





# Telecom Sector Skill Council





"I am extremely pleased to note that TSSC has taken up the challenges for skill development in the right earnest and, is amongst the top councils to have achieved the highest targets in terms of both training & certification. I have no doubt that all sections of Telecom Industry would gain tremendously from availability of highly skilled & trained quality manpower being provided by TSSC."

Mr. Akhil Gupta Vice Chairman, Bharti Enterprises President, TSSC





# TSSC ACCELERATING SKILL DEVELOPMENT IN THE INDIAN TELECOM SECTOR

The Telecom Sector Skill Council (TSSC) is a Not- Profit Organization, registered under the Societies Registration Act, 1860. We are an industry led apex body, jointly set up by the Cellular Operators Association of India (COAI), Indian Cellular and Electronics Association (ICEA) and National Skill Development Corporation (NSDC) with the objective to ensure adequate availability of skilled manpower to boost growth and productivity in the Telecom Sector.

Set up under the aegis of the National Skill Development Corporation (NSDC), TSSC has members from the various Telecom industries, Academia, Industry Associations (COAI, ICEA, TAIPA) and representatives from the Government (MeitY) as well.

#### **VISION**

The Telecom Sector Skill Council is envisioned to develop world class skilled manpower for the Telecom Industry and enhance employability of the skilled workforce.

#### **MISSION**

- Creating a viable ecosystem for development of a competency-based framework.
- Establishing Industry- Academia Interface.
- Bridging the gap between demand and supply of skills.
- Develop framework for standards, curriculum and quality assurance.
- Provide adequate skills and train the youth, making them job ready.
- Automated Assessment process, ensuring the quality.
- Facilitate quality certification in Telecom Skilling.
- Facilitate Training of Trainers.
- Employment opportunities through a Recruitment Management System (RMS).



#### **TSSC- GOVERNING BODY**

TSSC is managed by a Governing Body consisting of 22 members, it has a balanced composition with representatives from the leading Telecom Service providers, Handset Segment, Network Managed Services, and Passive infrastructure segment. The Governing Body additionally has representatives from MeitY, MSDE, NSDC and relevant associations like COAI, ICEA, TAIPA as well as representatives from the Academia.

### **TSSC- OFFICE BEARERS**



Mr. Akhil Gupta
Vice Chairman,
Bharti Enterprises
President TSSC



Mr. P Balaji
Director- Regulatory &
External Affairs & CSR Vodafone
Vice- President TSSC



Mr. Pankaj Mohindroo National President ICEA Secretary TSSC



Mr. Tilak Raj Dua Director General, TAIPA



"Indian Telecom Industry is going through a sea of change with a marked shift from the traditional skills to emerging skill requirements with a strategic focus on technology-based skills. TSSC has already taken a step towards fulfilling the emerging requirements of the Industry by partnering with key stakeholders in order to bring the latest content (IoT, Cyber Security, Big Data, etc.) to the forefront."

Mr. Arvind Bali
CEO TSSC

#### **TSSC- ECOSYSTEM**

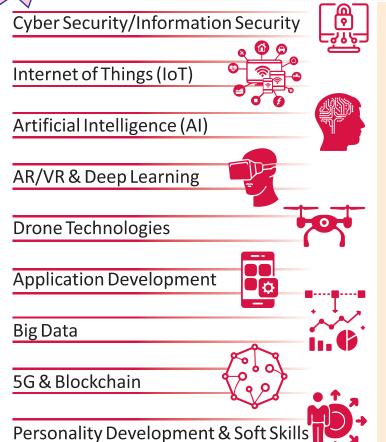
| PARTNERS                  | STANDARDS                                  | CANDIDATES                        |  |
|---------------------------|--|-----------------------------------|--|
| • 615 Training Partners   | Occupational Map including 4 sub verticals | Total Enrolled 7,51,647           |  |
| • 1008 Certified Trainers | 46 Qualification Packs                     | Total Assessed 5,83,538           |  |
| • 598 Academia Partners   | • 17 Physical Books                        | Total Passed & Certified 4,20,809 |  |
| • 50 Industry Partners    |  |                                   |  |
| • 16 Assessment Partners  |  |                                   |  |

