



KAUSHAL किरण

TSSC NEWSLETTER

2026 | Q1 EDITION

Safety in telecom is critical to ensuring uninterrupted connectivity, reliable network operations, and the well-being of the workforce that builds and maintains communication infrastructure. Telecom professionals often work in high-risk environments involving tower climbing, electrical systems, fiber deployment, confined spaces, and live network equipment. Strong safety practices help prevent accidents, reduce operational downtime, and ensure compliance with industry and regulatory standards.

As telecom networks expand with technologies such as 5G, fiberisation, and smart infrastructure, the complexity of field operations continues to grow. This makes safety awareness and technical preparedness more important than ever. Professionals equipped with proper safety knowledge are better able to identify hazards, use protective equipment correctly, follow standard operating procedures, and respond effectively during emergencies. A skilled and safety-conscious workforce directly contributes to operational efficiency and service quality.

Skilling in telecom safety is therefore not only a professional responsibility but also an industry necessity. Structured training and certification help telecom professionals stay updated with evolving technologies, safety protocols, and best practices. By investing in telecom safety skilling, the industry can create safer workplaces, improve productivity, and build a future-ready workforce capable of supporting the growing demands of digital connectivity.



TABLE OF CONTENTS

CEO's Message

Governing Council Members

TSSC Spectrum of Activities

Sub-Sectors & Qualifications

Industry Engagements

International Collaborations

Corporate Social Responsibility (CSR)

Placement & Job Fair

TSSC Events & Updates

IndiaSkills & WorldSkills Competitions

India's Telecom Landscape

CEO'S MESSAGE



Dear Readers,

Every quarter offers an opportunity to reflect on our progress and look ahead at the evolving telecom landscape.

This quarter, TSSC continued to strengthen its industry engagement through initiatives such as the WeCare Electrical Safety programme with Altius, reinforcing our commitment to a skilled workforce with safety at its core.

Our collaboration with MICT SETA and The Cortex Hub, South Africa, also marked an important milestone with the successful completion of the Training of Trainers Programme in 5G Telecommunications and Emerging Wireless Technologies at IIT Delhi. This initiative reflects our commitment to global partnerships and developing future-ready talent. As you explore this edition, you will find highlights of our industry engagements, training initiatives, partnerships, and other developments supporting India's growing digital ecosystem.

With emerging opportunities in AI, cybersecurity, subsea infrastructure, satellite communications, data centres, and next-generation connectivity, TSSC remains committed to building an agile and future-ready skilling ecosystem through stronger collaboration across industry, academia, government, and global partners.

I thank our Governing Council, partners, training providers, academic institutions, and government stakeholders for their continued support.

I hope this edition of Kaushal Kiran offers valuable insights into our journey and inspires continued collaboration towards a more connected and future-ready India.

**Lt Gen K H Gawas,
PVSM, VSM
(Retd).**

CEO, TSSC



Governing Council Members



Mr. Akhil Gupta
Former Vice Chairman | Bharti Enterprises
Chairman | TSSC



Mr. Kapil Ahuja
EVP | Jio
Vice President | TSSC



Mr. Pankaj Mohindroo
Chairman | ICEA
Secretary | TSSC



Mr. Manoj Kr Singh
DG | DIPA
Treasurer | TSSC



Lt Gen K H Gawas,
PVSM, VSM (Retd)
CEO | TSSC

MEMBERS



Pankaj Kr Salodia
DoT
Member



Rajiv Nandwani
NSDC
Member



Tulika Pandey
MeitY
Member



Lt Gen Dr SP Kochhar
COAI
Member



Amrita Padda
Bharti Airtel
Member



Ambika Khurana
Vodafone Idea
Member



Lohit Bhatia
Quess Corp
Member



Hari Om Rai
Lava
Member



Rajesh Agarwal
Micromax
Member



Dr. Rihan Khan
Suri
JMI University
Member



Dr. Krishna
Sirohi
IIT Delhi
Member

ADVISOR



Anjali Hans

Welcoming New Governing Council Members



Pankaj Kr Salodia

Deputy Director General (Skill Development)
Dept. of Telecommunication (DoT)

Pankaj Kumar Salodia brings over 25 years of leadership experience across the Department of Telecommunications, BSNL, and the Ministry of Information & Broadcasting.

His expertise spans telecom operations, policy, regulation, HR, procurement, and governance, contributing significantly to India's telecommunications and public administration ecosystem.



Rajiv Nandwani

Chief Technical Officer
National Skill Development Corporation (NSDC)

Rajiv Nandwani is a technology leader with 30+ years of global experience across leading organizations including HCL Technologies, IndiGo, Tata Communications, Bennett University, UPES, and many more.

