



Software Technology Parks of India

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Newsletter

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Industry Consultation on
National Data Centre &
Cloud Policy

CHUNAUTI 3.0
To Deepen Digital Inclusion through
Digital Accessibility Solutions

STPINEXT Signing MoUs
with HDFC Bank & Excelpoint
Systems India



Ministry of Electronics and Information Technology

Industry Consultation on National Data Centre & Cloud Policy with

Dr. Rajeev Prasekhar, Minister of State (IT)



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Message from

Arvind Kumar | Director General, STPI

“

The Indian IT Industry
that has taken the world by surprise through
its leadership in IT/ITES exports is poised to
infuse massive shift in the business models and
technology offerings. ”

Hon'ble Prime Minister Shri Narendra Modi declares January 16 as National Startup Day while interacting virtually with 150 entrepreneurs and christens startups as the backbone of New India and the engine to power nation's economic growth in the run up to the 100th year of Independence. He accentuates the vision for Aatmanirbhar Bharat to liberate entrepreneurship & innovation from the cobweb of government processes & bureaucratic silos, create institutional mechanism to promote innovation, and nurture young innovators & budding entrepreneurs to transform India into a global startup hub. Hon'ble PM further underscores the current decade as the “techade” of India and how the government is poised to bring tectonic shift in strengthening innovation, entrepreneurship, and the startup ecosystem. In interaction with startups, Hon'ble PM describes the massive transformation India has undergone during the last seven years and enumerates how India has been granted over 30 thousand patents in 2021-22 from 5 thousand patents in 2014-15 and the Global Innovation Index rising from 81st to 46th during this period. Undoubtedly, India has embarked on a complete transformational journey by focusing on innovation & entrepreneurship.

The vision of Hon'ble PM on Startup India is getting realized and today the country has over 67,000 DPIIT-registered startups and around 50% of them are from Tier 2/3 cities. While the recognised startups are distributed across 56 diversified sectors, over 26% are in sectors such as IT services, fintech, technology hardware, enterprise software, AI, computer vision, and nanotechnology. These startups have created around 7.07 lakh jobs of which IT-focused startups score the top job creator rank with 98,207 jobs, following by healthcare & lifesciences with 66,086 and education with 46,263. According to a report, 12,756 startups have been onboarded on GeM, with 1,19,407 orders from public entities, totalling over Rs. 6,128 crore

as of 2nd March, 2022. The Union Budget 2022 promotes technology-led digital inclusion in society and empowers the tech startups to develop innovative solutions to address the societal & global challenges.

Aligned with the vision of Hon'ble PM, STPI has embarked on strengthening the tech startup ecosystem of India by spearheading flagship initiatives such as Centres of Entrepreneurship (CoEs) and Next Generation Incubation Scheme (NGIS) to facilitate a robust collaborative ecosystem to startups, innovators & young innovators for building path-breaking products in emerging technology domains. Of 25+ planned CoEs, STPI has already launched 20 CoEs. Till date, STPI has been successfully nurturing 203 startups those have filed 153 IPRs and launched 264 technology products & services. These figures underline how STPI has been relentlessly promoting the culture of innovation & entrepreneurship.

On a macro scale, Indian IT Industry has crossed the \$200 billion revenue mark and reaching \$227 billion revenue in FY2022. FY2022 is a historic year for the Indian IT Industry in a sense that the Industry took almost 30 years to reach \$100 billion and during last 10 years it doubled the revenue. Similarly, STPI-registered units have displayed an excellent performance by crossing Rs. 5 lakh crore IT/ITES exports during FY2022. The Indian IT Industry that has taken the world by surprise through its leadership in IT/ITES exports is poised to infuse massive shift in the business models and technology offerings. Despite its miniscule contribution to global software products, India is changing the norm. Flagship policies for startups & IT industry formulated by the government, entrepreneurial spirit of youth, innovation potential of technology talent pool, and above all STPI's new initiatives can play a catalytic role in making India a software product leader while realising the vision of the government in attaining \$1 trillion digital economy.

