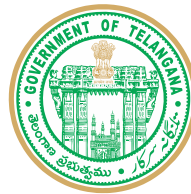


INFORMATION TECHNOLOGY
ELECTRONICS & COMMUNICATIONS DEPARTMENT

GOVERNMENT OF TELANGANA



2020
YEAR OF **AI**



ANNUAL REPORT 2019-20



Message from the Minister's Desk

I am delighted and privileged to release the annual report of the Information Technology, Electronics, and Communications [ITE & C] Department for the sixth year in a row. I feel proud that this practice of putting out our activities and accomplishments in the public domain brings new standards of transparency and accountability both for me as the Minister and amongst all my officers.

Last year, we successfully achieved our target of doubling IT export numbers in 5 years from 2014 to 2019, achieving way more growth than the national average. Continuing to deliver on our own high expectations, Telangana achieved 17.93% growth in IT/ITeS exports (2019-20) which was more than double the national average (8.09%; 2019-20). The number of jobs in the sector rose by 7.2% last year, making us a 6-lakh-strong IT workforce.

This year, for the third consecutive time, our state was invited to WEF's annual meeting in Davos. This is a testament to Telangana establishing itself as a leader in business and innovation practices and leading India's charge to become an economic superpower. The 50th year of Davos had plenty to offer. Our small delegation had over 50+ bi-lateral meetings and 5+ panel discussions over three days at WEF. We used this opportunity to discuss multiple strategic collaboration possibilities once again with some of the most valued companies such as Roche, Amazon, Google, Salesforce, AB-InBev, Rockwell, etc.

We are confident that the various outcomes that are going to come because of this annual exercise will no doubt bring new investments into Telangana as well as benefit the state in several other strategic areas.

I am happy to reiterate that Telangana has declared 2020 as the Year of Artificial Intelligence. With new technologies such as AI and Big Data Analytics expected



KT RAMA RAO

Hon'ble Minister for IT, Industries and MA&UD
Government of Telangana

to generate eight lakh jobs in the country in the next two years, we have launched a dedicated program for AI in 2020. No business can stay untouched from the AI revolution. It is expected to transform the global economy and early adopters will have first-mover advantage. Therefore, the Telangana government is setting a vision to accelerate AI readiness and develop a conducive ecosystem in the state. Towards these efforts, the state is happy to launch its "AI Framework document" which outlays our AI strategy to transform Healthcare, Agriculture, Education, Transport, Law Enforcement, and Citizen Services. For the planning and execution of all the initiatives and projects identified in this strategy framework, Government of Telangana has set up T-AIM (Telangana AI Mission), in collaboration with NASSCOM and its members.

We are now fighting an unprecedented crisis. COVID-19 pandemic is inflicting high and rising human costs worldwide, and the necessary protection measures are severely impacting economic activity. As a result of the pandemic, the global economy is projected to contract sharply by 3 percent in 2020. I would like to thank every single stakeholder who rose to the occasion and is helping us fight both the humanitarian and economic crisis. The government will take on the mantle for paving the way forward, and "Bangaru Telangana" will set an example for the world to follow.



ITE&C Department's Profile

Information Technology, Electronics & Communications Department plays a crucial role in

- Policy formulation for IT, ESDM sector
- Conceptualizing and initiating various e-Governance initiatives
- Promoting investments in IT, ITES, ESDM, and other emerging technologies through proactive measures
- Creating a congenial environment for IT, ESDM companies to setup/ expand their operations
- Monitor the benefit of IT percolates to the last mile of the State
- Providing strong communications backbone in the State

Vision

To leverage Information Technology not just for effective and efficient governance, but also for sustainable economic development and inclusive social development.

Mission

To facilitate collaborative and innovative IT solutions and to plan for future growth while protecting and enhancing the quality of life.

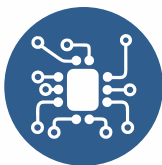
The Department :

ITE&C Department functions under one Principal Secretary assisted by senior and middle-level officers. The Department has

Seven Wings :



Promotions



Electronics



Communications



Infrastructure



e-Governance



Emerging
Technologies



Administration

One HOD :

Commissioner/ Director,
Electronic Services
Delivery (ESD/ MeeSeva)

One Public Sector Undertaking :

Telangana State Technology
Services (TSTS) Ltd.

Three Societies:

Society for Telangana
Network (SOFTNET)
Telangana Academy for
Skill and Knowledge
(TASK)
Electronics Society

Six Companies:

T-Hub Foundation (T-HUB)
We-Hub Foundation (WE Hub)
Telangana State Innovation Cell (TSIC)
T-Works
T-Fiber
Photonics Valley Corporation (PVC)



Telangana IT/ITeS Exports The Success Saga Continues

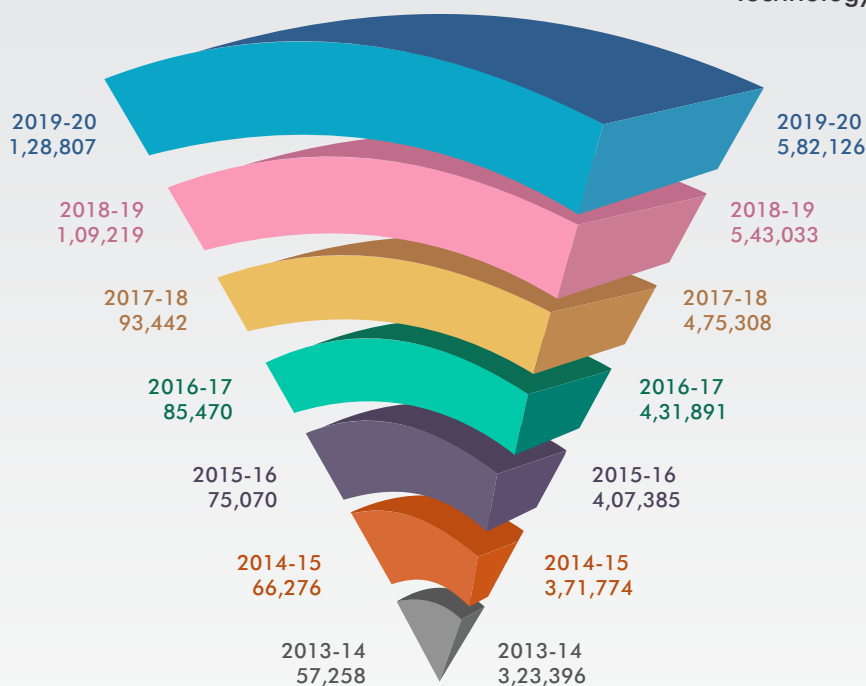
- Telangana's IT/ITeS exports grew at 17.93% (YoY) to reach Rs.1,28,807 Cr from Rs.1,09,219 Cr from the previous year. It is more than two times the national growth rate of 8.09% and more than two and half times of rest of India's 6.92%.
- The sector provided direct employment to 5,82,126 professionals while the workforce comprised of 5,43,033 personnel last year. A jump of 7.2%. National growth rate is at 4.93% while it is 4.59% for rest of the Nation.
- Telangana's share in India's IT exports went up to 11.6% from 10.6% while the share in India's IT export growth for 2019-20 is at 23.5%.
- Telangana's share in India's IT workforce grew from 13.06% to 13.34% while the share in the growth for 2019-20 is at 19.07%.
- The growth story is phenomenal considering the impact of Covid-19 pandemic in the last quarter of FY 2019 -20
- Government of Telangana has unveiled a focused Policy for the growth and development of IT/ ITeS sector in the Tier-II cities and rural areas.
- IT Park is now operational in Warangal with M/s. Cyient, M/s. Tech Mahindra, among others, commencing operations.
- IT Towers in Karimnagar, Khammam, Mahabubnagar and Nizamabad are in various stages of completion with an array of companies committed to start their operations.

Exports

IT/ITeS. INR Crores

Employment

Technology Professionals



Growth in IT/ITeS Exports (2019-20)

ALL INDIA
8.09%

TELANGANA
17.93%

(The Export figures were converted into Rupees from the USD figures given by NASSCOM at the current exchange rate of 1 US \$ = Rs. 75.68.)



Applying Emerging Technologies in Governance

Telangana is the first state in India to establish a dedicated Emerging Technologies Wing to focus on the frontier technologies

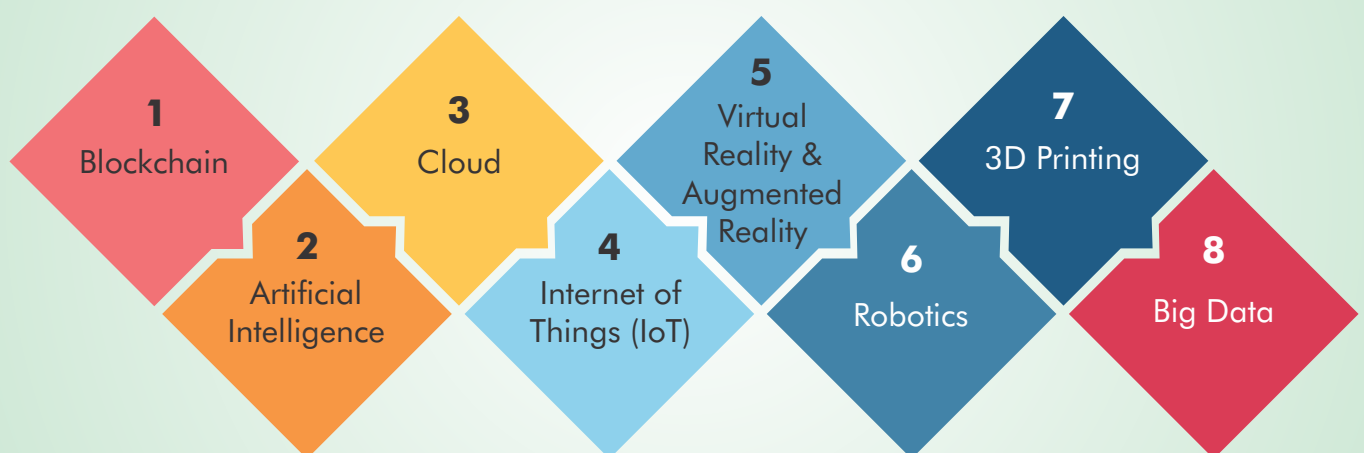


Objectives

- To nurture a conducive emerging technologies ecosystem in Telangana.
- To facilitate State government departments adopting emerging technologies.