He specializes in AI-powered digital transformation, scalable technology ecosystems, smart operations, cybersecurity, and customer-centric innovation, delivering measurable business growth, operational efficiency, and large-scale program execution with strong P&L leadership.



TSSC SPECTRUM OF ACTIVITIES



GOVERNMENT SCHEMES

TSSC drives skill development under MSDE, MeitY, DoT, and State Skill Missions, empowering youth with industry-relevant training and bridging the demand-supply gap in India's fast-evolving workforce.



CORPORATE BESPOKE PROGRAMS

TSSC offers skilling solutions through RPL under government schemes and tailored corporate programs, led by certified trainers with practical learning to keep telecom and tech teams competitive and future-ready.



GLOBAL PARTNERSHIP

TSSC cultivates global partnerships, collaborating with bodies such as MICT SETA South Africa to enable knowledge exchange, advanced skilling, and cross-border opportunities that strengthen the international telecom ecosystem.



CSR/COE

TSSC builds capacity through Centres of Excellence with advanced labs for training in emerging technologies. It also partners with leading organizations on CSR initiatives to promote skill development and livelihood enhancement.



DIGITAL SKILLING | TELCOLEARNING.COM

TelcoLearning.com, TSSC's eLearning platform, makes skill development innovative and accessible with courses on digital technologies and Industry 4.0 skills for today's evolving digital landscape.



PLACEMENTS | APPRENTICESHIP

TSSC, under PM NAPS, drives telecom apprenticeships and placements through TelcoJobs.in, equipping youth with industry-relevant skills and practical training while bridging the demand-supply gap for employers and industries.



16 Lakh+
Lives Impacted



50+
NSQF Aligned
Courses



1000+
Training Centers



6000+
Certified Trainers



Pan India Presence
28 States | 500+ Districts

TELECOM SECTOR SKILL COUNCIL

SUB SECTORS AND QUALIFICATION PACKS

Device Manufacturing

- Line Assembler - Telecom Products (15)
- Hand Soldering Technician - Telecom Boards (15)
- Surface Mount Technology - Telecom Technician (18)

Service

- Call Centre Executive (14)
- Field Sales Executive (14)

Network Services

- In-Building Wireless Solution Technician (14)
- Telecom Technician - IoT Devices/Systems (17)
- Optical Network Terminal Technician (17)
- Telecom Field Operations Coordinator (21)
- Technician 5G - Active Network Installation (17)
- Project Supervisor - 5G Networks (21)
- Machine Learning Telecom Architect (18)
- Technician - Last Mile Active Network (15)
- IoT Installation Solution Architect (18)
- Smart Devices Installation Operator (13)
- AI & ML – Jr. Telecom Data Analyst (15)
- Network Cloud – Jr. Architect (16)
- IoT Technical Service Operator with 4 Electives (13)

Passive Infrastructure

- Telecom Tower Site Maintenance Technician (17)
- Wireless Technician (17)
- Fiber Installation, Testing Technician (17)
- Fiber to-the Home (FTTH/X) Installer (15)
- Telecom Rigger - 5G and Legacy Networks (14)
- Optical Fiber Technician (16)
- Infrastructure Technician-5G Networks (17)
- 5G System Integrator (19)
- Telecom Electrician (Basic) (13)
- Telecom Electrician (Advanced) (15)
- Broadband Technician (15)
- Optical Fiber Splicer (13)

Semiconductor

- Reliability & Quality Control Manager (22)
- Substrate Design and Process Manager (20)

Drone Technology

- Dron-o-Grapher (14)
- Drone Data Processor (18)
- Drone Monitoring and Maintenance Associate (13)
- Drone - Based Telecom Operations Manager (18)
- Telecom Infrastructure Inspection Engineer (Drone-based) (19)
- Radio Frequency Engineer – Drone-Based Surveys (19)

SATCOM

- SATCOM Operation Technician (19)

Circularity/Green Telecom

- Telecom E-waste Handler (14)

Entrepreneurship

- Handheld Devices Technician (16)
- Telecom Grameen Udhyami (20)

Micro Credentials

- Height & Rescue Training (HART) (0.5)
- Rope Operations, Tactics and Rescue (ROTAR) (2)
- WeCare- Electrical Safety (Telecom Equipment) (0.25)

**Under the New Education Policy, every Qualification Pack carries credits that can be added to the Academic Bank of Credits. The credits are shown in (brackets) next to each Qualification Pack.*

1

INDUSTRY ENGAGEMENT

Architecting the Safe 4G/5G/6G Era: **Why the "First Mile" of Skill Development Protects the "Last Mile" of Execution**

The Author



**Madhur
Khandelwal**

*Vice President & Head –
Corporate Health, Safety,
and Wellbeing (HSW)*

The Indian telecommunications landscape is undergoing a monumental paradigm shift. As we rapidly scale our 5G networks and lay the foundational blueprints for 6G infrastructure, we are not just upgrading technology; we are completely redefining the day-to-day operational reality of our workforce.

