

A STUDY ON INFORMATION TECHNOLOGY (IT) AND ITES POLICIES IN TELANGANA TOWARDS DIGITAL INNOVATION AND ENTREPRENEURSHIP

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Abstract: Telangana Government is making giant strides towards developing the state as a major hub for Digital Innovation and Entrepreneurship. Telangana government flagship initiatives in this direction are ESDM, T-Hub, TASK, WE Hub, Rural Technology Centres, Multimedia and Gaming Centres, State Innovation Cell, T-Works, T-Wallet, T-App Folio, SoFTNET, T-FIBER etc. through fiscal incentives and other concessions as per the new IT Policy. Newest state of India welcomes investors in Information Technology sector towards Digital Telangana to ensure greater transparency in policies and procedures to ensure investor friendly platform. India's youngest state is all set to oust Bengaluru as the Silicon Valley of India. Telangana state registered an impressive growth rate (YoY) of 9.32% during 2017-18 which is higher than the national average (7-9 %) in the field of Information Technology & Information Technology Enabled Services (IT/ ITeS) exports. Telangana's IT exports have been growing at a Cumulative Annual Growth Rate (CAGR) of 15.6% since its formation. In this context, the present study is an overview of Telangana Government IT Policies to promote Innovation and Entrepreneurship in the IT & ITES sector to make Digital Telangana by aggressively setting up ESDM, T-Hub, TASK, WE Hub, T-Works

Key words: ESDM, T-Hub, TASK, ICT Policy – 2016.

INTRODUCTION:

After the introduction of New Economic Policy in the year 1991 by then Finance Minister Shri Dr. Manmohan Singh under the bold and dynamic leadership of Late Honourable Prime Minister Shri P.V. Narsimha Rao brought major economic reforms by allowing Foreign Capital, Foreign Goods and Foreign Technology and Foreign Direct Investment in India lead to growth in Information Technology and paved a way towards **Digital Innovation** and created new avenues in **Entrepreneurship promotion** in our country. During the UPA period (2004-2014), many programmes initiated towards technology development in the field of Telecommunication Sector, Information Technology in providing e-governance services to citizens like E-SevaCenters and AADHAAR services and so on. "**Digital India**" Programme which was launched by Shri Narendra Modi, Prime Minister of India on 1st July, 2015 for comprehensive growth in the fields of electronic services, electronic products, electronic manufacturing to avail vast job opportunities with the aim of improving digital knowledge with high speed internet networksto citizens of India. Its main focus is on digital infrastructure as a utility to every citizen, governance and services on demand and digital empowerment of citizens. The various programmes launched towards Digital India are Aadhaar enabled payment system, BHIM (Bharath Interface for Money), PAHAL (Direct Benefit Transfer Scheme), Bharat net, digital locker, e-education, e-health, e-sign, e-shopping and national scholarship portal etc. Hyderabad emerged as SiliconCity in the field of IT and ITeS during the Combined Andhra Pradesh and continued after the formation of Telangana State. Telangana government launched many policies to make **major hub for Digital Innovation and Entrepreneurship** with Telangana ICT Policy on April, 4th 2016 and four other allied policies – Policies on Rural TechnologyCentres, Innovation, Electronics and Gaming. Telangana Government is aggressively setting up Export Oriented Units (EOU), Software Technology Parks (STP), and Special Economic Zones (SEZ) to facilitate and strengthen IT and ITES organisations through a new IT Policy. New strengths have been developed in the State in fields such as IT, ITES, Aerospace, Multimedia and Gaming segments. ITIR is envisaged as a self-contained integrated knowledge Cluster dedicated to establishment and growth of Information Technology (IT), Information Technology Enabled Services (ITES) and Electronic Hardware Manufacturing (EHM) units basing on the Policy resolution of the Government of India to promote Information Technology Investment Regions in the country, Government of Telangana has taken a lead initiative to identify & develop an ITIR in an area of about 202 Sq.Kms. in and around Hyderabad and Ranga Reddy districts. The proposal is under active consideration for approval and notification by Government of India. All these flagship initiatives of Telangana state and Hyderabad's Information Technology (IT) and Information Technology Enabled Services (ITES) sector played vital role in putting India on the global map. Hyderabad stands in second position in the country by contributing 11% of nationwide IT exports with above initiatives in Telangana. Newest state of India welcomes investors in Information Technology sector towards Digital Telangana to ensure greater transparency in policies and procedures to ensure investor friendly platform. India's youngest state is all set to oust Bengaluru as the Silicon Valley of India by registering an impressive growth rate (YoY) of 9.32% during 2017-18 which is higher than the national average (7-9 %) in the field of Information Technology & Information Technology Enabled Services (IT/ ITeS) exports. Telangana's IT exports have been growing at a Cumulative Annual Growth Rate (CAGR) of 15.6% since its formation

