

KAUSHAL किरण

TELECOM SECTOR SKILL COUNCIL
NEWSLETTER



Telecom Sector Skill Council at IndiaSkills 2024

15-19 May, 2024 - The Telecom Sector Skill Council (TSSC) participated in the IndiaSkills competition 2024, showcasing talent in the Information Network Cabling skill category. Participants from various states, each having excelled at district levels, converged at the national stage to compete at the highest level of skill and proficiency.

During the national championship, 15 participants exhibited their expertise in Information Network Cabling, completing the rigorous competition with impressive performances.



Amit Kumar (Gold, Bihar), Mukesh Kumar (Silver, Haryana),
Sahil (Bronze, Delhi)

The competition culminated in the selection of three finalists who will represent India at the WorldSkills Championship, a global platform for showcasing vocational skills. Among these finalists, Amit Kumar, representing Bihar at IndiaSkills 2024, emerged as the champion, winning the gold medal in the *Information Network Cabling Skill* category.

Amit will now represent India at the WorldSkills 2024 Championship in Lyon, France.



#TSSCATINDIASKILLS2024

Mr. Atul Kumar Tiwari, (Secretary for the Ministry of Skill Development and Entrepreneurship) and Mr. Ved Mani Tiwari (Chief Executive Officer, NSDC) inaugurated the event and served as a source of inspiration.

IndiaSkills 2024 was a monumental event in the landscape of vocational training and skill development in India, bringing together over 900 talented candidates from more than 30 states and Union Territories.



The competition also featured a total of 61 skill categories, with 47 being conducted onsite and 14 held offsite. These skill categories spanned various sectors, demonstrating the extensive range of competencies that participants brought to the table. There were skill stars from all over the nation in the Information Network Cabling Skill Category.



The journey to the IndiaSkills 2024 was a testament to the hard work and dedication of these individuals. Held at the grand Yashobhumi Convention Centre in Delhi, the championship brought together the finest talent from across the country. TSSC was represented by 16 exceptionally skilled participants in Information Network Cabling category, each of whom had demonstrated remarkable competence and determination to reach this stage.

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IndiaSkills 2024 truly showcased the power of skill development! *Information Network Cabling* is a crucial skill for the telecom industry, and the enthusiastic participation this year has been inspiring. Congratulations to all participants, especially Amit, who won the gold. I commend the spirit of the competition in highlighting the talents of young Indians to the world. I urge the industry to join this competition, embrace the Information Network Cabling skill category next year, and be part of this remarkable event.”

Praveen Sirohi
CEO (Interim)
Telecom Sector Skill Council

UPSKILLING IN NEW TECHNOLOGIES

TSSC and Semicon Academy Partner for Upskilling in New Technologies



Semicon Academy has signed a Memorandum of Understanding (MoU) with the Telecom Sector Skill Council (TSSC) to collaborate on focused skill development initiatives in the fields of Semiconductors and Very-Large-Scale Integration (VLSI) technologies.

This collaboration will initiate a series of targeted skill development programs designed to impart advanced technical knowledge and practical skills in semiconductors and VLSI technologies. These programs will be tailored to meet the specific needs of the telecom sector, ensuring that participants are industry-ready.

APSSDC and TSSC introduce Innovative 5G Course for Engineering Students



Telecom Sector Skill Council in partnership with DADB is executing a project under the governance of APSSDC for "5G Communication Technology".

The project was launched at an event, in attendance were Dr. Vinod Kumar V, MD & CEO APSSDC, along with Mr. Neelesh Reddy, Director DADB India Pvt Ltd, Mr. Nomula Prasad, Regional Business Head, TSSC, Ms. T V Saranya, Regional Head - Project Head, DADB India Pvt Ltd and Mr. Satyaraj, Manager, APSSDC.

This groundbreaking initiative underscores a commitment to nurturing skilled professionals in the dynamic realm of 5G technology. Through a strategic partnership with the Department of Andhra Pradesh Skill Development, and DADB, TSSC aims to unlock new opportunities for the state's youth, enhancing employability and contributing to the flourishing technological landscape.

The project, designed to meet industry standards, promises to empower students with the latest knowledge and practical skills essential in the 5G era. By blending online and offline components, APSSDC and TSSC aim to provide a flexible and immersive learning experience. We believe this program will open new avenues for the youth of Andhra Pradesh and contribute significantly to the state's progress in the field of 5G technology.

HIRING & LEARNING

TelcoJobs.in Premium: Dedicated hiring solutions for India.

This digital revolution has created a surge in demand for skilled professionals across various telecom domains. To bridge this gap between skilled talent and industry needs, the Telecom Sector Skill Council (TSSC) has launched a premium service on its job portal, TelcoJobs.in

TelcoJobs.in is a dedicated platform, an ecosystem for companies and job seekers, bridging the job market gap for the tech and telecom space. TelcoJobs Premium connects companies with a curated selection of qualified professionals, streamlining the recruitment process and ensuring they find the perfect fit for their specific requirements, through a dedicated team.