In a hyper-scale ecosystem—where operations span hundreds of thousands of critical telecom towers, switch centers, and thousands of kilometers of fiber networks—the traditional boundaries of business execution have dissolved. Today, the telecom sector protects and drives a distributed at-risk workforce of over 100,000 personnel who build, maintain, and sustain the digital nervous system of our nation.

As industry leaders, this reality demands a critical question: **Are our skill development frameworks keeping pace with our technological velocity?**

The Paradigm Shift: From Reactive Compliance to Strategic Capability

For decades, industrial safety and technical training were often treated as traditional, compliance-led audit functions. Workers were given a checklist, handed basic protective equipment, and sent into the field.

But in the modern telecom era, a checklist is a broken shield. True organizational resilience occurs when we transform training from a passive "checking-the-box" exercise into a line-owned governance model.

A problem isn't truly solved until it is engineered out at the skill development level. If our frontline technicians, riggers, and field engineers do not possess deep, internalized behavioral maturity and technical risk perception, no amount of digital oversight can protect them.

We must understand that high-hazard field incidents are rarely just "behavioral failures" by a last-mile technician. They are almost always Capability Gaps born further up the planning ladder. This is precisely where the mandate of the Telecom Sector Skill Council becomes our most strategic asset.

The Framework for Excellence: Building 4 Core Capabilities

To prepare a workforce for India's next-generation telecom infrastructure, training must focus on four key capabilities:

- **Biomechanical Risk Perception:** Train workers to understand the real physics of falls and human movement, going beyond compliance-based height limits.
- **Infrastructure Deficiency Auditing:** Equip supervisors to identify and eliminate critical workplace hazards, including unsafe platforms, missing edge protection, floor openings, and unsafe access routes.
- **Predictive Safety Mindset:** Instill a habit of assessing risks before every task by asking, "What could go wrong, and how can I prevent it?"
- **Vendor & Ecosystem Governance:** Extend consistent safety and operational standards across contractors, vendors, and partner organizations.

The Road Ahead

The future of telecom safety lies in predicting and preventing risks, not reacting to incidents. By partnering with organizations like TSSC, we can build a highly skilled workforce where safety becomes second nature. Investing in predictive, competency-based training today will ensure safer operations, stronger execution, and a world-class telecom ecosystem.

Corporate Training: Building a Future-Ready Workforce

What is Corporate Training?

Corporate training is the structured process of enhancing employees' knowledge, technical capabilities, and workplace competencies to improve individual and organizational performance. It equips employees with the latest industry skills, ensures compliance with safety and quality standards, and prepares businesses to adapt to rapidly evolving technologies and market demands.

Whether it is technical upskilling, leadership development, safety training, or digital transformation, corporate training enables organizations to remain competitive while empowering employees to perform at their best.

Why is Corporate Training Important?

In today's technology-driven business environment, continuous learning is no longer optional, it is a strategic necessity.

Increase Productivity

Well-trained employees complete tasks more efficiently, reduce operational errors, and contribute to improved business performance. Prepare for Emerging Technologies With the rise of AI, 5G, IoT, Data Centres, Cloud Computing, and Cybersecurity, organizations need a workforce equipped with future-ready skills.

Improve Employee Retention

Employees are more likely to stay with organizations that invest in their professional growth and career development.

Ensure Safety & Compliance

Regular training helps organizations comply with industry standards while promoting a safer workplace and reducing operational risks.

Enhance Customer Experience

A knowledgeable workforce delivers better service quality, resulting in higher customer satisfaction and stronger brand reputation.

Strengthen Business Competitiveness

Organizations with a culture of continuous learning adapt faster to change, innovate more effectively, and maintain a competitive advantage.



Why Choose Telecom Sector Skill Council (TSSC)?

The Telecom Sector Skill Council (TSSC), established under the National Skill Development Corporation (NSDC), is India's apex industry-led body for skill development in telecom and emerging digital technologies.

Industry-Validated Programs

Training curricula are developed in collaboration with leading industry experts, part of TSSC OCC Committee to address current and future workforce requirements.

Certified Trainers & Practical Learning

Hands-on training delivered by **6000+** experienced professionals ensures participants gain practical, job-ready skills.

Nationally Recognized Certifications

Participants receive nationally-recognized certifications by the Govt of India, that enhance workforce capability and organizational credibility.