Key Emerging Technologies

- Identified eight key emerging technologies.
- Brought out concise strategy documents reflecting the Government's vision to build leading emerging technologies ecosystem.



- The focus is on three technologies - Artificial Intelligence, Blockchain and Drones.
- Telangana became the first Indian state to come up with Blockchain Framework and Drone Framework.



Telangana Government has declared 2020 as the Year of Artificial Intelligence (AI). The IT Dept has set in motion a series of initiatives with a view to make the next ten years as Telangana's decade of AI.

2020
YEAR OF
AI

- Towards positioning Hyderabad amongst the top 25 AI innovation hubs in the world, eight AI-specific strategic partnerships were inked with:
 - Centre for Research in Applied AI (CRiAA)
 - Intel, Nvidia, IITH, IIITH, Wadhvani.ai, Adobe
- Identified Healthcare, Agriculture, Mobility, Education and Law Enforcement as focus areas for coming up with innovative AI use cases towards effective governance and efficient citizen-centric service delivery.



Awards & Recognition

- Minister KTR was invited to speak on 'Empowering AI Leadership' at the World Economic Forum 2020 in Davos.



- Principal Secretary, Jayesh Ranjan was invited by NITI Aayog to present "Year of AI" initiative to IT departments of other Indian States.
- T-Chits, Telangana's Blockchain Project for administering Chit Funds in the State, has won [National Conference on e-Governance 2020 \(NCeG\) Gold Award](#) under the 'Excellence in Adopting Emerging Technologies' category.
- Global Blockchain Business Council (GBBC) has nominated the Government of Telangana as ambassador to India. ITE&C Dept. Principal Secretary to be the face of the initiative. GBBC's Annual Report released during World Economic Forum 2020 at Davos featured Blockchain District.

Projects, Activities & Events

Medicine from the Sky

A first-of-a-kind solution in India, the medical-drone delivery project is undertaken in association with the World Economic Forum and Apollo Hospitals to assess the viability of integrating drones with Healthcare supply chain to potentially save lives in remote areas.

Bitfury

A billion-dollar European Blockchain startup, became a member of Blockchain District and established a research and innovation centre in Hyderabad.

T-Block Accelerator

A four-month-long accelerator programme to take blockchain MVP startups to an investible stage in partnership with Tech Mahindra and other partners.

Cyber Security COE

State-funded initiative to build a robust Cybersecurity startup ecosystem. The Centre of Excellence (CoE) was inaugurated by Secretary, MeitY, Government of India.

DJI in Telangana

Signed an MoU with DJI, world's largest drone manufacturer and the partnership will focus primarily on drone pilot training.

E-Waste COE

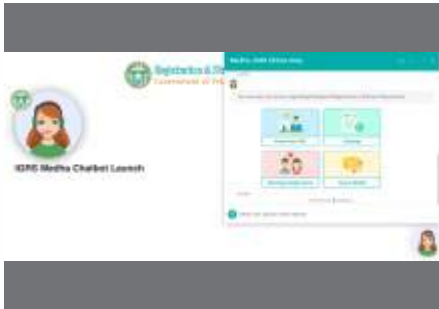
An initiative in collaboration with MeitY, GoI to create a vibrant and safe e-waste processing, refurbishing and recycling ecosystem in the State. The Honourable Minister of State, MeitY Shri. Sanjay Dhotre discussing on the eWaste program.

COVID 19 App and Dashboard

Developed the mobile app to disseminate authentic information and provide services related to Covid-19. Coordinated the efforts of Covid-19 Data Platform development with a Task Force comprising of industry leaders and supported by NASSCOM. The platform provided decision making tools for the government to assess the containment strategy, lockdown management and sustainable industry recovery planning.



Tech in Governance



An AI-powered tool for front-line newborn healthcare; Medha Chatbot for Stamps and Registrations web portal



AI-based video intelligence solution for tech-enabled crowd management & urban law enforcement



Telangana Mosquito Eradication Drone Solution (T-MEDS)

Events

- Hosted 6th Plenary and Working Group Meetings of ISO/TC 307 themed 'Blockchain and Distributed Ledger Technologies'
- Participation of over 150 Blockchain experts from 56 countries.
- Workshop to address issues related to third party insurance for drone companies. The event graced by Chairman, Insurance Regulatory and Development Authority of India.
- Blockchain District logo and website launch at ISB.
- AI Calendar: Brought together 12 AI ecosystem enablers to coordinate 74 AI-related events across the year.
- Hague MoU: A delegation led by Deputy Mayor Mrs. Saskia Bruines of Hague, Netherlands visited Hyderabad to discuss new avenues of partnership.
- Workshop for Bangladeshi delegation: NITI Aayog recommended Bangladesh to visit Telangana when it wanted to understand Blockchain and Emerging Technologies innovation happening in India.



Technology Empowering Girls (TEG)

Organised by Library Division of NASSCOM Foundation in three District Central Libraries of Kamareddy, Mahbubnagar and Vikarabad. Young women are trained to acquire or improve digital literacy skills; 560 girls/women for 42 hours over 21 days. Twenty two of the beneficiaries could find gainful employment in private and public sectors.



Events & Meetings



KTR takes oath as IT Minister



The states of Telangana and New Jersey have signed a "Sister State Partnership Agreement".



Consul General of France Dr. Marjorie Vanbaelinghem called on IT Minister KTR



Saudi Arabia Ambassador H.E. Dr. Saud bin Mohammed Al Sati met IT Minister KTR



Luxembourg Ambassador Meets Minister KTR



South Africa High Commissioner calls on Minister KTR



A Japanese delegation led by JETRO India Bengaluru Director General Mr. Takashi Suzuki met IT Minister KTR



A Korean delegation led by Ambassador Shin Bongkil met IT Minister KTR

Telangana's Innovation Ecosystem



- The seeds of innovation should be sown at a young age, Telangana had taken this age-old advice quite literally upon itself when T-Hub was founded in 2015, the very next year of the creation of Telangana. While T-Hub would become probably the most successful model in the country to institutionally build a start-up innovation ecosystem over the next few years, the women entrepreneurs, the grassroots innovators, the research aspect, hardware prototyping, and skilling institutions were missing from the innovation ecosystem of Telangana. Over the next few years, We Hub was created to nurture women entrepreneurs, T-Works to reduce the barrier for hardware prototyping, RICH to facilitate that the research reached the market, TASK to enhance skilling among the youth, and TSIC to simply create more and more innovators and changemakers from all walks of life, age, and sectors.
- The creation and the growth of the various organizations have been organic and with very specific objectives. The central theme being the creation of a unique model of innovation for the state. While the organizations worked on the delivery of their specific purpose of creation, they also laid the skeleton of an entire value chain of various innovation ecosystems (Start-up, Grassroot, Social Innovation Ecosystem) through their interconnected model of operations.
- The glimpse of this value chain can be gained from the fact that an innovator, even from the remotest part of Telangana can now get recognized for their work before the entire state on few clicks through TSIC, the T-Works will then help them master their hardware prototype, T-hub and We Hub will incubate them, help them grow, create scale-up opportunities; TASK will skill them so that they become robust entrepreneurs; RICH will bridge any research gap that may exist and take-on some of the most pressing social problems of the state to solve through scientific research and collaboration.
- In the next five years, we envision that the innovation ecosystem of Telangana would have created a robust and complete value chain for the Start-up, Grassroot, and Social Innovation. The value-chain would become an example for the country, and the pioneering work in the grassroots and social innovation would become an example for the entire world. In an effort to consolidate the movement of our Innovation Ecosystem, we are also launching Innovation Office, to provide strategic guidance, policy support, and global reach for our work.
- Although the direct value of the innovation ecosystem creation in themselves is strong enough, the effective and well-coordinated response that the ecosystem produced to fight the corona pandemic has simply reinforced our belief in the ecosystem. While T-Works partnered with stakeholders across the spectrum to create a low-cost ventilator, T-Hub ensured that the start-up ecosystem was mobilized fast enough to take the challenges head-on through Covid-19 Innovation Challenge and webinar series. TSIC reached out to the grassroots innovators and facilitated hackathons, We Hub facilitated strategies to keep the vulnerable women-led start-ups stay strong during the pandemic. RICH emerged as the backbone of leaps that Telangana made in medical preparedness.

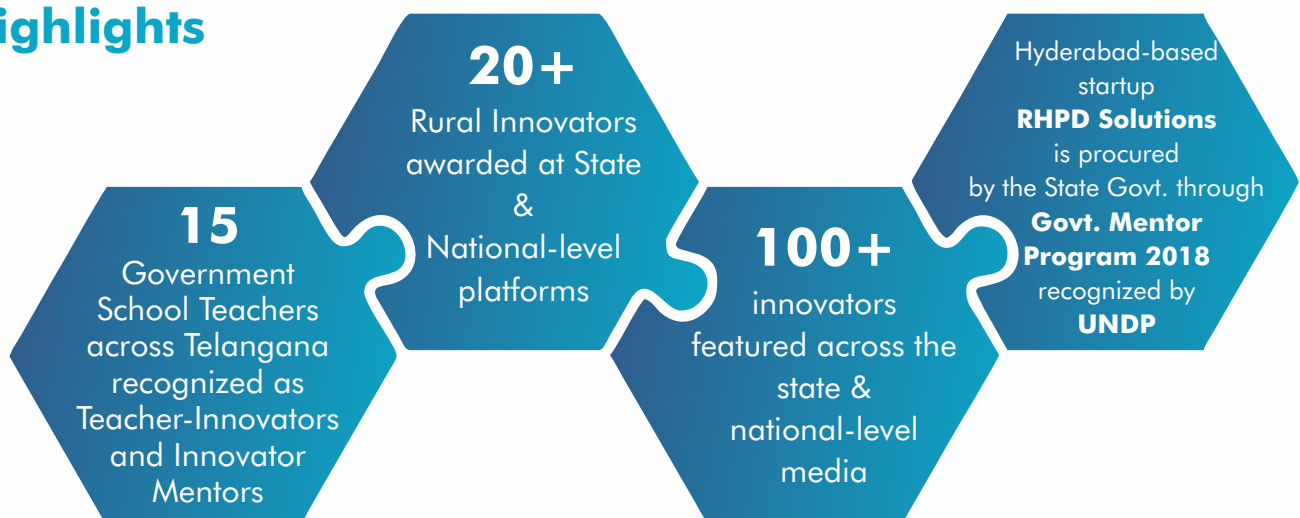


Grooming Innovators and Changemakers

Telangana State Innovation Cell (TSIC), set up in the year 2017 under the State Innovation Policy to foster innovation-driven economy in Telangana, acts as the first response for aspiring innovators.