Success Story

RuralShores Business

Creating Job Prospects in Tier-2/3 Cities

The India BPO Promotion Scheme (IBPS) of the Government of India has been instrumental in setting up BPO/ITES operations in several small cities across the country and creating employment opportunities for local youth. Under the aegis of IBPS, RuralShores Business Pvt. Ltd. has set up operations at Baitalpur, Deoria District in Uttar Pradesh and has employed the locals in their hometown. The company has employed good number of local youth in which one-third employees are women.

RuralShores offers BPO IT services in telecom and e-commerce domain. The company employs a robust business model with an emphasis on sustainability, scalability and security. Ever since its inception they had been allocated 200 seats under IBPS, and their Baitalpur centre commenced operations in 2018. The IBPS scheme was notified by the Ministry of Electronics & Information Technology (MeitY) under the Digital India Programme.



Software Technology Parks of India (STPI) is the executing agency of the IBPS scheme. The objective of the IBPS scheme is to foster an IT ecosystem in tier 2 and 3 cities through the establishment of 44,192 seats with respect to BPO/ITes operations across the country. Ever since its inception in 2016, IBPS has been creating tremendous job opportunities in tier 2/3 cities wherein the scheme is successful in generating more than 50,000 jobs so far. The scheme provides financial assistance of upto 50% of the total admissible expenditure (Capital/Operational), with an upper ceiling of Rs. 1 lakh per BPO/ITES seat. There are certain special incentives in the scheme to promote employment to women and specially-abled people, the participation of local entrepreneurs, setting up operations in non-capital cities, etc.



Col. Ravi Bhushan Gupta

CEO, RuralShores Business Pvt. Ltd.

"There has been a great push in establishing the IT centre in Tier 2/3 cities, which is why we decided to set up our centre in Baitalpur, Deoria. Robust infrastructure, sound education and healthcare facilities also motivated us to choose Uttar Pradesh for opening our center. We thank STPI for providing us with end-to-end support and guidance. Schemes such as IBPS will go a long way in boosting the IT ecosystem in tier 2 and 3 cities, thereby spurring economic growth."





Industry Consultation on National Data Centre & Cloud Policy

The consultative meeting with industry on Draft National Data Centre & Cloud Policy with Shri Rajeev Chandrasekhar, Hon'ble Minister of State, Ministry of Electronics & Information Technology, Govt of India was held on 25th February 2022 in Chennai.

India has become a preeminent nation in using technology for governance and development, Shri Rajeev Chandrasekhar, Union Minister of State, Ministry of Electronics and Information Technology (MeitY), said during the Industry Consultation on Draft National Data Centre & Cloud Policy.

The objective of the policy is to encourage the usage of indigenous platforms/solutions in the Data Centre and Cloud operations, said the Minister. He said the policy intends to facilitate setting up of energy efficient, sustainable and green data centres.

He said apart from the need of the National Data Centre, we need India centric cloud space. He said the Government under the leadership of Prime Minister Shri Narendra Modi is open for the ideas from the industries and ready to make changes for the development of the nation.

Draft policy on National Data Centre intends to accelerate the growth in the projected Data Centre capacity in the country with a capacity addition of 2000 MW by 2027, said Shri Amitesh Kumar Sinha, Joint Secretary, MeitY.

"Data centres will play a pivotal role in having a tech-enabled society. There is a lot of demand for data centres in the country and government is also very keen to ensure sufficient supply, which is evident from the budget announcement," cited Shri Arvind Kumar, DG, STPI.

Presently, India has around 499 MW installed power capacity for Data Centres and is projected to grow to 1007 MW by 2023 he added.

Component wise cost breakup for setting up of 5 MW Data Centre (IT & Non-IT), and the list of common approvals along with the project phases required for setting up of Data Centres during pre-construction, construction and post construction phases were discussed.

Various suggestions including providing incentive for Local Value Addition were discussed. Around 300 industry representatives participated in this discussion in physical and virtual modes.