Specialized Corporate Programs

TSSC offers customized corporate training solutions such as:

- **Height & Rescue Training (HART)**
- **Rope Operations, Tactics & Rescue (ROTAR)**
- **WeCare Electrical Safety: Telecom Products**

Corporate Training Success Story

Altius

Project Udaan

We Care Safety Corporate Training Program

Telecom Sector Skill Council (TSSC) successfully delivered Project Udaan in collaboration with Altius under the We Care Electrical Safety – Telecom Sectraining program. The initiative was designed to equip telecom field technicians with the knowledge and practical skills required to identify electrical hazards, follow safe work practices, and minimize the risk of electrical accidents while carrying out installation, maintenance, and network operations.

Under this corporate training initiative, **more than 1,800 technicians** successfully underwent comprehensive electrical safety training. The curriculum focused on key aspects such as electrical hazard identification, safe handling of electrical equipment, lockout/tagout (where applicable), use of personal protective equipment (PPE), emergency response procedures, and adherence to industry-standard electrical safety protocols.

The training was delivered across **16 telecom circles, ensuring extensive regional outreach and standardized learning experiences**. To facilitate participation from technicians across the country, sessions were conducted at **84 geographical locations**, enabling effective implementation with minimal disruption to field operations.

Through Project Udaan, TSSC and Altius strengthened the industry's commitment to creating a safety-first culture. By enhancing technicians' awareness of electrical safety and reinforcing best practices, the program contributed to safer worksites, improved operational efficiency, reduced workplace risks, and greater compliance with established safety standards across telecom operations.



Corporate Bespoke Programs

HART

Height & Rescue Training

OBJECTIVES

This intensive course equips participants with essential rope access, work-at-height, and rescue skills, covering hazard identification, fall protection, equipment inspection, and emergency response.

Aligned with NFPA 1670 and NFPA 1006 standards, it prepares team rescuers to safely access challenging environments, including confined spaces, making it ideal for professionals across telecom, offshore, renewable energy, power, petrochemical, shipping, and related industries.



Duration:

15 Hours

For further information, write to us at:

partnerships@tsscindia.com

ROTAR

Rope Operations, Tactics and Rescue

OBJECTIVES

This course provides hands-on training in rope operations, rescue tactics, and high-angle rescue techniques, covering rope systems, knot tying, anchoring, rappelling, risk assessment, equipment selection, and team coordination.

Designed around real-world scenarios, it equips participants with the practical skills to safely operate and perform rescues in challenging environments.



Duration:

60 Hours

For further information, write to us at:

partnerships@tsscindia.com

WeCare: Electrical Safety

(Telecom Equipment)

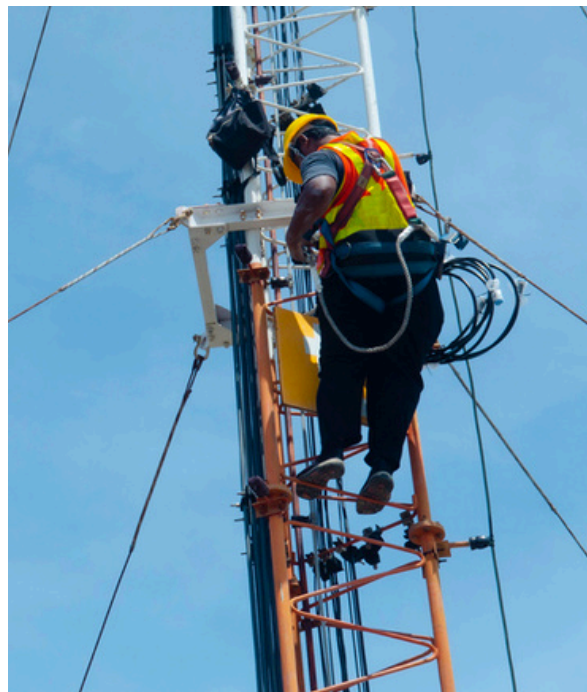
Working with electrical equipment involves operating and maintaining devices powered by electricity, from small tools to large industrial machines. A solid understanding of electrical systems is essential for safe and efficient handling, whether installing, repairing, or troubleshooting.

Telecommunications, in particular, relies heavily on advanced electrical systems to power networks, data centers, and communication infrastructure. Adhering to safety regulations, conducting regular maintenance, and using protective gear help prevent hazards, ensuring reliability and efficiency in operations.

Electrical Safety (Telecom Equipment) is designed for individuals responsible for ensuring electrical safety during the installation, operation, and maintenance of telecom equipment, particularly tower-based installations.

OBJECTIVES

The training covers the development, implementation, and oversight of electrical safety policies, standards, and procedures specific to the telecom industry.



Duration:

7.5 Hours

For further information, write to us at:
partnerships@tsscindia.com

Participants learn to identify **electrical hazards**, implement control measures, and respond effectively to electrical emergencies.