Highlights



Accomplishments

- The first of its kind **Telangana Innovation Yatra** was successfully completed.
 - ♦ 120 enthusiastic innovators
 - ♦ 4000 km journey across the State
 - ♦ 50 innovative ideas were created
- Successfully executed the **District Innovator Meetup Series-2019** in 5 districts
- 24 sessions by industry experts
- A district network of the innovators created
- Successfully conducted **Intinta Innovator Exhibition** in all the districts under the supervision of district collectors
- Created a first response from the 33 district administrations for the Grassroot Innovators
- **The Village Innovation Challenge** witnessed active involvement of 28 Gram Panchayats, 400+ participants.
- Helped unemployed youth in villages to identify and **solve problems of their villages**
- Innovator Mupparapu Raju's solution- **Automatic switch off/on of street lights**, has been procured by Warangal Urban Collector and has been set up in different parts of the town.
- **35** ATL schools with total **3150** students have been equipped with innovative-thinking abilities.

Major TSIC Initiatives: 2019-2020

Intinta Innovator Exhibition



On Independence Day 2019 TSIC conducted ఇంటింటా ఇన్నోవేటర్ ఎగ్జిబిషన్ in 33 districts of Telangana

Telangana Innovation Yatra-2020



A 4-day journey introducing the grassroots innovation ecosystem of Telangana to 120 innovation enthusiasts

Village Innovation Challenge



Introducing a culture of Innovation to unemployed rural youth conducted in Wanaprthy district, a 24 Hour-Hackathon

Lokal App X TSIC



Lokal App joined hands with TSIC and produced / featured stories of innovators from ఇంటింటా ఇన్నోవేటర్ programme

The Good Talk Factory (TGTF) X TSIC



'Intinta Innovator' speaker series aims at creating a platform for Innovators to share their journey

T-Innovation Utsavam



As part of Telangana Formation Day celebrations, TSIC along with innovation partners, hosted a spectacular event.

Promoting Women Entrepreneurship

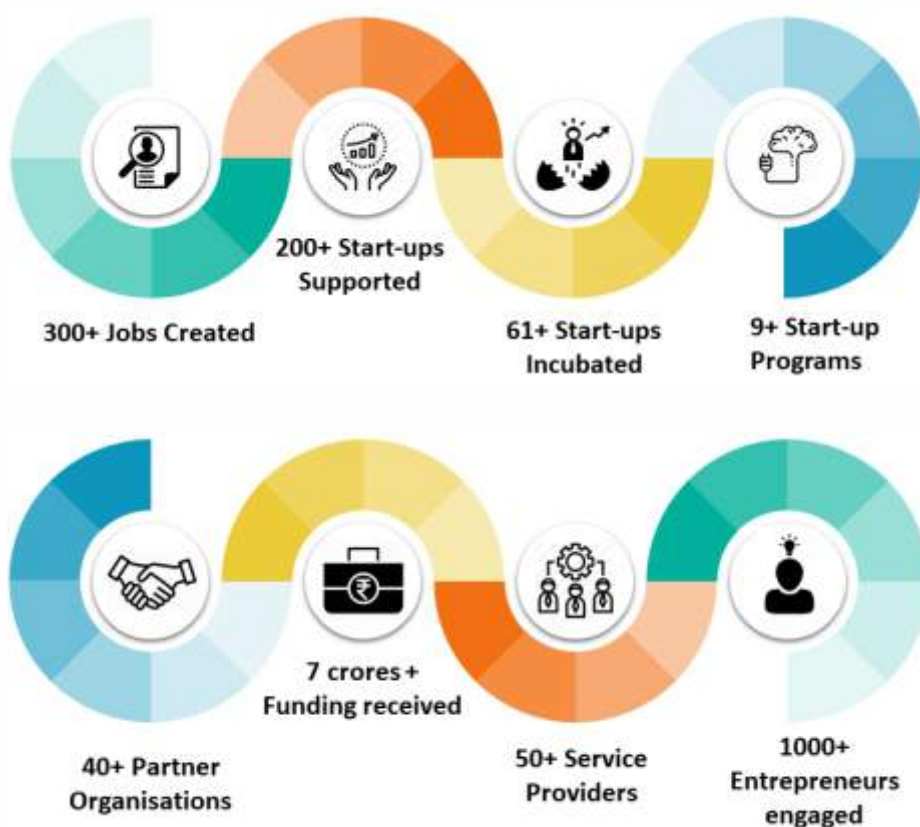
WE Hub is a first of its kind State led platform - with the primary goal to promote and foster women entrepreneurship by way of incubation, access to government and building a collaborative ecosystem.



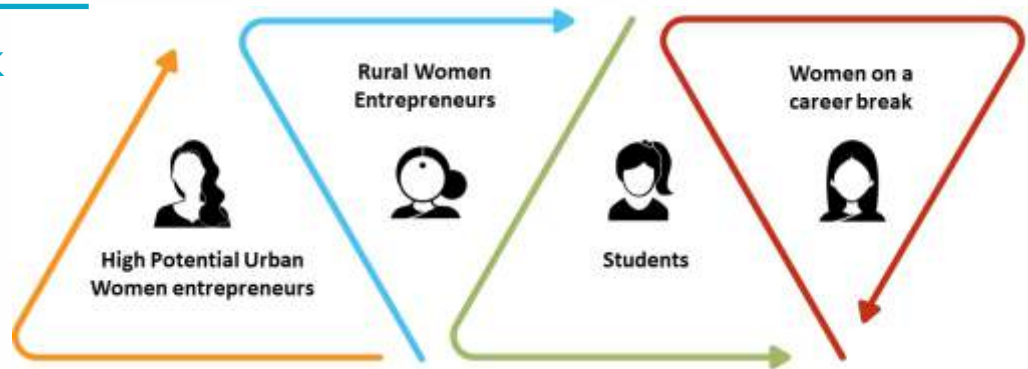
Mission & Vision

WE Hub's mission is to ensure that all women entrepreneurs in the country have access to technical, financial, governmental and policy support required to start-up, scale up, sustain, and accelerate with global market access.

Impact created



Scope of work

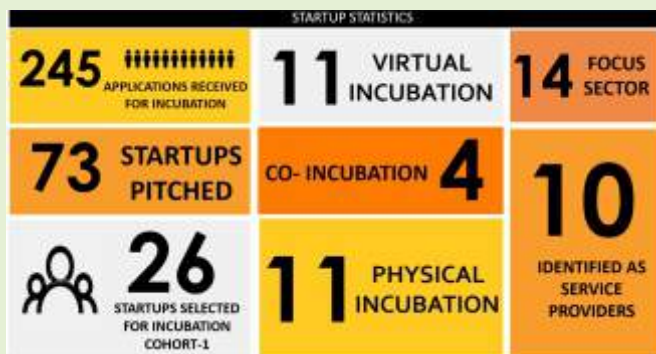


Key Programs

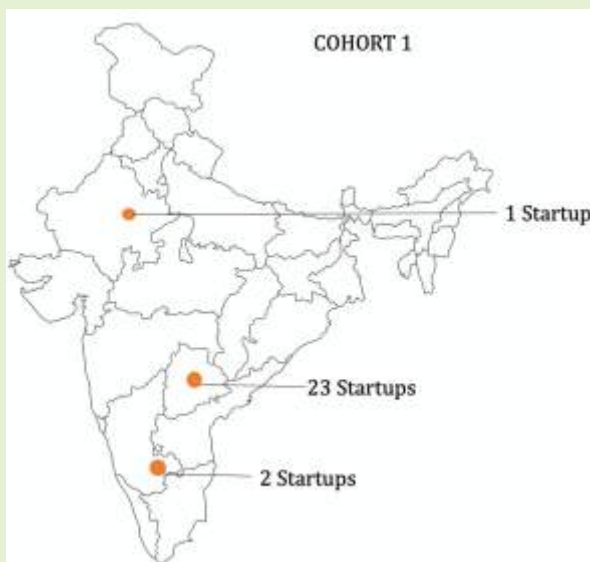
Incubation

Cohort 1

Start-ups have gone through rigorous customized training with a goal-based program structure - 24 of these start-ups have moved at least three stages with an overall drop-out rate at 20%.