ACTIVITIES & EVENTS



STPI Participated in 29th Convergence India & 7th Smart Cities India 2022 Expo

STPI participated in the India's largest technology and infrastructure expo – 29th Convergence India & 7th Smart Cities India 2022 Expo organized by India Trade Promotion Organization & Exhibitions India Group held at Pragati Maidan, New Delhi from 23rd to 25th March 2022. The event attracted a wide range of visitors & delegates from government departments and private organizations. STPI showcased its facilities/services and disseminated information to visitors on the various initiatives like setting up of domain-specific Centres of Entrepreneurs (CoEs), Next Generation Incubation Scheme, SMART LAB, and FABLAB.

Shri Arvind Kumar, Director General, STPI participated as a panelist on 24th March 2022 in a discussing on “6 Year of Digital India: How Successful are We in Transforming India into a Digital Empowered Economy.” He was also an esteemed guest at the Startup Innovation Awards ceremony on 25th March 2022 where he distributed awards to startups supported by STPI for their innovation excellence in various domains. He visited STPI pavilion and interacted with the various startups showcasing their products and services at the expo and conferred awards on the following startups:

Best Blockchain Startup in Fintech Award: Snapper Future Tech & Jal Jaivik Bazaar from Apiary

Best AI Startup in FinTech Award: Fin Lit Project Services Pvt. Ltd. from FinBlue

Best Startup Award: SPK-MAK Technologies Pvt. Ltd. from EP-Bhubaneswar

Best Women Startup Award: Earthzy Technology Solutions Pvt. Ltd. from EP-Bhubaneswar

Shri Arvind Kumar, DG, STPI during panel discussion highlighted, “6-year journey of Digital India accents the story of transforming digital divide into digital inclusion. Today, we have 1.2 billion mobile connections, 1.3 billion AADHAAR enrollments & 74 billion UPI transactions in FY2021-22. Now, the government is more focused on development of software products in this country. Today, the total revenue of IT industry is \$227 billion of which we have only \$13 billion revenue from software products. STPI has created 20 domain-specific CoEs across the country. Our objective is to make India a leader in software products, as we have already been a leader in IT services. We would lead the world from the front in technology.”



MoU Signed between STPI & NALCO and MoA Signed between STPI & Dept. of Science & Technology, Govt. of Odisha

An MoU was signed between STPI & NALCO for upcoming Centre of Entrepreneurship on Industry 4.0 (EmTeK CoE) and an MoA was signed between STPI & Science & Technology Department, Government of Odisha for Bio-Innovation Grant (BInG) Partner on 23rd March 2022.

Shri Manas Panda, Director, STPI-Bhubaneswar & Shri Subrat Kar, GGM (R&D), NALCO signed MoU for CoE on Industry 4.0 (EmTeK CoE) in the gracious presence of Shri Arvind Kumar, Director General, STPI; Shri Manoj Kumar Mishra, Secretary, E&IT Dept. & Science & Tech Dept., Govt. of Odisha & Shri Manasa Prasad Mishra, Director (Projects & Technology), NALCO. The startups working in ESDM & Industry 4.0 will leverage the benefits of mentoring by industry professionals of NALCO, paid PoC, pilot testing & market connect for their products & services.



Shri Manas Panda, Director, STPI Bhubaneswar & Smt. Puspasree Puan, Dy. Director, Science & Tech Dept., Govt. of Odisha signed the MoA for Bio-Innovation Grant (BInG) Partner. The startups selected under this scheme will be extended mentoring, IP support, networking, training, regulatory advice, investor access, and market connect.

“STPI is aspiring to become the largest technology startup ecosystem in the country and has been endeavouring to transform the country into a software product nation as envisaged in NPSP 2019. The collaboration will accelerate innovation while enabling industry-oriented research, promoting data driven decision making by enterprise, enabling appropriate skills and talent development in specific domain. The collaboration between STPI and Sc. & Tech. Department, Govt. of Odisha as a partner of Bio-Innovation Grant will support innovative ideas of Bio-Tech & Bio Informatics Startups from ideation to proof-of-concept,” emphasized Shri Arvind Kumar, Director General, STPI during MoU signing.