ADVANCEMENTS IN TELECOM ELECTRICAL SAFETY

Telecom electrical safety is vital for uninterrupted connectivity and worker protection. With 80% of network failures linked to power issues, modern telecom sites use 99.9% efficient surge protection and automated monitoring to prevent hazards. Fiber optic cables, which reduce electrical risks by 100%, are replacing copper wiring. Additionally, over 90% of telecom towers now have advanced lightning protection, preventing costly outages. These innovations ensure safer operations and reliable communication for billions worldwide.

International Collaboration

Telecom Sector Skill Council successfully conducted a 10-day International Training of Trainers (ToT) Programme on 5G Telecommunications and Emerging Wireless Technologies at IIT Delhi, in collaboration with Carnot Research Pvt. Ltd.

TSSC signed a Memorandum of Understanding (MoU) with MICT SETA and The Cortex Hub, South Africa, in July 2025, marking a significant step towards strengthening international cooperation in telecom skill development.

The programme was delivered by a panel of six subject expert faculty from IIT Delhi and leading telecom industry professionals. Participants also visited Coral Telecom and the Nokia Centre of Excellence, gaining first-hand exposure to advanced telecom technologies, innovation, and industry best practices.



Programme Highlights

The intensive programme combined classroom learning with practical industry insights, covering a comprehensive range of next-generation telecom technologies, including:

- Foundations of Wireless Communications
- 5G Architecture & Network Components
- Spectrum Management & Advanced Radio Technologies
- Open RAN & Network Virtualization
- Private 5G Networks, Edge Computing & AI in Telecom
- IoT, Industry 4.0 Applications & Enterprise 5G Use Cases
- 5G Security & Network Resilience
- Emerging Technologies Beyond 5G



The programme concluded with a Certification Ceremony held at the TSSC Headquarters, Gurugram, on 24 July 2026.

TSSC proudly congratulates: Nico Muka, Tebogso Lekgothoane & Luthando Maqondo
on successfully completing the programme.

2

**CORPORATE
SOCIAL
RESPONSIBILITY**

Samsung Innovation Campus

- Samsung Innovation Campus (SIC) operates across 40+ countries, delivering advanced digital skills training in AI, Big Data, and Coding, with TSSC training 5,000 students across 27 colleges in India under the program.
- Samsung Innovation Campus (SIC) 2025 Felicitation Ceremony held at Samsung Regional Headquarters (RHQ) to **recognize top-performing learners**.
- Celebrated outstanding student achievements and successful programme completion.
- Attended by Samsung leadership, industry representatives, programme stakeholders, and TSSC officials.



- **Mr. JB Park, President & CEO, Mr. Sang Pil Chun, Corporate Vice President & Mr. Shubham Mukherjee, Head CSR** were present at the ceremony
- TSSC represented by **Lt. Gen. Kulbushan Singh, PVSM, AVSM (Retd.), CEO, along with senior leadership**. Highlighted the impact of the Samsung–TSSC partnership in building industry-relevant digital skills and enhancing youth employability.
- Toppers felicitated for their exceptional performance and dedication throughout the programme.

Samsung Dost Program

- 120-Hour Training: Theory learning.
- Paid OJT: 5 Months Hands-on store training with a monthly stipend.
- 4,700 beneficiaries trained



Nokia Centre of Excellence – Gautam Buddha University, Greater Noida

The Telecom Sector Skill Council (TSSC), with the support of Nokia, has established a Centre of Excellence (CoE) at Gautam Buddha University, Greater Noida, to provide industry-aligned training in 5G, IoT, and AI/ML.

The CoE will train 720 candidates in AI/ML and 5G with IoT Applications through advanced laboratories and modern learning infrastructure. The lab setup has been completed, and training is scheduled to commence in August 2026.

Nokia Centre of Excellence – UVCE, Bengaluru

Telecom Sector Skill Council (TSSC), with the support of Nokia, is establishing a Centre of Excellence (CoE) at the University of Visvesvaraya College of Engineering (UVCE), Bengaluru, to provide industry-aligned training in 5G, IoT, and AI/ML.

The CoE will train 720 candidates in AI/ML and 5G with IoT Applications. The MoU between TSSC and UVCE has been signed, and the laboratory setup is currently underway. UVCE was represented by **Shri Atul Kumar Tiwari, Chairperson, Board of Governors, University Visvesvaraya College of Engineering (UVCE)**



Ericsson ITI Labs Project

The Ericsson ITI Labs Project is a CSR initiative by Ericsson, implemented in partnership with the Telecom Sector Skill Council (TSSC), to strengthen India's telecom talent pipeline through industry-aligned skilling.