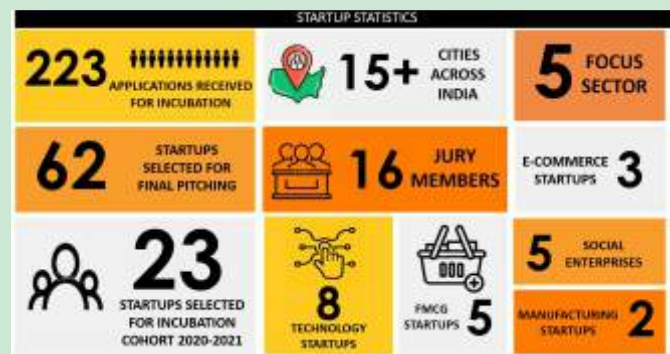


Reach

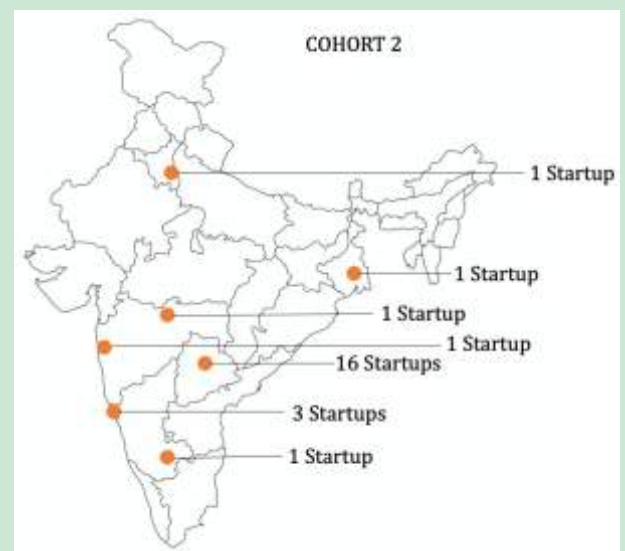


Cohort 2

Adjusting to the current situation, operations were moved to a virtual platform with 24 startups selected.



Reach



Tier 2 / Tier 3 Entrepreneurship (Project Her & NOW)



Implemented by
giz

HER & NOW empowering women entrepreneurs

Outreach Statistics



Outcomes



70 %
of our enterprises
have increased the
stage of enterprise



85 %
of our enterprises have
formally registered
their organizations by
procuring an Udyog
Aadhar Certification.



40 %
of our enterprises
have recorded an
increase in their
employee numbers.



45 %
of our enterprises
have been able to
receive access to
finances through
credit linkages to
the extent of Rs.1.22
crores

Social Enterprise Accelerator:



In collaboration with the Australian Consulate, WE Hub runs Social Enterprise Accelerator program completely funded by the Australian Consulate through the Direct Aid Program.

Ecosystem Building :

WING

WE Hub, in collaboration with DPIIT through Startup India, Let's Venture and KSUM has launched WING - A flagship capacity development program for aspiring and established women entrepreneurs under center's Startup India in Telangana on 20th December 2019

WE Hub - Hyderabad City Police, Hackathon

A 36-hour Hackathon on 18th and 19th January 2020 to identify disruptive solutions in four domains. The four finalists along with the top 26 teams were further identified and mentored by WE hub for a duration of 6 months with the objective of developing their prototypes into a deployable product.

Credit Facilitation & Linkages

WE Hub, was awarded loan sanction letters for 16 Women entrepreneurs for amounts ranging from Rs. 3 lakhs to Rs. 1.3 crores. For the credit facilitation, WE Hub worked with MSME-DI and SBI SME for operationalizing funds under the MUDRA, Stand up India & CGTMSE Schemes

Women Returning to Workforce:

WE Hub has partnered with VMware to upskill 15,000 women across Telangana for growth and impact, by providing free technical education and certification courses on digital business transformation technology

MOU's & Partnerships :



WE Hub partners with Microsoft Garage



Femtrepreneurs, a programme launched in collaboration between WE Hub and the University of Basel



WE Hub partnered with SWISSNEX to promote entrepreneurship and innovation between Telangana & Switzerland



WE Hub collaborated with INTEL India to accelerate women entrepreneurship through technology



WE Hub partnered with Cambridge JBS for social internship programme for students

Pioneering Innovation Ecosystem

Hyderabad, the capital of Telangana, has established itself as a thought leader by building a pioneering innovation ecosystem for India and is maturing in the right direction. T-Hub, with its programs and initiatives has immensely contributed in building this reputation.



Programs

Startup Innovation

T-Hub has a vision of enabling and empowering the global innovation ecosystem, working in collaboration with Telangana innovation partners and other ecosystem enablers in the state, India and world.

Lab32

Second batch of Lab32, the flagship incubation program of T-Hub, was successfully completed and the third batch commenced with 45 startups from different domains. On the occasion of completion of the second batch, The TakeOff, a demo day for Lab32 startups was conducted, which garnered 30+ corporate and 70+ investor connections for the startups.



T-Angel

Joint initiative with the Government of Telangana to enable early-stage startup investments in the state, was launched in partnership with LetsVenture. The program spanned over 3 months and 30 startups were selected for it.

Corporate Innovation

Q-City COVID-19 Innovation Challenge

Fully virtual innovation program designed to empower student entrepreneurs to develop potential solutions to combat the COVID-19 virus. Two winning teams were selected from 300 entries; they will receive direct mentoring and support to transform their ideas into viable business propositions



UTC Innovation Challenge

United Technologies (now Raytheon Technologies) and T-Hub created this program for computer vision and predictive analytics startups, for the aerospace industry. 62 startups from 14 countries applied, and 20 startups presented their solutions on pitch day in New York and Hyderabad. Top 5 startups have been selected for the cohort.



Facebook India Innovation Accelerator

Second edition of the Facebook and T-Hub India Innovation Accelerator Program was focused on AI social impact startups. After four months of mentoring by T-Hub and Facebook, three startups were selected from over 140 applications for GTM support.



Boeing Build

Launched with Boeing to invite students and early stage startups to commercialize their innovative ideas. Selected students went through a two-month program, which included interventions and bootcamp. Three teams presented at the national competition.



Arcade Series

Market access programs for smart cities, HealthTech, MedTech, and DeepTech were held under the Arcade Series. The smart cities program was organized in partnership with Smart Cities Mission and Atal Innovation Mission, NITI Aayog, MedTech with Jubilant, HealthTech with Optum, and DeepTech with Ambuja Neotia. Multiple startups pitched to participating corporates, investors, and government stakeholders, and explored opportunities to work together.



HDFC CSR Grant

As part of the second HDFC CSR Grant program, T-Hub helped HDFC identify three startups working in the areas of EdTech and regeneration of lakes to receive grants.

Ecosystem Innovation

Trestle

It is a structured effort by T-Hub to expand and strengthen its ecosystem in different countries by providing international market access for Indian startups through collaboration with international accelerators or entities. For the first edition T-Hub has partnered with FalconX, to enable startups that are looking to explore the US market.

GRAFT

AgTech challenge that aimed to accelerate the adoption of agricultural technologies across India and Australia through tailored market entry programs. It impacted 12 start-ups, 6 from India and 6 from Australia.

Softlanding Challenge The Hague

Helped 'The Hague Security Delta' to select a startup to receive the privilege to explore the Hague ecosystem free of costs for two months sponsored by The Hague Business Agency and HCL. From amongst eight startups, StaTwig was selected.

Social Impact Ecosystem

T-Hub, IIITH, IITH, and AFI signed a MOU to build a social impact ecosystem in Hyderabad with an aim of solving the business and growth challenges faced by India's tech-enabled social impact startups. At least 5000 startups are expected to be positively enabled by this partnership in 5 years.

Webinar Series

With an aim to provide guidance and support to startups on how to manoeuvre the Coronavirus situation, T-Hub launched a series of focused webinars, divided into different categories, Handling a Hard Time, Business Unusual, Plan-B, AskMeAnything (AMA).

Israel & Australia Visit

Ravi Narayan, CEO, T-Hub led a delegation of startups to DLD Tel Aviv Innovation Festival 2019, and established connects with Israel Innovation Bridge and the local innovation ecosystem. Ravi also visited Australia to explore the local innovation ecosystem, signed an MoU with InQ Innovation, and spoke at Pause Fest.

Events & Visits



T-Hub celebrates its fourth anniversary



T-Hub signed a tripartite MoU with Choose New Jersey and VentureLink to encourage joint research and development between Telangana & New Jersey.



T-Hub signed MoU with Flanders Investment and Trade to facilitate market access for startups



T-Hub hosted GeM Samvaad: GeM CEO Mr. Taleen Kumar and Dr. Anup Wadhawan, Commerce Secretary, Gol, interacted with 65 startups.



T-Hub hosted NITI Aayog's Incubator Training Program for two days. Mr. Amitabh Kant, CEO, NITI Aayog inaugurated the program.



T-Hub hosted Mr Kanwal Rekhi, MD, Inventus Capital Partners and Co-founder - TiE.

Other key industry leaders who visited T-Hub included



Mr. Tasleem Arif - Vice President, India R&D Head, OPPO



Mr. K. Ananth Krishnan, EVP and CTO, Tata Consultancy Services



Mr. Vineet Nayar, Former CEO, HCL Technologies & Founder, Sampark Foundation



Mr Jean Claude Kugener - Ambassador of Luxembourg to India



Visit - Joel Reifman, U.S. Consul General in Hyderabad and Delegation from US Treasury Department



Mr. Tusharkanti Behera, Minister of Electronics and Information Technology, Government of Odisha

Empowering Startups in Hardware Prototyping

T-Works, the maker space envisaged by the government of Telangana, is India's largest prototyping center for electronics, electromechanical and mechanical start-ups.

Accomplishments and Initiatives

Product Design and Fabrication

- Supports makers for rapid prototyping of their innovative products
- Contributes to building the local vendor and supply chain ecosystem
- Provided design and prototyping services to 11 startups

Marut Drones Project: Jungle Maker - Seed Ball Dropping Drone

- Designed and developed seed ball launching payload for a Hyderabad based Dronetech Startup,
- Under the Harithaharam project, code-named Jungle Maker,
 - ♦ dropped 15000 seed balls in 3 hours
 - ♦ to afforest 323 hectares at Veeranapalli forest in Sircilla district



Flat Pack Cradle

- Designed in-house and CNC routed using HDF wood
- Planning to supply to government hospital pediatric department at Siricilla, Telangana



ITE&C DEPARTMENT

Research and Development

Unmanned Aerial Vehicle (UAV) Development

- Designed and built 5 UAVs, Airframes using FDM 3D Printing rapid prototyping technology.
- Tested and showcased at the Hyderabad airshow (Wings India 2020).
- These will find applications in drone medical delivery to surveying.