Shri Manas Panda, Director, STPI-Bhubaneswar during his address in MoU & MoA signing stated that STPI has evolved a collaborative model wherein government, industry, academia & other stakeholders are playing a vital role for providing end-to-end support to startups.

STPI Incubation Center at Andhra University, Visakhapatnam

Shri CVD Ramprasad, Director, STPI-Hyderabad met Shri PVGD Prasada Reddy, Vice Chancellor, Andhra University on 28th January 2022 at Visakhapatnam to discuss on the allotment of land to STPI for setting up state-of-the-art incubation facility in the campus of Andhra University, Visakhapatnam. Shri PVGD Prasada Reddy agreed to the proposal of facilitating the land to STPI for setting up the incubation centre at the University premises.



CHUNAUTI 3.0 To Deepen Digital Inclusion through Digital Accessibility Solutions

STPI under MeitY has launched Next Generation Incubation Scheme (NGIS) "CHUNAUTI 3.0 – Advancing Digital Applications with Special Focus on Accessibility" on 10th February 2022. CHUNAUTI 3.0 is focused on identifying and supporting promising startups working towards digital transformation & accessible products/solutions enabling equitable & inclusive growth. The last date for applying was set for 10th March 2022.

"CHUNAUTI 3.0 can bring a paradigm shift in democratizing the usage of digital applications across the user segments by empowering promising tech startups in Tier-II cities to develop path-breaking assistive technologies for various domains by focusing on usability, accessibility, and inclusion," underlined Shri Arvind Kumar, DG, STPI on the launch of CHUNAUTI 3.0.

"The overall responses through CHUNAUTI 1.0 & 2.0 have been overwhelming & the startups selected through these challenge programs are embarked on building innovative technology products. We are expecting massive response for CHUNAUTI 3.0 from startups for inclusive product development in the country," cited Shri Subodh Sachan, Director-HQ, STPI.

NGIS is a joint initiative by MeitY and STPI to build a world-class incubation ecosystem for identifying and nurturing startups working towards path-breaking software products for addressing the futuristic problems in business & society, and transforming them to become tomorrow's unicorns. Along with MeitY, STPI, MSH, STPINEXT, a vast spectrum of industry, academia, investment and funding agencies have joined hands to support the innovative product-focused startups comprehensively.

NGIS is focused on 12 tier-II locations in the country including Agartala, Bhillai, Bhopal, Bhubaneswar, Dehradun, Guwahati, Jaipur, Lucknow, Prayagraj, Mohali, Patna and Vijayawada. It aims to support 300 start-ups/entrepreneurs/SMEs in the field of IT/ITeS/ESDM for 3 years. 171 startups have been selected through CHUNAUTI 1.0 and CHUNAUTI 2.0. Startups pan-India can apply and become NGIS beneficiary. Each startup under this scheme becomes eligible for financial incentives including monthly stipend & get upto Rs. 25 lakh as seed investment along with world-class mentoring, networking & market connect. Each NGIS location has a dedicated chief mentor along with a 'mentor pool' and knowledge partners. CHUNAUTI 3.0 attracted an overwhelming participation of startups. Total 206 completed applications have been received and screening & evaluation process is underway.

Outreach Program of CHUNAUTI 3.0

NGIS Centers across 12 locations pan-India organized multiple outreach sessions for CHUNAUTI 3.0 during 15th February 2022 to 18th March 2022. CHUNAUTI 3.0 was based on the theme - Advancing Digital Applications with Special Focus on Accessibility. These outreach sessions include panel discussions & participation from industry, academia, startups, etc. around the theme along with benefits & program outlines of CHUNAUTI 3.0. In 20+ outreach events, an overwhelming 2400+ participants from industry, academia, startups etc. participated in the program.