The project aims to establish 10 Ericsson ITI Labs, benefiting 100 ITIs and training 10,000 students in 5G and allied technologies. As part of the initiative, the Ericsson ITI Lab at ITI Malviya Nagar was inaugurated, marking the commencement of project implementation.

3

PLACEMENTS & JOB FAIRS

JOB FAIR

NSTI Dehradun Job Fair - Date: 07/05/2026



A placement drive was conducted on 07 May 2026 for 113 trainees of the Craftsman Instructor Training Scheme (CITS) at NSTI Dehradun. CITS is a one-year advanced training programme (NSQF Level 4.5) designed to develop highly skilled instructors.

- Job Fair Date: 07 May 2026
- Total Candidates: 113
- Total Employers Attended: 2

Shortlisted- by V5 Global Services for Airtel: 50

Shortlisted- by Raysons Industrial Solution Pvt. LTD- 13 for Computer Hardware & Network Maintenance (CHNM)

DBIM Guwahati, Assam (10 June 2026)



A Job Fair was organized on 10 June 2026 at Don Bosco Institute (DBI), Joypur, Kharghuli, Guwahati, Assam, in collaboration with the Don Bosco Job Placement Network India, to provide employment opportunities for the youth of the region.

The event brought together 4 employers offering opportunities across multiple sectors. The job fair featured vacancies across various industries, enabling candidates to interact directly with recruiters through walk-in interviews. As a result of the recruitment process, 27 candidates were selected.

Event Details:

Job Fair Date: 10 June 2026

Venue: Don Bosco Institute (DBI), Joypur, Kharghuli, Guwahati, Assam

Total Employers Attended: 4

Total Candidates Selected: 27

Success Stories & Placements

From Campus to Career: Ritika Pandey



After completing her B.Tech in 2026, Ritika Pandey secured a position as a Network Engineer Trainee at Ishan Netsol Pvt. Ltd. Through telecom and networking training delivered by TSSC at the Bharat Ratna Bhim Rao Ambedkar Institute of Telecom Training, Jabalpur, she gained practical technical knowledge, industry exposure, and workplace skills. The programme helped her confidently transition from academics to the professional world, demonstrating the value of industry-aligned skill development in creating employment opportunities.

"The right skills and continuous learning opened the door to my professional career. With dedication and proper guidance, every challenge can become an opportunity." — Ritika Pandey

From Learning to Livelihood: Syed Kamran Patel

The Mobile Repair Accelerator Program, implemented by Britco & Bridco in collaboration with TSSC and Google, enabled Syed Kamran Patel to build a sustainable livelihood through technical skills. After completing hands-on training in mobile diagnostics and repair, he launched Kamran Mobiles, where he now provides repair services while earning a steady income and supporting his family. His journey highlights how industry-led skilling can create pathways to entrepreneurship and financial independence.

"The Mobile Repair Accelerator Program gave me the skills and confidence to build my own career. Today, I am proud to support my family through my work." — Syed Kamran Patel



4

TSSC EVENTS & UPDATES

NATIONAL CHAMPIONS



National Winner: **Shubham Kumawat (Rajasthan)**

ICT Network Infrastructure

Industry Partner: Optinext Technology Pvt. Ltd.

Chief Expert: Ninad Desai

Training Location: Mumbai



National Winner: **Kushraj Rathore (Maharashtra)**

IT Network System Administration

Academic Partner: Indian Institute of Technology Delhi

Chief Expert: Dr. Amit Oberoi

Training Location: New Delhi



Latest Updates

- IndiaSkills 2026–27: Registrations now open.
- WorldSkills 2026: Final training underway for Shanghai.



World Skill 2026 Finale:

22 – 27 Sept 2026

Shanghai | China

INDIA MOBILE CONGRESS 2025 & UPCOMING



About India Mobile Congress 2025 | 8-11 Oct'25

TSSC, the Skilling Partner at India Mobile Congress 2025, showcased its leadership in telecom skilling, emerging technologies, safety, and industry-academia collaboration.

Engaging **1,000+ visitors from government, industry, academia, and armed forces**, TSSC highlighted 5G, IoT, AR/VR learning, and corporate training initiatives while strengthening partnerships and collaborations.



Upcoming



Join TSSC at IMC 2026 to explore the future of telecom skilling, emerging technologies, and workforce development.

7th - 10th October 2026

Yashobhoomi (India International Convention & Expo Centre), Dwarka,
New Delhi | Hall 1 | Booth B22

Telecom Sector Skill Council to Strengthen India's Future Telecom Talent Agenda at DIDAC Skills 2026 | **25-27 November 2026, Bangalore International Exhibition Centre, Bengaluru, Karnataka**

DIDAC Skills 2026 to bring together industry, academia, skill institutions and technology leaders to address the growing demand for future-ready telecom professionals.