Covid-19 Initiatives

Mechanical Ventilator & Aerosol Box



- T-Works Developed an affordable mechanical ventilator
 - Handy in times of emergency during COVID-19 times
 - Incorporated advance features needed for medical professionals
- Designed the **Aerosol box** to protect frontline medical professionals; Manufactured and delivered Aerosol boxes to various hospitals

Maker Faire Hyderabad (MFH) - 2019



- The first of its kind initiative in India, held its second edition on 11th Nov 2019
- The event attracted 10,000+ attendees from all over india, over 100 exhibits, 40 workshops, 10 art installations, and 50+ Partners and sponsors

MoU's and Partnerships

Huawei

- for CSR funding for the procurement of material for mechanical ventilator device

Bhagwati Products Ltd. (Micromax)

- for large volume manufacturing of the mechanical ventilator for the Covid-19 pandemic

Major Announcements

Launch of IP Facilitation Cell by T-Works

- To aid startups, SMEs, entrepreneurs, rural innovators by providing easy access to IPR services at a subsidized fee
- Launched as a pilot project in Dec. 2019
- Successfully completed 11 applications and 34 are under process



WEF 2020 Davos

IT Minister KTR led Telangana delegation to WEF- 2020. Apart from participating in various panel discussions, KTR met with several leaders from across the globe, including central ministers from various countries and top executives of global corporations. KTR invited them to explore investment opportunities in Telangana.



With YouTube CEO Susan Wojcicki



KTR with Mr. S. Iswaran, Minister for Communications, Information and Trade Relations, Singapore



With KPMG Global Chairman & CEO Bill Thomas



With BAE Systems Chairman Sir Roger Carr



With Boston Consulting Group Chairman (APAC) Neeraj Agarwal



With Amazon Web Services VP,
Global Public Policy Michael Punke



With IDEO CEO Sandy Speicher



With HP Enterprise COO Vishal Lall



With Alphabet Inc. and Google CEO Sundar Pichai



With HCL Technologies CTO Kalyan Kumar



With Deep Nishar, Senior Managing Partner,
SoftBank Investment Advisers

Education, Employability, Entrepreneurship

Telangana Academy for Skill and Knowledge (TASK), a not-for-profit organization, aims at bringing a synergy between the government, the academia and the industry with an objective to enhance employability quotient of youth in the state.



TASK caters to students from diverse academic courses and socio-cultural backgrounds, works towards achieving its objective through a three-pronged approach

- Skilling the youth in technologies that are sought after by the industry
- Building essential 21st century workplace skills/ transferable skills to make youth more adaptable and employable
- Fostering entrepreneurial mindset in youth to groom them into employment providers

Widening the Spectrum of Skills and Skilling

Colleges Registered with TASK	676
New Students Registered with TASK	57,102
Students Skilled through TASK Initiatives	1,04,611
Total Faculty Skilled through TASK Initiatives	1,561
Total Students Skilled by Faculty Trained by TASK	45,000

Metrics for 1st April, 2019 - 31st March, 2020

Over 3.5 lakh youth skilled across Telangana since the inception of TASK

Outcomes and Achievements

- TASK's rural outreach improved as 64.7% of registered students belonging to underserved communities
- All Govt. Degree colleges and Polytechnics are now registered with TASK
- Provided colleges with affiliation certificates
- thus helping them in the process of obtaining NAAC and other accreditations
- All the colleges were provided with at least one service offering and 364 colleges (~54%) received multiple service offerings
- Started quarterly newsletter - 'TASKonnect'

Activities and Initiatives

- New partnerships formed and partnerships renewed with **40 corporations** to impart industry relevant skilling for students
- About **1400** batches / sessions conducted impacting more than **1 lakh youth** in technical and non-technical subjects
- **New courses** initiated on latest web technologies, emerging technologies including **Artificial Intelligence, Blockchain** and **IoT**
- Instructor led sessions initiated on **21st century transferrable skills** for students
- **Real-time internships** provided for **264** civil engineering students on government road works projects
- Trained over **4300** students across Telangana under **Cyber Rakshak** program in conjunction with **SHE Teams** and **End Now Foundation**
- Trained over **22,000** students simultaneously collaborating with **STL Academy** and **T-Fiber** securing place in **Asia Book of Records**

Cisco's Global ASC Premier Award for TASK in Learn-a-thon



Activity based skilling programs

Placements

- 4,488 students placed through direct placement drives
- Trained graduates placed in diverse industries including IT, ITeS, Pharmaceutical, Aerospace, Sales and Marketing, e-Commerce, Digital Marketing, Banking and Insurance, Defence Forces etc
- Job Fair organized in Karimnagar. Over 200 candidates, including 97 girls, received offer letters.
- Cisco offered internship and placement offers to 39 students with an annual package of ₹14 lakh.
- 300 unemployed youth placed through Finishing School programs

Events

- Annual Meet of the Principals of all registered technical colleges (engineering and polytechnic)
- Twenty new partnerships signed including with AI First, Edureka, Mentor Together, UiPath, TSAT, Vodafone, Manipal Global Education Services
- A Round Table interaction with the Industry to understand future trends and hiring prospects



Students get hands on industry training

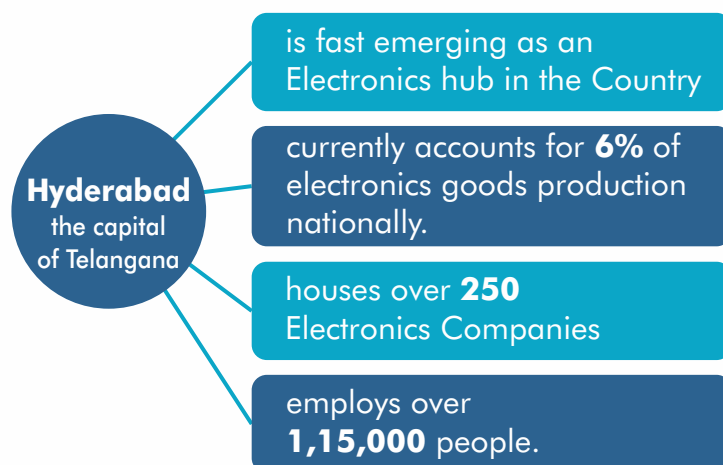


Strengthening Electronics Manufacturing Ecosystem

Telangana State Electronics Policy came into force in 2016 to evangelise the Electronic System Design Manufacturing (ESDM) ecosystem in the state and country.



SKYWORTH Group and Telangana entered into an MoU



Salient Features of Electronics Policy

- **Tailor-made Incentives** for Mega Project (Investment above USD 30 Million or creating over 1000 Jobs) or for a project of strategic importance.
- **Transport Subsidy:** Telangana was the first state to introduce Transport Subsidy, at 60%; 5 years; gradually reduced by 10% YoY
- Recognizes the need for an **in-situ workforce** and has allowed for 20% of the allocated Industrial land to be reserved for residences
- **Skill Development Assistance** - Special assistance is available from TASK (Telangana Academy of Skill and Knowledge) to develop training modules at subsidized costs.
- **Ancillary industries encouraged** to promote end-to-end manufacturing of electronics products.

Performance Report

June 2019 – May 2020

- In 2019 alone, Telangana's Electronics sector received investment proposals totaling INR 7,371.84 crores, an 84% increase from the cumulative investment proposals of the previous three years which amount to INR 8,694 crores.

Investment in 2019-20

- Investment Proposed - INR 21,536.84 crores
- Employment Proposed - 85,387

Electronics Manufacturing Clusters

- Telangana is a critical player in electronics manufacturing with over 30% of the Country's EMC land located in Hyderabad across two EMCs covering a total of 912 acres.
- These are E-City at Raviryala and Maheshwaram EMC both being within 10 km from Rajiv Gandhi International Airport.
- The Government of Telangana has also requested the Central Government for a third

EMC to be notified under the new EMC 2.0 Scheme and has partnered with an Anchor unit for the same.

- Plug-and-Play facility: The EMC at E-City is equipped with 2,00,000 sqft BUA of ready to move-in plug-and-play factory space for electronics manufacturing, that would be ready to be leased by Electronics Manufacturing Units by the next quarter.

Mega Investments in Telangana's Electronics Manufacturing Ecosystem

- **Skyworth Group:** To invest INR 700 crore in an electronics manufacturing unit to be set up in Hyderabad, will provide direct and indirect employment to 5000 people.
- **Himachal Futuristic Communications Limited (HFCL):** An optical fiber manufacturing plant with an estimated investment of INR 250 crores, employment to 1,500 people.
- **ChargeXO Lithium Cell & Energy Park Facility:** to set up a lithium-ion cell

manufacturing facility, investment of INR 15,000 Crore. 7,500 direct employment and 50,000 indirect employment.

- **Exicom Group:** A Greenfield Li-ion battery pack manufacturing plant with the capacity to scale up to 2 Gwh and an investment of around INR 173 crores.
- **Innolia Energy:** An investment of INR 150 Crores in lithium ion battery assembly employment for 300.

R&D Units Set up by Electronics Companies

- **Micron:** Initial capacity of 700 employees; to expand to a capacity of 2000 over the next 2-3 years; 3,50,000 sqft state-of-the-art center; equipped with six purpose-built design and verification labs.
- **Intel:** Initial capacity of 400 employees; to expand to a capacity of 1500; 3,00,000 sqft

center includes 40,000 square feet of Labs space.

- **OnePlus:** Proposed Investment of INR 1000 Crores; employment to 200 people; scaled up to 1500 over the next three years; making this facility the largest R&D center of OnePlus in the world outside China.

Leader in Digital Citizen Services

Electronic Service Delivery (ESD) is the single point agency that leverages technology to deliver government services to citizens and businesses with a key focus on improving efficiency, transparency and accountability.



Profile

- Offers 600+ G2C, B2C services of 100+ participating agencies
- 4500+ MeeSeva Centers, Meeseva Portal and the Mobile App
- Handles about Rs 4,500 Cr per annum
- Serves about 1 to 1.5 lakh citizens every day

Citizen Service Delivery Platforms

MeeSeva 2.0



- The quality of service delivery is further improved with the launch of MeeSeva's new avatar in the year 2019.