OBJECTIVE OF THE STUDY:

- ❖ To study the various programmes introduced for Digital Innovations and Entrepreneurship promotion through ICT Policy- 2016 in IT & IT Enabled Services of Telangana.
- ❖ To study the growth of IT Sector in terms of Exports, Employment Generation and Units Expansion for the period of 2014 to 2018

SCOPE OF THE STUDY:

The Scope of the Present study is confined to the very few programmes initiated by the Telangana Government towards Digital innovation and promotion of entrepreneurship with Information and Communication (ICT) Policy, 2016 for the establishment of skill development centers to enhance employability like ESDM, TASK & T-Works entrepreneurship development incentive programmes like T-Hub & Women Entrepreneur Hub.

REVIEW OF LITERATURE:

A study of the impact of leadership styles and entrepreneurial orientation on organizational performance of selected manufacturing SMEs in Pune region for the period 2008 to 2013 by Vaidya, Nitin R.

RESEARCH GAP:

The Research Gap was identified from a study of Mr. Vaidya Nitin R for further research on any selected manufacturing or service oriented industry influence on entrepreneurial and organizational promotion due to the visionary leadership style.

RESEARCH METHODOLOGY:

The Present research methodology or analysis is based on secondary data collected from various related websites, research reports, magazines and Journals.

THEORETICAL FRAMEWORK:

ICT Policy 2016: The state aims at doubling its exports and employment from IT and related sectors over a period of five years. The state seeks to achieve these ambitious targets by providing a congenial industry-friendly climate for IT companies, by building/developing an industry-ready employment force, encouraging innovation, SMAC (social, mobile, analytics and cloud) - driven disruption and entrepreneurship within the state, spreading IT to Tier-II locations, and finally leveraging IT as a tool for the socio-economic development of the region.

The Vision of ICT Policy of Telangana

- To position the state as the most preferred destination for IT companies
- To make the state a leader in key emerging technologies
- Use of IT tools to improve processes and citizen service delivery
- To empower citizens to make the best use of the opportunities emerging in an increasingly digital world
- To become a leading global hub for technology entrepreneurship and innovation in the country

**Focus areas and the key themes**

- (i) **Expansion of IT/ITeS units:** The policy provides attractive incentives to encourage all existing IT/ITeS companies to expand and grow within the state, and also to motivate and incentivize new companies to come and establish their units in the state. While Hyderabad will remain the centre of product development and R&D activities, companies, particularly ITeS companies, are encouraged to locate themselves in Tier-II cities like Warangal, Karimnagar, Khammam, Nizamabad, etc.
- (ii) **Electronics:** The policy envisages making Hyderabad a global hub for electronics and design industry by providing infrastructure support, by creating a larger pool of skilled workforce, by offering a supportive policy environment, and by providing a pleasant tax and fiscal regime. Two EMCs (Electronic Manufacturing Clusters) are being set up at e-City and Maheshwaram Science Park.
- (iii) **Entrepreneurship:** The policy provides impetus to young entrepreneurs and kick-starts next-generation innovation by providing access to critical capital and state-of-the-art physical infrastructure. The state government has established the largest innovation and start-up ecosystem in the country, the T-Hub, in partnership with private players and academic institutions. The government

has been encouraging both private and public institutions to set up incubators, accelerators, seed funds, etc., to provide critical support to early-stage entrepreneurs.