This membership unlocks a massive talent pool with access to over 3 lakh TSSC Skill India profiles. You'll benefit from prominent placement for your job postings, featuring them above the rest.

Additionally, TSSC throws the spotlight on your company with promotion through exclusive nationwide job fairs, access to premium profiles, and social media exposure on both TSSC and TelcoJobs.in platforms. To further solidify your brand presence, premium subscribers shall be hiring partners with TelcoJobs.in and shall be showcased on tsscindia.com & TelcoJobs.in

Email for more information at
jobssupport@tsscindia.com

“Telecom Essentials” digital certifications with Telcolearning.com

“Telecom Essentials” is a series of 10 online digital certification courses developed by the Telecom Sector Skill Council on TelcoLearning.com. These courses are designed to empower Indian youth for employment and entrepreneurship.

The 10 courses are

1. Entrepreneurship Skills in Telecom
2. In-building FTTH/X
3. Optical Fiber Splicing & Installation
4. Network Infrastructure introduction
5. Wireless Networking Essentials
6. Network Troubleshooting
7. Electrical tools for telecom
8. Mobile Repairing
9. Telecom Electrician Basics
10. Telecom Electrician Advanced

All of these courses are available as a single capsule course “The Complete Telecom Essentials Course”. TelcoLearning.com is an online library of digital courses for the new workforce of India. *Telecom Essentials* is aimed at the workforce who are currently working in the sector or are seeking employment opportunities.

We also urge companies to upskill their employees with these courses for a comprehensive dive into the skills and certify their employees with TSSC.

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- Promotion on TSSC social media
- Logo on TSSC & TelcoJobs.in

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LEADING THE SEMICON REVOLUTION

For decades, India has aspired to become a leader in the semiconductor industry. With strategic efforts and investments, the country is poised to transform its semiconductor sector, striving for native independence and economic growth. In FY 2024, the Indian government approved a significant investment in semiconductor and electronics production, marking a pivotal moment in the country's technological advancement.

India's ambitious semiconductor initiative includes the establishment of its first state-of-the-art semiconductor fab, along with two packaging and test facilities. These projects, \$15.2 billion, aim to enhance the country's semiconductor manufacturing capabilities.

The fab will be in a new industrial zone in Dholera, Gujarat, Prime Minister Narendra Modi's home state. Tata projects that this venture will directly or indirectly create over 20,000 skilled jobs in the region, contributing significantly to local employment and economic growth. As India's semiconductor market, valued at \$22 billion in 2019, is expected to triple to \$64 billion by 2026 and grow to \$110 billion by 2030, the demand for a skilled workforce is more critical than ever.

The semiconductor industry requires a diverse range of skill sets, including fabrication, design, testing, and software development. According to the IT&IF report, about 20 percent of the world's semiconductor design engineers are based in India, highlighting the country's potential in this field. Between March 2019 and 2023, semiconductor job openings in India increased by 7 percent, indicating a growing demand for skilled professionals.

To meet this demand, India aims to inspire engineering and technology students to upskill in semiconductor-based technologies. This includes fostering expertise in areas such as VLSI (Very Large Scale Integration) design, which is crucial for developing advanced semiconductor devices. The Telecom Sector Skill Council (TSSC) recognizes the existing skill gap and has initiated several programs to develop skills among the Indian youth.

Recently, TSSC partnered with "Semicon Academy" to offer specialized training in design, testing, and physical implementation in the VLSI domain. This initiative aims to integrate high-end skills training into colleges, schools, and corporate environments within this fiscal year. The goal is to build a robust talent pool capable of driving innovation and growth in the semiconductor industry.

The convergence of the semiconductor and telecom sectors is pivotal for technological advancement in India. Semiconductors are fundamental to telecom devices' functioning, and the telecom sector's growth further amplifies the need for skilled semiconductor professionals. With the advent of 5G technology and the increasing reliance on smart devices, the demand for advanced semiconductor components in telecom infrastructure is surging.



TSSC's initiatives are designed to bridge the skill gap in the telecom sector. By equipping students and professionals with the necessary skills, TSSC aims to support the deployment of cutting-edge telecom technologies and the development of indigenous semiconductor solutions. This symbiotic relationship between the two sectors is expected to drive innovation, create job opportunities, and position India as a global semiconductor hub. By nurturing a skilled workforce, the country can ensure sustained growth, innovation, and self-reliance in the semiconductor and telecom sectors, contributing significantly to its economic and strategic objectives under the Viksit Bharat 2047 vision.

"The Indian semiconductor industry's growth trajectory is promising, bolstered by substantial government investments and strategic skill development initiatives. It is a significant boost for the Indian semiconductor industry and will benefit the aspiring youth and the Digital India movement," says Sumit Munjal (Senior General Manager, Telecom Sector Skill Council). "This initiative will enhance many startups, create jobs, and drive product development, particularly in the telecom, electronics, and power sectors. It will attract talented students to electronics and related courses, foster skilling, and pave the way for India to become the next semiconductor talent hub."

As India advances towards becoming a global leader in semiconductor manufacturing, the focus on skill development will be crucial.