T App Folio



- ESD has implemented one of its kind m-Governance initiatives, T App Folio, which enables delivery of G2C, B2C, VAS and informational services.
- Over 7 Lakh downloads; about 10,000 transactions a day.
- Hosts over 225+ services from 32 participating departments.

T Wallet

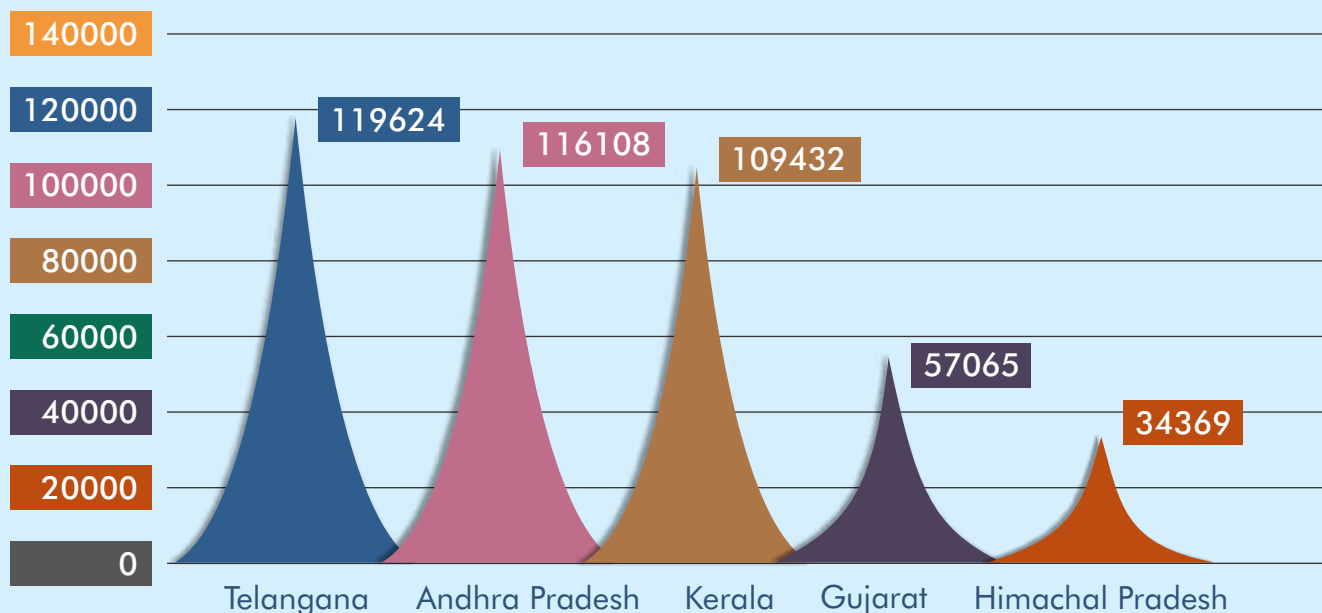


- Official digital wallet of the State launched on 1st June 2017.
- Over 11.1 lakh registrations
- 1.54 crore transactions worth Rs 6,796 Cr facilitated.
- About 42,000 transactions a day

Key Performance Indicators for the Year (2019-20)

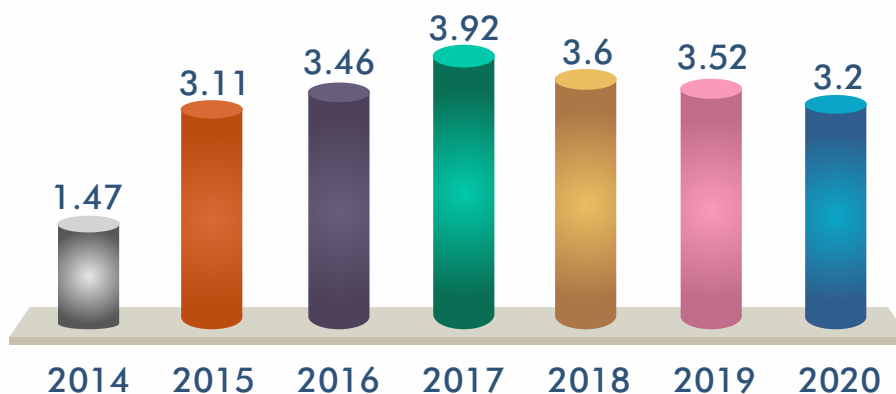
(e-Transactions per thousand population during June, 2014 to May, 2020 as per eTaal website of Govt. of India (Excluding Uts))

Highest number of e-transactions for a State per 1000 population.

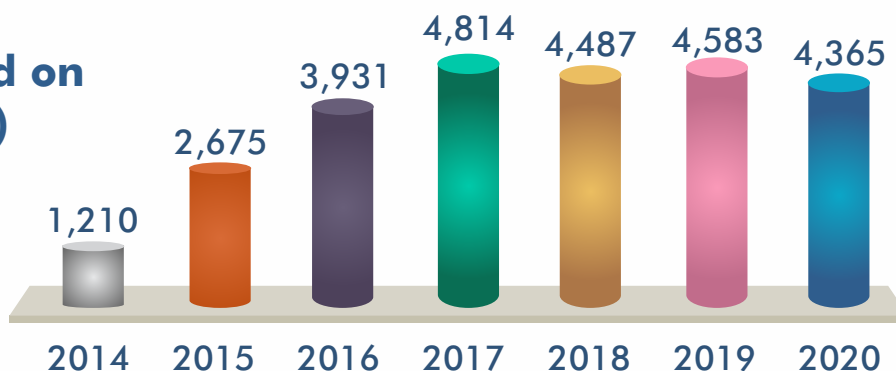


MeeSeva Statistics

Citizens served by MeeSeva (in Cr)



Amount transacted on MeeSeva (in Rs Cr)



Good Governance through Smart Governance

ESD has adopted emerging technologies like Big Data, AI, ML, etc. for re-engineering processes involved in the delivery of all government services.



Voter Verification through Facial Recognition



Telangana State Election Commission used Meeseva's facial recognition application for real-time digital verification of about 7,000 voters in 10 polling booths in urban local body elections held in January, 2020. A first for elections in India.

Samagra Vedika

Developed a smart Governance solution, **Samagra Vedika** - to integrate Govt. databases for informed decision making by officials, for proper targeting of beneficiaries and for increasing revenue using Big Data and Machine Learning. Owing to its utility and potential, Samagra Vedika was mentioned in the Economic Survey of India 2019 presented by the Hon'ble Union Finance Minister in the Parliament on 4th July, 2019.

By leveraging Samagra Vedika application, genuine white ration card-holders were identified for the Rs. 1,500 cash transfer



announced by the State Govt for alleviating distress caused due to Covid-19 pandemic. This saved about Rs. 50 Cr for the Govt.

Solutions Developed to Fight Covid-19

- **On-Road Citizen Tracking App:** Used to monitor the citizens for violation of lockdown by recording their geo-coordinates. Helped police officials objectively tackle repeat offenders coming out of their homes without a valid reason. About 10,000 citizens were checked per day
- **Covid Volunteering Apps:** Developed Cheyutha Helpline for GHMC where citizens can request for assistance to find Food, make donation in kind, volunteer for service, locate Annapurna centre and seek rations
- Developed a simple and secure application form and payment gateways for receiving contributions to the Chief Minister's Relief Fund
- **Home Quarantine Tracking App:** Developed for Health Department to monitor citizens who are under a 14-day home quarantine. The application is developed using AI, ML and Deep Learning

Awards



CSI SIG e-Governance Award-2019
for PLCS implementation



Express IT Award for T App under
Best Mobile App for
Citizen Service Delivery category



Digital Transformation Award-2019
by Governance Now in the
Mobile App category

Delegate Visits

Several delegations from India and abroad visited ESD office and units to understand the operations and implementation process of the citizen services delivery platform.



Bangladeshi Delegation



Kenyan Delegation



Chhattishgarh



Madhya Pradesh



Promoting e-Governance in a Holistic Manner

Telangana holds 3rd position with 23,30,10,787 crore transactions executed from 1st January, 2020 under various e-Governance projects including Mission Mode Projects (MMPs) as per Electronic Transaction Aggregation & Analysis Layer (eTaal), MeitY, Gol.



Government E-Marketplace (GEM)

- Held “GeM Samvaad” with 170 buyers and 150 sellers of GeM in Hyderabad. Top performing Govt. Depts/ entities were felicitated at the event. Police Dept., Woman & Child Welfare Dept., and Education Dept., stood first, second and third respectively in the list of top procuring entities through the platform.
- Successfully implemented in all HODs and district offices. Procurement volume stands at Rs. 511 Cr. During Covid19 lockdown, Rs. 60 Cr worth procurement done.



e-Office

- e-Office is being implemented in 79 Departments (4 Secretariat and 75 HODs) and 70+ Municipalities, 58 Polytechnic Colleges, 120+ Government Degree Colleges, 16 TSSP Battalions and 19 District Offices.

Statistics

- Total No. of Users: 11,200
- Total Receipts created: 10,38,786
- Total Receipts Moved: 23,01,758
- Total Files Created: 3,15,490
- Total Files Moved: 18,64,208



eProcurement Portal

- The new version of eProcurement and eAuction system was launched on 03.10.2017.
- The platform (Website: <http://eprocurement.telangana.gov.in>) is being utilized by all Government Departments including Local Bodies, Municipal Corporations, Cooperative Societies, Public Sector Undertakings and other State Government entities.
- A total of 1,55,187 tenders worth an amount of Rs. 1,20,435 crores were floated of which 63,776 tenders worth Rs. 24,688 crores were finalized.
- During the COVID-19 lockdown, a total of 2,997 tender bids submitted, 2,564 tenders published and 2,155 tenders awarded and 122 new bidders registered.