AICTE Chairman Visited STPI-Mohali

Prof. Anil D. Sahasrabudhe, Chairman, All India Council for Technical Education (AICTE) visited STPI-Mohali on 7th February 2022. OIC Mohali briefed him about STPI services, data center, NEURON CoE & support to startups & IT industry. AICTE & STPI agreed to explore opportunities in extensive collaborations for the growth of startups and industry in the region.



STPINEXT Signing MoUs with HDFC Bank & Excelpoint Systems India

AIC STPINEXT Initiatives (STPINEXT), a special purpose vehicle of Software Technology Parks of India (STPI), an organisation under the Ministry of Electronics and Information Technology (MeitY) has signed two memorandums of understanding (MoUs), one with HDFC Bank, a well-known Indian bank and another with Excelpoint Systems India, a niche technology player for fostering entrepreneurship and nurturing tech startups in the country on 4th January 2022. These partners would play critical role in supporting and handholding the startups in the growth journey through technical guidance & assistance, mentoring, pitching to investors, funding support, and market connect & access etc.

To build leadership and create next wave of budding entrepreneurs in the emerging sectors of technology like Internet of Things (IoT), Blockchain, FinTech, Artificial Intelligence (AI), Augmented & Virtual Reality (AR/VR), ESDM, Data Science & Analytics, Medical Electronics & Healthcare, Gaming & Animation, Machine Learning, Cyber Security etc., STPI has announced setting up of 25-plus Centres of Entrepreneurship (CoEs) in specific domains spread across India.

Speaking on the occasion Shri Arvind Kumar, DG, STPI highlighted, “STPI continuously is looking to strengthen the technology startup ecosystem and signing of MoUs today is a step forward. Today, India is a hot bed for innovation, and tech startups are in the centre stage to leapfrog this technology revolution. Technology will continue to play a dominant role in coming decade and government through its various initiatives working towards making India the largest startup ecosystem of the world.”

Shri Akhilesh Roy, Branch Banking Head – North & National Head – Sales Excellence & Transformation, HDFC Bank said, “Software exports from India today stand at \$142 billion. STPI is doing an excellent job in boosting IT/ITeS exports from the country. There are 83 unicorns in the country today, of which 42 added in 2021 alone. STPI is one of the prominent institutes supporting the startup ecosystem. We are extremely committed to the growth of startup ecosystem. This MoU is a small step towards supporting the startup ecosystem through STPI & STPINEXT.”

Shri Stanley Chan, Senior Vice President Operations, Excelpoint Systems (Pte) Ltd, accentuated, “Startup is the future of technology. Excelpoint Systems is planning to expand its support for the startup ecosystem. For last 25 years, we are helping startups to bring their products to market. 20 CoEs launched by STPI is a commendable milestone. The signing of MoU is a step towards continuing our efforts to strengthen the startup ecosystem in India.”

“STPI is working towards building a robust startup ecosystem. Till today, we have launched 20 CoEs in various emerging technologies across India. Electropreneur Park-Delhi has supported 51 startups in ESDM domain and created 33 IPs. The success of our startups is pivoted on our collaborative model,” cited Shri Subodh Sachan, Director, STPI & MD & CEO, STPINEXT.



Joint Secretary, MeitY Interacted with Selected Startups of OctaNE

Shri Bhuvnesh Kumar, Joint Secretary, Ministry of Electronics & Information Technology, Govt. of India had an interaction with the selected startups under OctaNE& NGIS along with Shri Shibendu Debbarma, Additional Director, STPI Guwahati. He also visited upcoming OctaNE CoE at STPI-Agartala centres at Lichubagan & Indranagar centre and reviewed the physical progress of infrastructure work.

Bhoomi Poojan of Additional Incubation Facility at STPI-Pune



Shri Arvind Kumar, Director General, STPI performed the Bhoomi Poojan on 3rd March 2022 at STPI-Pune for the commencement of construction work of an additional incubation facility. This incubation centre will have state-of-the-art facility along with Network Operations Center (NOC) to promote micro, small and medium enterprises. The ready-to-use incubation facility will fulfil the need of MSMEs & entrepreneurs across the Maharashtra region. The upcoming building will have approximately 42000 sq. ft. built-up area with ground/stilt + 4 floors.