- (iv) **Skilling:** The policy strengthens the skill ecosystem in the state by giving equal importance to augmenting a skilled workforce to cater to the needs of growing sectors. The Telangana Academy for Skills and Knowledge (TASK) has been entrusted with the responsibility of augmenting a pool of skilled labour for companies to get easy access to a rich skill-base in the state. With customised training programmes, developed through constant industry feedback, complementing prestigious educational institutions that exist in the state, the state shall ensure the fulfilment of human resource needs of IT companies across all sub-verticals.
- (v) **Procurement of IT products and services by the government:** The government will interact with technology developers including large companies, SMEs and start-ups to identify innovative technology solutions that can be used to modernise public sector initiatives.
- (vi) **New initiatives:** The policy vision is to make Telangana a leader in all emerging technologies by creating a conducive environment that encourages product development companies, R& D institutions, SMEs and start-ups to choose Telangana for their units. The state has brought out first-of-its-kind sectoral policies in key sectors such as gaming and animation, smart technologies, data analytics, data centres, open data, cyber security, etc.
- (vii) **E-governance and m-governance:** The policy provides guidance to use IT services for public service delivery. The government strives to be a leader in e-governance and increase the electronically delivered services. The government intends to develop a portfolio of mobile applications for delivery of citizen services through phone.
- (viii) **Digital Telangana:** Through the Digital Telangana programme, the government aims to transform the state into a truly digitised region by connecting every household through broadband, and by providing Wi-Fi in major municipal corporations and by ensuring 100 per cent digital literacy.
- (ix) **Promotions:** The government shall participate in international and domestic trade shows, conferences and seminars to highlight the advantages the state offers for the IT/ITeS, electronics and related sectors and consolidate its position as the preferred investment destination.
- (x) **Enhanced quality of living:** The overall aim of the policy is to build excellent infrastructure and regulatory framework for companies, the local talent used for propelling the growth of the economy.

The following are the few programmes initiated by Government of Telangana with ICT Policy to make Telangana in particularly Hyderabad as IT and ITeS Hub for Innovation and Entrepreneurship are as follows:

- A) **ELECTRONIC System Design Manufacturing (ESDM)**
- B) **T-Hub, a government of Telangana initiative, is India's largest incubator for Startups**
- C) **Telangana Academy for Skill and Knowledge (TASK):**
- D) **T-Works**
- E) **WOMEN ENTREPRENEURS HUB (WE- HUB)**
- A) **Electronic System Design Manufacturing (ESDM):** It is a 'Scheme for Financial Assistance to select States/UTs for Skill Development in Electronics System Design and Manufacturing (ESDM) sector' was approved by DeitY in November, 2013 to facilitate skill development for students/unemployed youth at 9-10th standard onwards, ITI, Diploma, Non-engineering graduates, etc. to increase their **employability to work in 'Manufacturing' and 'Service support' functions**. A total of 7,500 will select and support out of 90,000 persons across India under the scheme in the selected States like Jammu & Kashmir, Karnataka, Kerala, Punjab, Uttarakhand and Uttar Pradesh in 5 levels of vocational skill development courses recognized by NIELIT/Electronic Sector Skill Council/Telecom Sector Skill Council. Out of which **The total outlay of the Scheme is Rs. 113.77 crore with Grant-in-Aid of Rs. 100 crore** (approx.). The scheme provides for 75 % of training fee as assistance for training courses identified by Electronics Sector Skills Council, Telecom Sector Skills Council and NIELIT. The scheme also provides for 100% fee reimbursement to 40% of the seats which would be reserved for the candidates belonging to SC/ST/Economically weaker sections. Further, Registration-cum-Certification fee per candidate (for the first attempt only) would also be reimbursed to assessing/certifying agencies. Telangana Government is planning to make Hyderabad as the hub of Electronic System Design Manufacturing (ESDM) to attract investments into the **two ESDM clusters at e-City Manufacturing Cluster and Maheshwaram Science Park**. The former is envisaged in an extent of 602 acres, and the latter is of 310 acres. It has identified some of the critical factors such as Market potential, Industry capabilities, World class skills, Regulatory environment, Infrastructure & logistics and Strategic need for building a cohesive Electronics manufacturing clusters. Some of the Key Government Initiatives to support ESDM sector are as follows:
 - Create 4 Hubs covering NEWS (North, East, West, and South) in and around ORR, Hyderabad consisting of 300 Acres of Multi product Electronic SEZ's and another 200 acres for the supporting Electronic Industry.
 - Convert existing clusters such as FAB City and Aeronautical SEZ into Centers of excellence, giving fresh impetus on Infrastructure.
 - Create a joint Government-Industry committee to market India and attract investment in India.
 - Incentivizing investments in Telangana by creating a model where the subsidy or rebate given to an Electronic Hardware industry is determined on the basis of the value addition and volumes.
 - R&D will be the key focus areas for Telangana. Intellectual Property (IP) creation by local units will be given prime importance.
 - Common facilitation Centre/Incubation Centre/Cluster should be established with full-fledged testing facilities to meet the global quality parameters such as EMC, Safety Testing, RF, Microwave Testing, Environmental Testing, and Endurance Testing & Other Functional Testing. This should be closer to the Electronic Hardware Industries Cluster.
 - Creating Hardware Manufacturing Clusters in both SEZ and non-SEZ(domestic) areas in tune with the Policy Guidelines of Electronic Hardware Promotion program of Ministry of Communications & information Technology, Govt of India