As India's telecom sector continues to expand rapidly across 5G, fiber, digital infrastructure, cloud, IoT, AI-led networks and emerging communication technologies, the need for a skilled and future-ready workforce has become more critical than ever. In this direction, the Telecom Sector Skill Council (TSSC) will support and engage with DIDAC Skills, scheduled from 25th – 27th November 2026 at Bangalore International Exhibition Centre (BIEC), Bengaluru, as a key platform to bring the telecom skilling ecosystem together.

DIDAC Skills, co-located with DIDAC India, is now Asia's largest exhibition and conference for the education and skills sector. The event is as a dedicated platform for skills, workforce readiness, vocational excellence and industry-led talent development.

The 2026 edition will bring together Sector Skill Councils, training partners, technology providers, employers, academic institutions, policymakers, skill universities, vocational institutions and industry bodies to deliberate, showcase and collaborate on the future of skilling in India.

For the telecom sector, the platform comes at a highly relevant time. India's digital economy is being powered by high-speed connectivity, next-generation networks and large-scale technology adoption. However, the sector's continued growth will depend on the availability of trained manpower across areas such as 5G deployment, network operations, fibre installation and maintenance, telecom infrastructure, tower technology, device repair, IoT applications, cybersecurity, cloud communication, data centres, satellite communication and future 6G readiness.

Through its engagement with DIDAC Skills 2026, TSSC aims to encourage wider participation from telecom companies, training partners, institutions, assessment bodies, employers and technology solution providers. The objective is to create stronger linkages between industry requirements and the talent pipeline being developed across India.

Speaking on the collaboration, CEO, Telecom Sector Skill Council, said, *"The telecom sector is one of the strongest enablers of India's digital transformation. As the sector moves deeper into 5G, automation, AI, IoT and future communication technologies, the demand for skilled professionals will only increase. DIDAC Skills 2026 provides an important platform for the telecom ecosystem to come together, highlight industry requirements and work closely with education and training institutions to prepare youth for meaningful careers in telecom and allied technologies."*

Aditya Gupta, CEO, India Didactics Association, said, *"India is at a stage where skills can no longer be viewed separately from education, employability and industry growth. Telecom is one of the most important sectors driving the country's digital future and TSSC's engagement with DIDAC Skills 2026 will help bring all relevant and important stakeholders together. Our aim is to make DIDAC Skills a powerful meeting point where Sector Skill Councils, industry, institutions and policymakers can align talent development with real workforce needs."*

With Bengaluru serving as the host city, **DIDAC Skills 2026 is expected to draw strong participation from India's technology, innovation, education and skilling communities.**

The Author



TSSC | Events



TSSC at Mobialive Exhibition 2026

5-6 April 2026 | Bharat Mandapam, New Delhi

TSSC participated in Mobialive Expo 2026, promoting structured skilling and certification in mobile repair through interactive engagements. The event also featured a keynote address by Lt Gen Kulbhushan H. Gawas (Retd) on the growing role of mobile repair professionals in India's digital economy.

9th Annual Data Centres in India Conference

6th & 7th April 2026 | Mumbai, Maharashtra

TSSC participated in the 9th Annual Data Centres in India Conference in Mumbai on 6-7 April 2026, engaging with key stakeholders on the future of data centre infrastructure, digital transformation, and the evolving skill requirements of the sector.



Magnus Bangalore Centre Inauguration

12 May 2026 | Bengaluru, Karnataka

The centre will serve as a hub for delivering high-quality training and creating a future-ready workforce for the telecom and digital technology sectors.

Ericsson School Project Certification Ceremony

14 May 2026 | Noida, Uttar Pradesh

TSSC felicitated the participants with certificates, recognizing their achievements and readiness for industry opportunities.



Empowering Women Through Mobile Repair Skills under Mission Shakti

18 May 2026 | Badamba, Cuttack.

Ericsson ITI Inauguration

21st May 2026 | Malviya Nagar, New Delhi



5th Samrath Bharat Conclave organized by AISCET India

22nd May 2026 | Hyderabad, Telangana

TSSC showcased its commitment to industry-aligned skilling and collaborated with ecosystem partners to promote innovation and future-ready workforce development.

TSSC | Events



Mobile Repair Accelerator Program | Batch 4 Certification

29 April 2026 | Hyderabad, Telangana

TSSC successfully completed the assessment and certification of the 4th batch under the Mobile Repair Accelerator Program, preparing industry-ready Handheld Devices (Mobile & Accessories) Technicians.