Go Issue Register (GOIR)

- GOs issued by the Secretariat Departments - 1,28,096
- GOs issued by the Commercial Taxes Dept. - 3,12,871
- GOs issued by Telangana Transco - 25,276

Knowledge Management Automation (KM-ATOM) - 5,81,893 correspondence currents generated through this file management system by all the Depts of Secretariat.

Digital Locker

MeeSeva and Dr. BR Ambedkar Open University are registered as Issuers of DigiLocker system. MeeSeva issued 92,77,694 certificates to the citizen Digi Locker accounts through 25 services. Dr. B.R. Ambedkar Open University issued 758 Certificates to the students thorough 3 services.

Common Services Centres (CSC)

Digital Literacy - Telangana

Government of Telangana, ITE&C Department took up a very ambitious Digital Telangana program. Digital Telangana stands on two pivots; each of them representing the supply and the demand side. On the supply side, the main aim is to ensure that digital facilities become available to each and every person in the state.

On the demand side, the intention is to make each and every person digitally empowered so that he/she can make best use of the digital facilities that are being made available right at his/her doorstep.

The strategies for this include: Digital literacy program, under which one member of each household will be taught to become digitally literate.

Pradhan Mantri Gramin Digital Saksharata Abhiyan (PMGDISHA) aims to make six crore persons in rural areas across State/UTs digitally literate reaching to around 40% of rural households by covering one member from every eligible household in a span of three years.

PMGDISHA- Status of Telangana

53	CSC Academy centres set up
3988	Training centres set up
5,06,848	candidates registered
4,05,096	candidates trained
2,85,749	candidates certified under the scheme

Leveraging Satellite Communication

The satellite TV network operated by Society for Telangana State Network (SoFTNET) under the aegis of the Department of ITE&C telecasts programmes on education, employment, healthcare and agriculture, e-Governance among other subjects through its two channels - Vidya and Nipuna.



Key Initiatives and Outcomes

- Telecast 4 hrs of online classes for classes VI to X daily from 24th April to 30th May in collaboration with **Telangana Social and Tribal Welfare Residential Educational Institutions Societies** in view of the Lockdown precipitated by the Covid-19 pandemic.
- **Telecast digital lessons** of State Institute of Educational Technology (SIET) 2.5 hours daily for the benefit of Govt school students of classes VI to X. Uploaded 535 digital lessons of classes VI to X in T-SAT mobile application.
- **Telecast 1 hr daily live sessions** each for Intermediate and Degree students in collaboration with Social Welfare and Tribal Welfare Residential Education Institution Societies.
- Telecast **Speed Maths** content and uploaded the same on tsat.tv and mobile app
- Telecast **IIT, NEET and EAMCET** coaching classes for the 4th consecutive year.
- SoFTNET and TASK entered into an MoU to 'Identify and Collaborate for Enhancing the Employability of the Youth using Satellite and New Media'.
- Publish **T-SAT Times**, an e-magazine with clickable links to the telecast programmes
- Telecast "Telangana Janapadham", "Mana Chattalu Em Chebutunnai", "Aarogya Mithra", "Student Scientist", "IAS IPS Kaavadam Ela", "Super Students", "Palikedidhi Bhaghavatham" programmes on a wide-ranging topics.
- The faculty of the Govt. teaching hospitals have been roped in to create awareness among the rural population about the possible health issues and available treatments at Govt. hospitals.
- Special Coverage on "Women of India Organic Festival 2019", "Key Makers Youth Summit 2019"



YouTube Channel Statistics

Phenomenal Growth

September 2016	
Subscribers	Views
430	38,740

May 2020	
Subscribers	Views
3.86 Lakh	53 Million



T-SAT Mobile App Statistics

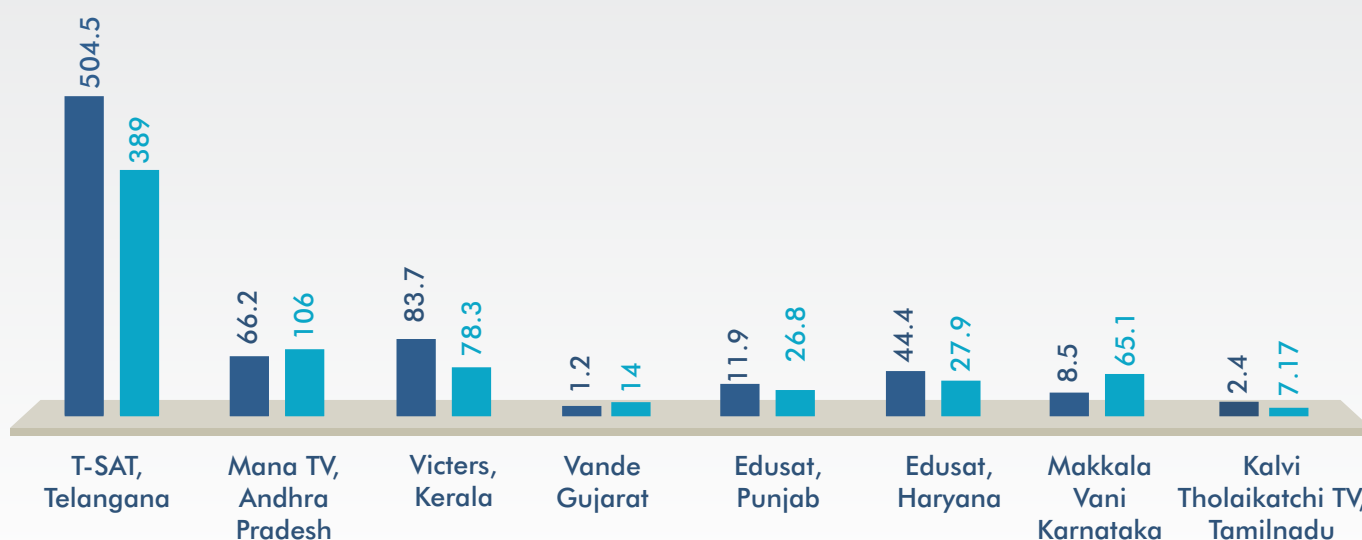
Download the T-SAT App
for Free



New registered users	1,08,888
Total Android Downloads	3,50,450
Total iOS Downloads	5,380
Total active users	6,19,397
Total number of videos uploaded	4,886
Total duration of the videos in hours	3,573
Total number of views	53,83,693
Total viewed minutes	1,31,95,481

Comparison of T-SAT YouTube Channel Statistics with the Statistics of Similar Channels of Other States

■ Views (in lakhs) ■ Subscriptions (in thousands)



Testimonials



T-SAT network channels Vidya and Nipuna are the best learning resources for students particularly the students of Govt run schools in Telangana. It provides the students with multiple teaching resources, helps teachers upgrade skills. The best platform to draw students towards extra-curricular and co-curricular activities. T-SAT has been a highly dependable resource during Covid-19 Lockdown. It helped us reach our students through T-SAT app with special classes. The Education Dept has been able to achieve a quantum leap into higher echelons of governance and digital teaching with T-SAT. We wish you all the best.

- Smt. Chitra Ramachandran,
Spl. Chief Secretary,
Dept. of Education



"...It is highly commendable that T-SAT set the ball rolling following the outbreak of Covid-19 by telecasting online classes with the help of expert teachers, with minimum disruption to the academic schedule. The T-SAT programs should be replicated across India for changing the way in which education can be delivered in future. Credit goes to the Government of Telangana for its vision of applying digital technology to promote quality education..."

- Sri R.S. Praveen Kumar,
Secretary,
TSWREIS, TTWREIS



Search Twitter



Dr Srinu Naayak
@DrBanothSrinu

This is Mudavath Ganesh Preparing for NEET to achieve MBBS he don't have a smart phone, tab neither their parents have smart phone so we arranged a old tv to listen classes viva @TSATnetwork @RSPraveenSwaero @shaileshreddi thank you for your support need to reach more 1/2



Smt. Sabitha Indra Reddy,
Minister for Education
launching digital lessons for school children.



T-SAT CEO Sri R. Shailesh Reddy,
Receiving *Digital Transformation in Education*
Award by Governance Now



A Trusted Partner in Digital Transformation

Telangana State Technology Services (TSTS) is the Nodal Agency for consultancy and hardware & software procurement services for all government departments in the State.



Vision

Position itself as a technologically advanced and customer-centric one-stop-solution provider with :

- Reforms and standardization in the procurement process
- Capacity building by way of strengthening the Technical Manpower
- Government funding for IT initiatives.
- Technology transfer and commercialization
- e-Governance initiatives using AI, Big Data, Mobile Technology and Block Chain

Activities and Projects

- AUA-ASA Project: TSTS provides Authentication User Agency (AUA) services to all the Govt. departments based on Aadhaar
- Maintenance of 110 Government owned Meeseva centres in urban areas.
- Pension Life Certificate through Selfie (PLCS)
- Facial Recognition Solution for State Election Commission
- Handlooms & Textiles Dept: Online Application for Incentives Scheme under T-TAP 2017-22
- Mobile App for 'Palle Pragathi' Program

Activity Matrix

Hardware & Software Procurement Services

SWAN/VC/State Data Centre/SCAN

Fund Manager for ITE&C Department

Consultancy & e-Governance Initiatives

Service Centre Agency for MeeSeva cum O&M of Govt. owned MeeSeva

e-Procurement/PKI/ Digital tokens

- Supply of Portable Public Address System (1000 Nos.) to Health Department for creating awareness on COVID-19.
- Extension of Hyderabad City Integrated Traffic Management System to Cyberabad and Rachakonda Traffic Police jurisdictions.
- Scanning and Digitization of old records for IGRS Department.
- PR&RD Dept: O&M of MGNREGS Application; Setup, O&M of Call Centre.
- Nehru Zoological Park - Bid evaluation of the CCTV Surveillance System
- Hardware and Office Automation Projects (HWP & OAP) for High Court & other depts.
- Infrastructure & Networking Projects (IIP)



Digital Media for Effective Citizen Engagement

Digital Media Wing is responsible for disseminating information on the digital media platforms by connecting and engaging with citizens.