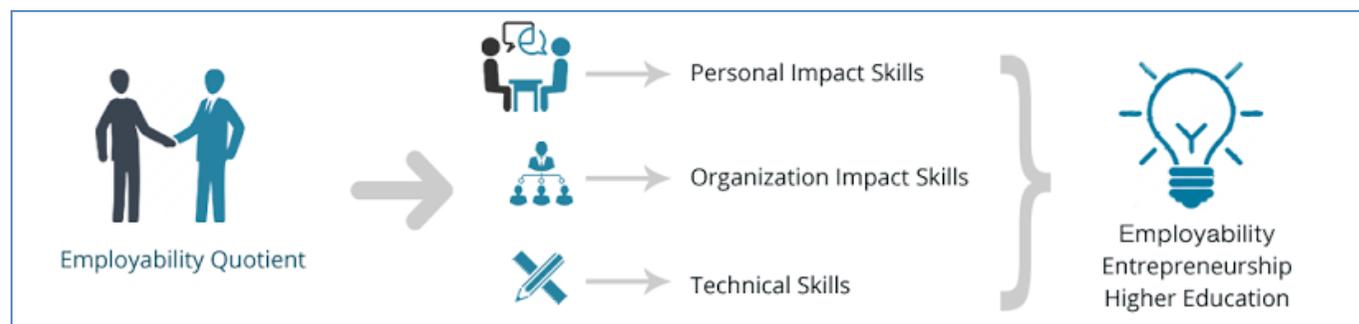
- Create a fund under the management of a working committee comprising representatives of industry bodies and government, with an equal stake to promote design, manufacturing, assembling, and Innovation and packaging business.
- Organizing exhibitions, conferences and taking Electronic Hardware companies located in the state as part of trade delegations to domestic, national and international exhibitions.
- Single Window System for necessary permissions and clearances. Concerned Industry association inputs/suggestions/approval/recommendation may be obtained for necessary clearances.
- Recognizing the importance of involving Industry Stake Holders, President, and ELIAP has been included as a member of Consultative Committee on IT Industry (CCITI) which is an industry Government body for administration of incentives and providing comfort and facilitation for Electronics Hardware Sector.

B) T-Hub, a government of Telangana initiative, is India's largest incubator for Startups:

A technology incubation centre, located at IIIT-Hyderabad campus in Gachibowli, Hyderabad, T-Hub is a novel intervention of the government of Telangana to promote entrepreneurship in the State. It will be the country's largest such facility for start-ups and entrepreneurship. T-Hub will provide one central location for members of the local start-up community and investors to network, learn, communicate, share and make deals. T-Hub envisions building a cohesive environment and a vibrant entrepreneurial ecosystem within the State for the next wave of technology companies for the full cycle of growth from seed stage to maturity. The Salient features are as follows:

- A PPP between the GoT, IIIT-H, ISB & NALSAR and key private sector leaders
- To bring entrepreneurs, venture capitalists and mentors onto a single platform
- To create/attract best start-ups & entrepreneur organisations in/to Hyderabad
- Link, educate and promote all entrepreneurship-related stakeholders

C) Telangana Academy for Skill and Knowledge (TASK):



The key focus at Telangana Academy for Skills and Knowledge is to enhance employability quotient of young graduates in our state and enable them to choose multiple avenues as they graduate. TASK enables a collaboration platform between Government, Academia and Industry to enhance skilling, research and entrepreneurship among youth in Telangana.