## SEEK BETTER EMPLOYMENT- TRAIN YOURSELF ON TELECOM JOB ROLES

| Sub Sector Name<br>(For Linking purpose) | Job Role Code | Job Role Name  | NSQF Level |
|--|---------------|--|------------|
| Service Provider                         | TEL/Q0100     | CCE- Call Center   | 4          |
|  | TEL/Q0101     | CCE - Relationship Center  | 4          |
|  | TEL/Q0200     | Filed Sales Executive  | 4          |
|  | TEL/Q0201     | Sales Executive Broadband  | 4          |
|  | TEL/Q0203     | TSM Prepaid  | 7          |
|  | TEL/Q0204     | TSM Broad band   | 7          |
|  | TEL/Q6200     | BSS Support Engg   | 6          |
|  | TEL/Q6201     | Core Engg  | 6          |
|  | TEL/Q6202     | Field Maintanence Engineer   | 5          |
|  | TEL/Q6203     | Transmission Engineer  | 6          |
|  | TEL/Q6100     | Infrastructure Engineer  | 5          |
|  | TEL/Q6500     | Fault Management Engg  | 5          |
|  | TEL/Q6204     | Product Specialist Engg  | 5          |
|  | TEL/Q6400     | Optical Fiber Splicer  | 3          |
| Maturaula                                | TEL/Q6401     | Optical Fiber Technician   | 4          |
| Network Management                       | TEL/Q6300     | Installation Engg - SDH and DWDM   | 5          |
|  | TEL/Q6301     | Installation Engg - L2 & L3  | 5          |
|  | TEL/Q6302     | Network Management Engineer  | 5          |
|  | TEL/Q6205     | ICT Engineer   | 6          |
|  | TEL/Q6206     | ICT Technician   | 4          |
|  | TEL/Q6207     | Grass Root Telecom Provider  | 4          |
|  | TEL/Q6208     | Telecom Network Security Technician  | 4          |
|  | TEL/Q6209     | Network Engineer   | 4          |
|  | TEL/Q6210     | Telecom Technician-IOT Device/System(Installation & M2M Communication Setup) | 4          |
|  | TEL/Q6211     | Drive Test Engineer  | 5          |
| Passive Infra                            | TEL/Q4100     | Tower Technician   | 4          |
|  | TEL/Q4101     | Cluster In-Charge  | 5          |
|  | TEL/Q4102     | Cluster manager  | 6          |
|  | TEL/Q4103     | R F Site Surveyor  | 4          |
|  | TEL/Q4102     | BroadBand Technician   | 4          |
|  | TEL/Q4104     | Telecom Tower/Bay Installation Supervisor                                    | 4          |
|  | TEL/Q4105     | Wireless Technician  | 4          |
|  | TEL/Q4107     | OutSide Plant (OSP) Fiber Installation, Testing & Commissioning Supervisor   | 5          |
|  | TEL/Q4200     | Fiber to-the Home (FTTH/X) Installer   | 4          |
|  | TEL/Q2100     | Distributor Sales Representative   | 4          |
|  | TEL/Q2101     | In-Store Promoter  | 4          |
| Handset Segment                          | TEL/Q2200     | CCE - Repair Center  | 4          |
|  | TEL/Q2201     | Handset Repair Engg - II   | 4          |
|  | TEL/Q2400     | E- Waste Collector   | 3          |
|  | TEL/Q2300     | Terminal Equipment Application Developer (Android)                           | 4          |
|  | TEL/Q2301     | Terminal Equipment Application Developer (Native)                            | 4          |
|  | TEL/Q2302     | Board Bring - UP Engineer  | 3          |
|  | TEL/Q2303     | Telecom Embedded Hardware Developer  | 4          |
|  | TEL/Q2500     | Hand Soldering Technician - Telecom Board                                    | 4          |
|  | TEL/Q2501     | Telecom Surface Mount Technology (SMT) Technician                            | 4          |
|  | TEL/Q2502     | Line Assembler - Telecom Products  | 4          |



# Some of the Prime Technologies being offered by TSSC





In order to benefit the student as well as colleges, TSSC has got into a strategic MoU with All India Council for Technical Education (AICTE) to impart skilling in colleges which would incorporate the summer internship requirements of technical college students.

Get trained on TSSC outcome-based courses and get the certification equivalent to summer internship program for all the engineering disciplines.



### **PROMOTERS & FOUNDING MEMBERS**













### **CORPORATE MEMBERS**





















































































### **ACADEMIC PARTNERS**





























### **SMART CITY ENABLERS**











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