DG, STPI Visited MOTION Facility

Shri Arvind Kumar, Director General, STPI visited MOTION CoE on 3rd March 2022 and interacted with startups & entrepreneurs working in the facility. Dr. Sanjay Kumar Gupta, Director, STPI-Pune apprised him about the CoE related activities and initiatives pertaining to startups. Shri Kumar had a walkthrough of EV Lab, AV Lab, Connected & Shared Mobility Lab housed in MOTION facility. He also had a detailed interaction with the onboarded startups during which startups explained their idea/concept/ prototypes with demo of their proposed product.



STPI Participated in INDIASOFT 2022

STPI participated in INDIASOFT 2022 held from 23rd to 25th March 2022. 13 selected STPI-registered units got space to exhibit their products and services in the event. The event provided excellent opportunity for STPI-registered units to interact with potential buyers from across the globe.



ICSI HR Conclave

STPI in association with The Institute of Company Secretaries of India (ICSI) organized the HR Conclave on 26th March 2022 at Dr. MCR HRD Campus, Jubilee Hills, Hyderabad. The theme of the conclave was "Rebooting your Organisation to Survive the Age of Disruption with Governance Professionals" and it focused on Compliance Management, Awareness on Corporate Expectations, and Challenges & Opportunities faced by HR Professionals. Shri CVD Ramprasad, Director, STPI-Hyderabad shared his views on better HR practices in the conclave.

STPI Celebrated International Women's Day



STPI celebrated International Women's Day (IWD) across directorates and centres on 8th March 2022. Shri Arvind Kumar, DG, STPI had an engaging interaction with the women employees at the headquarters on this occasion and shared his thoughts on gender equality and its importance in today's society. STPI jurisdictional directorates and centres also had meaningful interactions with the women employees and they discussed about various contemporary issues in women empowerment and work-life balance. In a first, STPI-Chennai awarded Madhumitha Gomathinayagam, India's first transgender HR Professional, Social activist for her achievement in LGBT Community in line with the theme - "Gender Equality for Sustainable Growth".

Session on “Arrow HKG Open Lab”



STPI IoT OpenLab conducts regular interactive sessions with its partners. Recently, STPI IoT OpenLab organized a briefing session of “Arrow HKG Open Lab” with their Hong Kong team on 9th March 2022 on virtual mode.

Teams of STPI IoT OpenLab & Arrow Electronics India participated in the session. Smt. Kavitha C, Scientist-F, STPI Bengaluru briefed the members about the services offered by STPI like STP scheme & CoEs and talked about the current status of STPI IoT OpenLab.

Mr. Y.S. Chan, Director, Arrow OpenLab presented on the Arrow OpenLab at Hong Kong Science Park covering their current status, their partners, events and training sessions conducted, support extended to the startups, and few success stories of their startups.

CII Mysuru Annual IT / ITES Conference 2022: Accelerated Digital Transformation

STPI participated in CII Mysuru Annual IT / ITES Conference 2022, which was held on 19th January 2022. This virtual event was organised by CII, Karnataka. The theme of the event was “Accelerated Digital Transformation”.

The objective of the conference was to help companies understand the impact of the accelerated digital transformation and how the government and industry are playing their roles to use the digital transformation in the post pandemic new normal.

Delivering the keynote address, Shri Kris Gopalakrishnan, Former President, CII & Chairman, Axilor Ventures & Co-Founder, Infosys Ltd. spoke about branding Mysuru as the ideal location for a cyber security centre of excellence. He emphasized on the change that older companies should look into digital transformation.

The conference also focused on the importance of positioning Mysuru in the global IT field. Mysuru is now poised to become a global centre for cyber security as well as hardware manufacturing.



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