Some of the key initiatives at TASK include

- Soft Skill development programs for Graduates
- Faculty Development Programs at colleges
- Initiatives that nurture product innovation among students & faculty in collaboration with JNTU and HYSEA
- Technology Entrepreneurship Program for students in collaboration with ISB
- Technology Skilling Programs in collaboration with Oracle, Infosys, Google, IBM, Microsoft, Autodesk and SAP
- Rolling out programs in collaborations with IIIT – Hyderabad, NIT Warangal, IIT Hyderabad and BITS Pilani
- ESDM Scheme Implementation
- Coordination of Training Programs for Government Departments
- Finishing School and E-Learning Programs

D) T-Works:

The Vision of T-Works is “To create and celebrate the culture of makers, doers, creators, tinkerers, inventors in India”. T-Works India's largest prototyping centre for electronics, electromechanical and mechanical start-ups. In order to create an ecosystem of product development and manufacturing in electronics, electromechanical and mechanical domains, the ITE&C Department of Telangana State proposes to set up a world class prototyping facility, along with an incubation centre and a skill development centre. This facility is called T-Works.

Objectives

1. Facilitate entrepreneurs to design, develop, and test innovative hardware products in the areas of electronics, mechanical, mechatronics through active collaboration with industry, academia, investors, experts, and other stakeholders.
2. Facilitate hardware startups to scale through active collaboration with manufacturing services.
3. Facilitate talent development and up-skilling to produce talented workforce for hardware startups and manufacturing industry.

In addition to developing new infrastructure, T-Works will foster an ecosystem for hardware products by leveraging the existing manufacturing and prototyping infrastructure available across the region. This includes creating a dense and networked ecosystem of manufacturing service providers. T-Works is a 50,000 sq. ft. dedicated incubation facility for hardware makers and entrepreneurs located in Hyderabad.

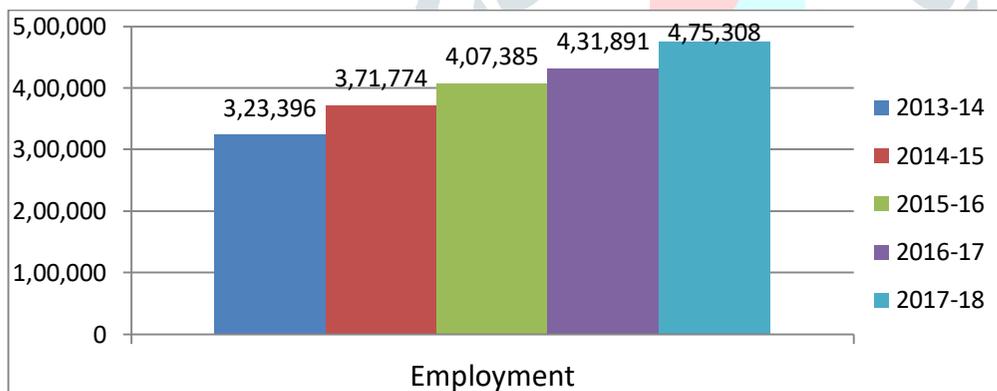
E) WOMEN ENTREPRENEURS HUB (WE- HUB):

WE Hub is a start-up incubator exclusively for women entrepreneurs. WE Hub aims to support women entrepreneurs with innovative ideas, solutions and entities focusing on emerging areas in technology. WE Hub will also support under-explored / unexplored sectors along with the Service sector. The mandate and goal of WE Hub is to eliminate financial, societal and support barriers for women and help them succeed in their enterprises. WE Hub is envisioned to create a supportive community for aspiring women entrepreneurs where they can interact with VCs for funding, connect with corporates for scaling up their business, get advice from mentors to fine tune ideas, avoid costly mistakes, and march forward on the path to success with renewed confidence.

