformation across Indian startups, businesses, and government organizations.



About SAP

SAP India is the fastest growing subsidiary of SAP SE, the world's leading provider of business software solutions. SAP India began its operations in 1996 with headquarters in Bangalore and offices in Mumbai, New Delhi, Kolkata, and a direct presence in nine cities across India, besides having marketing associates in Sri Lanka and Bangladesh. Declared as the 'Hub of the year in the Asia Pacific and Japan' in 2007, SAP India witnessed an unprecedented growth of over 100% both in terms of license revenue and customer acquisition.

Program Partner



About Edunet Foundation

Edunet Foundation (EF) promotes youth skilling, innovation, and entrepreneurship. It works with top global technology companies and Indian multinationals to further its goals. It has been working across the education spectrum – with government agencies, colleges, and schools around India – to help prepare our future workforce for future careers. Edunet Foundation enjoys "Special Consultative Status" with the Economic and Social Council at the United Nations. Edunet Foundation was recently certified as a "Great Place To Work", by the Great Place To Work Institute, the global entity that evaluates workplaces on key criteria such as credibility, respect, fairness, pride, and camaraderie.





Reach out to us for more information


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 info@techsaksham.org

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