Nokia TSSC Centre of Excellence

17 July 2026 | Bengaluru, Karnataka

TSSC and Nokia signed an MoU with UVCE to establish a Centre of Excellence in 5G, IoT, and AI, providing industry-ready training and certification for students. The first option is better for a newsletter because it highlights the partnership, purpose, and impact (720 students) in a single, concise sentence.



NABARD Assam Project | Convocation & Placement Ceremony

July | Assam

TSSC celebrated the successful completion of the NABARD Assam Project with a certificate convocation and the distribution of 22 placement offer letters.

India-South Africa Global Skilling Partnership

13-24 July 2026 | IIT Delhi, New Delhi

Building on the 2025 MoU with MICT SETA and The Cortex Hub, South Africa, TSSC successfully delivered a Global 5G Train-the-Trainer Programme, certifying participants as Global 5G Trainers and strengthening international cooperation in telecom skill development.



Telecom News

India's telecom subscriber base grows 0.52% in April 2026 to 1,337.54M | 26 May 2026

India's total telephone subscriber base grew to 1,337.54 million by April 2026, adding 6.95 million connections (0.52% monthly growth). Broadband subscriptions rose to 1,073.44 million (0.71% growth), reflecting connectivity expansion.



Airtel leads May 2026 wireless subscriber growth; base reaches 1.294B | 25 June 2026

India's wireless subscriber base rose from 1,288.96M to 1,294.46M by end-May 2026, a 0.43% gain (5.5M new). Airtel and Jio added 2.93M and 2.15M users; 5G fixed-wireless (FWA) connections reached 12.73M.



Reliance Jio crosses 524M subscribers (268M on 5G) in FY2026 | 24 April 2026

Reliance Jio's total subscriber base topped 524 million by end-March 2026 (including 268 million 5G users), after adding 75M 5G and 10M broadband connections in FY2026, continuing strong growth momentum.



Airtel crosses 650 million customers (2nd-largest globally) | 2 April 2026

Bharti Airtel crossed the 650 million customer mark (as of April 2026), becoming the world's second-largest operator by subscriber base. It serves 368M users in India and 179M in Africa.



PM-WANI Wi-Fi hotspots exceed 4.09 lakh by Feb 2026 | 2 April 2026

India's PM-WANI scheme surpassed 4,09,403 public Wi-Fi hotspots nationwide by 28 Feb 2026, supporting 24.47 million users who consumed 58.64 PB of data, underscoring the rapid expansion of broadband connectivity.



India's Telecom Landscape



Network Infrastructure

- 5.23 lakh+ 5G Base Transceiver Stations (BTSs) deployed (Feb 2026).
- Mobile connectivity available in 634,019 out of 644,131 villages.
- 630,676 villages have 4G services.

5G Rollout

- 5G services available in all States and Union Territories.
- Coverage extended to 99.9% of Indian districts.
- 400+ million 5G subscribers, second-largest 5G market globally.



Subscriber Base & Tele-density

- 1.4 billion telecom subscribers.
- Overall tele-density: 93.69%.
- Rural tele-density: 60.74%.
- Wireless accounts for 96.4% of subscriptions.

Data Usage

- Average wireless data consumption: 24.01 GB per subscriber per month.
- India remains among the world's largest mobile data consumers.



India's Telecom Landscape



Internet & Broadband

- 1.073 billion broadband subscribers.
- Internet connections have crossed 1.07 billion.
- Top five providers account for 99% of subscribers.

Internet & App Economy

- Second-largest telecom market globally.
- Growth driven by OTT, digital payments, AI, cloud services and creator economy.
- Smartphone adoption continues to expand in rural India.



Market Size & Investment (India)

- Market estimated at US\$40.62 billion (2026).
- Projected to reach US\$72.32 billion by 2034 (7.48% CAGR).



Manufacturing & Exports

- Expansion under the PLI Scheme.
- Growing domestic production of telecom equipment and indigenous 4G/5G technologies.
- Exports continue to rise under Make in India.



India's Telecom Landscape



Policy & Schemes

- Digital Bharat Nidhi (formerly USOF).
- TTDF has approved 104 R&D projects worth ₹271 crore.
- Implementation of PLI Scheme, BharatNet, Digital India and PM Gati Shakti.

Renewable Energy & Digital Link

- Growing deployment of solar-powered telecom towers.
- Energy-efficient networks supporting sustainability.
- Renewable energy improving connectivity in remote areas.



Special Initiatives

- Satellite Communication (SATCOM) framework progressing with three licences.
- Expansion of Fixed Wireless Access (FWA).
- Indigenous 6G research and AI-enabled network modernization.

PM-SETU

PM-SETU is a Government of India initiative to upgrade 1,000 Government ITIs into technology-enabled skill centres for emerging sectors, including telecom, AI, semiconductor, EVs and advanced manufacturing.



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