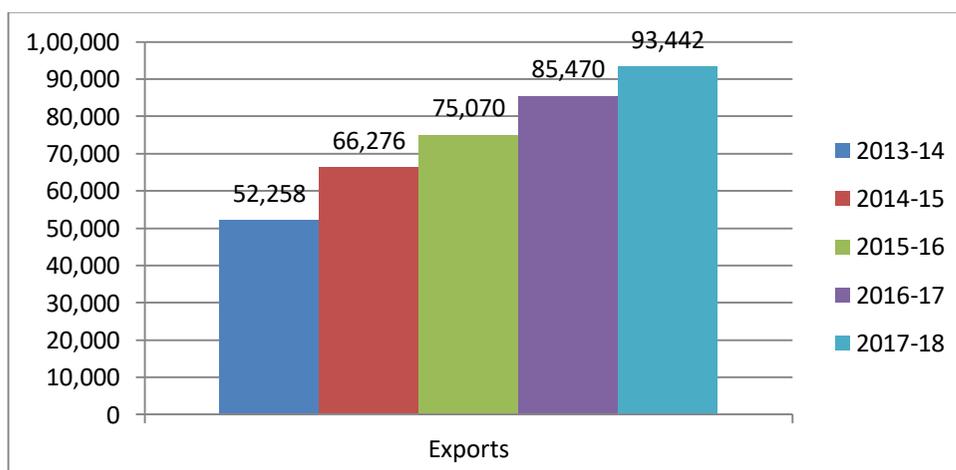
WE HUB Offerings:

- Access to capital,
- Access to Mentors,
- Access to Infrastructure,
- Access to Support services,
- Access to Venture Capital pitch events,
- Guidance on Business Branding, Partnerships, and Marketing,
- Legal and auxiliary services support,
- Peer-peer/Founder's connections,
- Pre-accelerator programs and Strategic consulting

WE Hub is also going to focus heavily on virtual mentoring so women anywhere in India and across the world can be a part of the eco system. WE HUB is looking forward to and is already in touch with 135 incubators which would build a pool of incubators. WE Hub aims to attract not only Indian, but also international women owned businesses to Hyderabad. Tech start-ups would go through a typical incubation program and would be provided connects with mentors, prospective clients, and investors. For entrepreneurs planning to set up a small business, focus would be more on helping them incorporate the firm, teaching business basics, and getting the operations off ground. Apart from all the regular advantages of going through an incubation program, Government will give first preference to startups in WE HUB during a preferential procurement process and Networking with like-minded focused women entrepreneurs and mentors who have travelled through the same journey.

PERFORMANCE ANALYSIS IN GROWTH OF EMPLOYMENT GENERATION, EXPORTS AND NUMBER OF IT & ITES UNITS AFTER FORMATION OF TELANGANA,**Growth of Employment generation in IT and ITeS:**

There is a significant increase in overall growth of employment generation approximately 47% from the year 2013-14 to 2017-18. Year-wise growth of employment generation is 14.96% in 2014-15, 11.01% in 2015-16, 7.59% in 2016-17 and 13.43% in 2017-18.

Growth of Exports in IT and ITeS:

There is robust increase in overall exports approximately 79% from 2013-14 to 2017-18. Year wise growth in exports is 26.82% in 2014-15, 16.87% in 2015-16, 19.94% in 2016-17 and 15.29% in the year 2017-18.

Number of IT &ITeS units:



There has been sharp increase in the number of IT/ITeS units in the state from 1200 in the financial year 2014-15 to 1500 in 2016-17, thus registering a growth of 25 per cent over a period of two years.

FINDINGS:

- **ESDM** conducts various programs like One Year PG Diploma, 6 months certificate course, Faculty updation program, Research, Short Term Program and Skill Development Program. 3762 persons benefitted with ESDM courses and skill development program in Telangana out of 6636 persons throughout India.
- **WE HUB:** Organized an interactive session for young women entrepreneurs in partnership with MEA (Ministry of External Affairs) & IACC (Indo American Chamber of Commerce) and Supported the Walmart India's Women Entrepreneurship Development Program (WEDP) 2.0 Graduation course first batch of the Incubators finalized and classes commenced from June 2018. We HUB On September 14, 2018 has awarded loan sanction letters for 16 Women entrepreneurs for amounts ranging from Rs. 3 lakhs to 2 crores in the presence of Minister Mr. K T Rama Rao at PragathiBhavan
- **T-Hub:** India's largest technology incubator located in Hyderabad, T-Hub is the fastest-growing startup engine catalyzing Innovation

Events: IT-Hub and HSBC's Accelerator 2030:

Focusing on creating commercialisation opportunities for one of the world's largest banking operations function

Facebook and T-Hub's India Innovation

Hub Accelerator Program Uncovering amazing startups working in the area of AR/VR tech to bring cutting-edge technologies to scale

Boeing HorizonX India Innovation Challenge 1.0

Leveraging the Indian innovation ecosystem to get access to the innovative products and services developed by Indian startups in specific capability areas