Developing Citizen Centric Portals

Covid-19 Efforts

- Developed Covid-19 portal with the assistance of Health Dept. - <https://covid19.telangana.gov.in/>. More than 3 lakh netizens visited the portal
- Factcheck Portal - <https://factcheck.telangana.gov.in/> - India's first governmental effort to check the spread of fake news, misinformation and rumours. Several other Indian States replicated the model. The portal is accessed by about 3 lakh users.
- Covid-19 WhatsApp Chatbot - <https://wa.me/919000658658?text=Hi>. Launched to provide authentic information to citizens on the Covid-19 pandemic. The Chatbot was made available in Telugu, Urdu and English. Reached more than 2.61 lakh people at last count.
- Revamped Telangana CM website - <https://cm.telangana.gov.in/>
- Twenty-three district websites have been moved to NIC's S3WaaS platform
- Media Accreditation Module for I&PR Dept.

ప్రాజెక్ట్ తెలుగు వికీ

ITE&C Dept. is collaborating with IIIT, Hyderabad to bring awareness on Telugu Wikipedia and to increase the number of articles to 30 lakh from under 1 lakh as on date. Information related to Telangana's history, culture, art, architecture, economy, polity, prominent personalities and other topics would be made available for easy and free access. Efforts are on to bring all the offline content on to the digital media platforms. A dedicated **Project Telugu Wiki** team is set up.



Numbers Speak

Social Media Statistics (1st April, 2019 to 31st March, 2020)

Telangana CMO		
	Followers	Reach
	8,08,270	3,30,18,123
	8,90,677	3,63,28,148

Minister KTR		
	Followers	Reach
	5,00,094	1,84,79,182
	6,27,530	3,05,80,270

Telangana CMO Twitter handle stands at 1st position vis-a-vis other states of India in terms of 'Followers per Thousand Population' whereas Telangana CMO Facebook page is at 2nd position in terms of 'Likes per Thousand Population'.

Workshops / Trainings

- Orientation Programme on Social Media for IFS Officers at MCRHRD Institute on the topic "Future of Social Media" as part of Foundation Course for All India Services and Central Civil Service Officers
- Social Media Orientation for a batch of Sr. Police officials from various States at RBVRR Telangana Police Academy
- Orientation Session on TikTok
- Orientation Session on ShareChat
- First Capacity Building Session on Project Telugu Wiki at IIIT, Hyderabad
- Telugu Wikipedia stall set up at the 33rd Hyderabad National Book Fair
- Regular workshops to Wikipedia enthusiasts

 Twitter				
S.No.	State	Followers	Population (2011 Census of India)	Followers per 1000 population
1	Telangana	8,59,442	3,50,03,674	24.55
2	Haryana	5,29,420	2,53,53,081	20.88
3	Madhya Pradesh	13,63,646	7,26,26,809	18.78
4	Uttar Pradesh	30,43,895	19,98,12,341	15.23

 Facebook				
S.No.	State	Likes	Population (2011 Census of India)	Likes per 1000 population
1	Rajasthan	18,23,891	6,85,48,437	26.61
2	Telangana	8,08,270	3,50,03,674	23.09
3	Kerala	7,60,552	3,33,87,677	22.78
4	Punjab	4,81,339	2,77,04,236	17.37



TikTok workshop for Government PROs



Open Data Initiative

Opening up Govt data for citizen consumption

- Open Data Unit strives to put government data in open and machine-readable format for the general public use. The Open Data Portal - www.data.telangana.gov.in - currently hosts 188 datasets and 472 resources.

Focus: Public Transit datasets in GTFS standard

- Global Transit Feed Specification (GTFS) standard datasets from the Hyderabad Metro Rail Limited (HMRL) and Multi Modal Transit System (MMTS) are made available on the portal.

Open Data portal has more than 2 lakh views.

- Telangana State Road Transport Corporation's (TSRTC's) Hyderabad city route maps and bus network have been digitised.

Collaborations for Problem Solving

- Collaborated with Ola Mobility Institute to come up with a custom-made Road Quality Monitoring tool for Greater Hyderabad Municipal Corporation (GHMC). This tool enables engineers to find out bad patches of roads and fix them. The solution has been scaled up to include entire city of Hyderabad.

Community Engagement

- Offered internships to Engineering students, conducted workshops at JNTU Hyderabad.



T-Social Impact Group (T-SIG)

Ensuring Efficient CSR Implementation in the State:

- T-Social Impact Group (T-SIG) is an initiative by the Department of Information Technology, Electronics and Communications of the Government of Telangana State to attract, mobilize and incentivize financial investments into inclusive and sustainable development projects from local, national and international organizations.

Highlights of CSR Collaborations through T-SIG for Telangana:

- With T-SIG's support, **Huawei** has worked upon the developmental needs of 18 schools in Rajanna-Sircilla district of Telangana.



- T-SIG played a pivotal role in **IBM's** project with **Quest Alliance** organization to introduce STEM learning to girl students in Telangana with a budget of INR 2 Crore
- **HSBC** with collaborative help of T-SIG, started a project with **Nirmaan** organization on a women's skilling center in Hyderabad with a budget of INR 50 Lacs.
- T-SIG team coordinated relief efforts in the state during the distressing times of COVID-19
- As a result of **13 Round Table Meetings** organized by T-SIG, many fruitful collaborations happened among various organizations resulting in many CSR projects

Face shields to TSRTC Department



Facilitating the Realization of 'Digital Telangana'

To build and leverage the broadband infrastructure, Government of Telangana initiated T-Fiber Grid Project to provide broadband connectivity up to the household level.

Vision of T-FIBER

- Establish a state-of-the-art digital network infrastructure that is long-lasting, resilient, secure, scalable, and carrier-grade to provide affordable high-speed broadband connectivity from State Headquarters to all homes and enterprises in the State of Telangana.



10 Zones (33 Districts)

585 Mandals

12,751 Gram Panchayats

83.58 lakh households

BHARATNET Phase II

- With a mandate from USOF/DoT, Government of India as part of BHARATNET Phase II to connect Mandal to Gram Panchayats, T-Fiber has signed an MoU to establish the network.
- Secured USOF/BBNL grant of INR 2065 Cr



- Finalized active and passive Infrastructure deployment and design guidelines
- Filed execution works are in progress.
- T-Fiber targets to complete the establishment of the entire network by the end of 2022.

Events & Meetings



IT Minister KTR inaugurated Micron Technology Development Centre in Hyderabad. Micron CEO Sanjay Mehrotra, Chairman Robert Switz, NITI Aayog CEO Amitabh Kant and US Consul General in Hyderabad Joel Reifman participated.



Minister KTR inaugurated Mphasis center along with CEO Nitin Rakesh. IT Secretary Jayesh Ranjan participated.



Salesforce Executive VP, Govt Affairs Eric Loeb and Director, Govt Affairs Shweta Rajpal Kohli met KTR



IT Minister KTR met Uber CEO Dara Khosrowshahi at their facility in Hyderabad.



Cognizant EVP and President Digital Operations Mr. Ganesh Ayyar met IT & Industries Minister KTR



NASSCOM President Debjani Ghosh met Minister KTR. Telangana to observe 2020 as the Year of AI



Inauguration of IndiaJoy - 2019, India's biggest event for Gaming, Media and Entertainment



Capacity Building Training Launch. CM's ST Entrepreneurship and Innovation (CMSTEI) Scheme



IT Minister KTR inaugurated Intel Design & Engineering Centre in Hyderabad



Mphasis opens new facility in Hyderabad

Events & Meetings



Government of Telangana signs MoU with Google for Digital Telugu



ITE&C Principal Secretary
Jayesh Ranjan at
AMD Gameon 2019 held at Hyderabad



At the inauguration of Amazon's Hyderabad Campus



ITE&C Principal Secretary
Jayesh Ranjan at MoU Signing
event of Telangana Blockchain
District and ISB



ITE&C Principal Secretary
Jayesh Ranjan at NPCI Innovation Lab
inauguration at T-Hub



Inauguration of
Global Delivery Center Experian
Services India Pvt Ltd



Inauguration of India's first OnePlus R & D Centre in Hyderabad.



Conference on 5G-The Catalyst to
Digital Revolution in India in Hyderabad

Events & Meetings



Minister KTR at the India - Thailand Business Matching and Networking program



Formal Inauguration of the Tech Mahindra Campus in Warangal.



Minister KTR at the inauguration of Cyient Development Centre in Warangal



New Zealand MP Priyanka Radhakrishnan called on Minister KTR



Anand Stanley, President & MD, Airbus India & South Asia met IT Minister KTR



Mr. Nik Khanna, MD, BAE Systems India met IT Minister KTR



Minister KTR presents Intinta Innovator Awards



A formal meeting with Deputy Prime Minister and Minister of Commerce, Thailand H.E. Mr. Jurin Laksanawisit



In a discussion with Tech Mahindra CEO CP Gurnani at 28th NASSCOM Technology and Leadership Forum 2020 in Mumbai



Inauguration of Syngene Intl R&D Centre at Genome Valley in Hyderabad.

Events & Meetings



IT Minister KTR launched the 'Applied AI Research Centre for Mobility and Healthcare' hub of Intel along with Intel India Country Head Nivruti



Representatives from NASSCOM, HYSEA and Cyberabad Security Council met KTR to discuss the way forward in view of COVID-19



Minister KTR launching TS GOV COVID INFO Whatsapp Chatbot



Minister KTR launching T COVID - 19 Mobile App



T Works CEO Sujai Karampuri giving a demonstration of the affordable ventilator to Minister KTR.



IT Minister KTR spoke in the VC chaired by Hon'ble Union IT Minister Ravi Shankar Prasad



U.S. Consulate General Hyderabad Joel Reifman calls on Minister KTR



In a Webinar with the leadership and members of Public Affairs Forum of India (PAFI)



HYSEA President Mr. Bharani Aroll along with the newly appointed executive committee called on IT Minister KTR



Interaction with the captains of the IT industry over a video call giving an overview of the State's strategy to contain COVID-19



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