T-Hub's Hack2Innovate - Multi-City Hackathon :

A national hackathon that occurs over 24 hours in each of the 7 selected cities around the country

Smart City/Smart Building NanoAccelerator with UTC:

Enabling the Climate Controls and Security and Otis divisions of UTC to work closely with the shortlisted startups

T-Hub and Intel's Innovate for Digital India (IFDI) Challenge 2.0:

Identifying and nurturing ideas that solved complex issues at the country's grassroots level through technology, accelerating the transition to a digital India

Awards, Recognitions and MoUs

- T-Hub signed a Statement of Cooperation with University of British Columbia to establish a market access bridge for growth-stage startups
- DIPP (Department of Industrial Policy and Promotion) selected T-Hub as one of the top 3 incubators in India
- T-Hub partnered with Communitech to promote open innovation
- T-Hub's incubated startup - Hug Innovations was recognized as one of the top 20 emerging Indian companies by Mayor of London.
- Four Hyderabad entrepreneurs from three T-Hub startups made it to the Forbes 30 Under 30 Asia 2018 list

- **TASK:** A unique skill development initiative from IT, E&C Department aimed at improving the quality of graduates coming out of colleges by imparting industry-grade skill sets. **Over 2 lakh youth** from across Telangana have been skilled since the inception of TASK.

Initiatives of TASK:

- Launch of TASK Regional Centers at Warangal and Khammam
- Technical Writing Course for Aeronautical Engineering Students piloted in collaboration with Embry Riddle Aeronautical University
- Enabled re-skilling of Government Healthcare Employees of TVVP in collaboration with Apollo Medi Skills
- Career Development sessions launched at districts
- A&R MOOCS launched for students
- Tinkering Lab Pilot in collaboration with Intel launched in rural schools of Medchal and Siricilla rural schools

CATEGORY	2017-18
TASK registered colleges	588
TASK registered students	53,279
Students skilled through TASK Initiatives	60,153
Faculty skilled through TASK Initiatives	1,226

Awards received by TASK:

- Excellence in Youth Transformation Award conferred by Asia Inc 500
 - ELETS Excellence Award for exemplary work in the field of Higher Education
 - CISCO Net Academy Champion Award for the second consecutive year
 - First Prize in Corporate Website category conferred by Public Relations Society of India
- **T-Works:** It will be one of the World's largest hardware prototyping facilities with 2,50,000 Sq.Ft. Area. Phase-I consists of 70,000 Sq.Ft. area and equipment worth Rs. 10 Crore. GE Appliances signs MoU agreement with Telangana Govt to set up FirstBuild India (1B India) at T-Works. Following are the prototyping sections:
 - Electronics
 - 3D Printing
 - Metal and Machine Shop
 - Welding and Cutting Section
 - Finish Shop and Textile

CONCLUSION:

India's youngest state is all set to oust Bengaluru as the Silicon Valley of India. IT/ ITeS exports of the youngest Indian state registered an impressive growth rate (YoY) of 9.32% during 2017-18 which is higher than the national average (7-9 %). Exports reached a record Rs. 94,322 crore for the year, while over 43,000 jobs were added directly by IT firms at a time when pink slips have been the industry norm. Direct employment generated by Telangana IT sector reached 4,75,308 with 43,417 new professionals in the last year added to the list. It also provides indirect employment to about 7.5 lakh people. Telangana's government has set itself a target of crossing Rs. 1,20,000 crore in IT exports by 2020, and also ensuring direct employment opportunities for at least four hundred thousand people within the same time frame. Telangana's IT exports have been growing at a Cumulative Annual Growth Rate (CAGR) of 15.6% since its formation. This is roughly 150% of the national average during the same period, with India growing at an annual rate of 10.3%. This unprecedented growth has resulted in the creation of over 1.5 lakh new IT jobs since 2014. In a massive boost to the city's IT/ITeS sector, over a dozen major companies from across the globe are now making their way into Hyderabad's upscale western corridor. While some of them are setting up their first India office here, a few others are expanding their India footprint with a presence in the IT city. On this list are US-based firms such as Shure, Micron Technology, F5 Networks, MathWorks, Clean Harbors, Conduent, among others. There's also Legato Health Technologies, Thryve Digital, Bombardier and China-based Thunder Software Tech have made Hyderabad as their new destination.

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