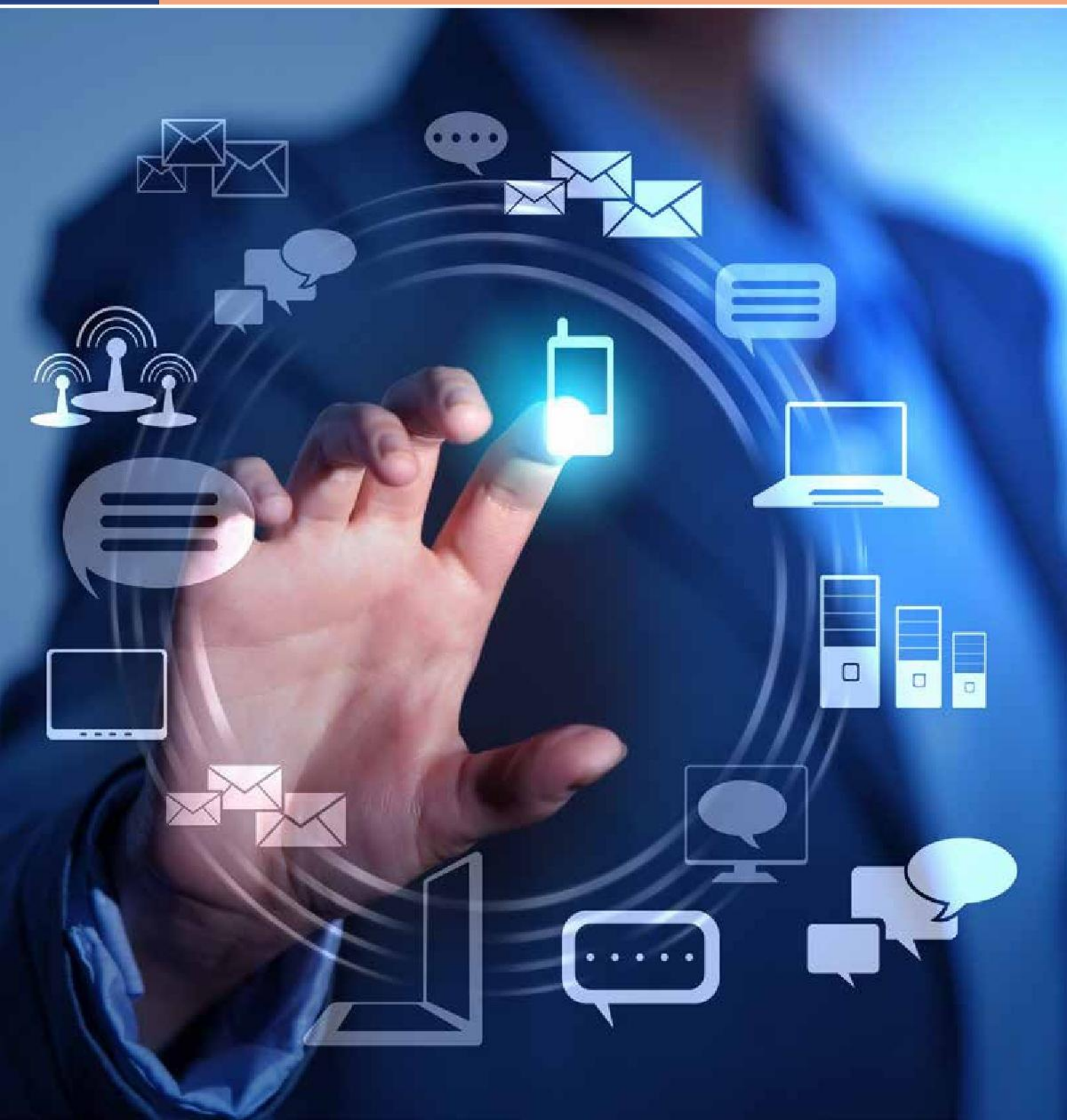


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Software Technology Parks of India



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STPI has been on the forefront to provide all sorts of assistance to the entrepreneurs in the field of IT/Electronic sector. STPI is the institution which caters the infrastructure requirements of the IT startups. Incubation centres, set up by STPI in different parts of the country competed with their global counterparts.

Indian IT Industry at Full Throttle

Indian IT industry today has carved out a niche in global technology space. There are several factors that contribute to the incredible journey that Indian IT industry travelled through these years. One of these factors is the seminal role played by STPI as the single window solution provider for the software exporters of this country. STPI has been on the forefront to provide all sorts of assistance to the entrepreneurs in the field of IT/Electronic sector. STPI is the institution which caters the infrastructure requirements of the IT startups. Incubation centres, set up by STPI in different parts of the country competed with their global counterparts.

Given the focus of current government to extend the success story of Indian IT industry, STPI is emphasizing on the tier II and tier III cities to join the success of mainstream. STPI is eager to make this happen by opening more and more incubation centres in such cities. Recently, STPI has setup an incubation facility at STPI Surat to promote the entrepreneurship and to cater the needs of IT Industry from south Gujarat region. The new facility is now operational and would help to create direct and indirect employment opportunities for the IT educated youth of this region.

STPI has been very prompt in recognizing the needs of the industry and is acting accordingly. The latest example is Electropreneur Park. This Electropreneur Park is the first of its kind incubation centre in India under the PPP model for Electronic Systems Design & Manufacturing (ESDM) sector. The Electropreneur Park project is funded by the Ministry of Electronics & IT, Government of India. The Electropreneur Park will develop, promote, recruit, incubate, mentor, and create breakthrough innovations in the ESDM sector. At this moment, it is very opportune to also mention the ecosystem created by STPI along with University of Delhi and India Electronics and Semiconductor Association (IESA) is proving to be successful business development model in India and abroad for startups.

We strongly believe that innovation, hard work, and sincerity of the IT entrepreneurs of the country will continue to generate more and more wealth, provided they get all necessary support. The recent 'Digital India' initiative by Government of India has further fuelled the growth of Indian IT industry. Along with other players, STPI is also working to translate this initiative into reality. We want India to continue to be the most preferred IT destination in the world and transform into a product nation.

Dr. Omkar Rai

The Launch of Electropreneur Park

mentorship by industry veterans and academicians, efficient supply chain and an ecosystem that will bring in a bouquet of shared services and facilities to the incubatees like tax, legal, finance, accounting, patent search, training, interns, business counselling, etc. Beauty of the project is that none of the entrepreneurs associated with the Electropreneur Park will be charged for these facilities.

Electropreneur Park will not limit



Electronic Systems Design & Manufacturing (ESDM) sector is one of the fastest growing sectors of the Indian Economy. In order to support the new entrepreneurs of this industry, STPI has come forward with the concept of Electropreneur Park under PPP model. The park is inaugurated by Shri Ravi Shankar Prasad, Hon'ble Union Minister of Law & Justice and Electronics & Information Technology on August 27, 2016. This Park will work as incubation centre funded by Ministry of Electronics & IT (MeitY), Government of India. The objective of the Electropreneur Park will be to lay a solid foundation for the ESDM sector in the country.

Ministry has set up an Electropreneur Park at University of Delhi to create at least 5 global companies over a period of 5 years. The park will be managed by Software Technology Parks of India (STPI) and implemented by India Electronics and

Semiconductor Association (IESA). The representative body of the industry will infuse the desired industry connect to the incubation centre through mentor pool, market access to incubatees, and access to funding agencies.

The initiative will support 50 startups in ESDM space and aims to create 5 global companies over a period of 5 years. The park will focus on local IP creation and indigenous product development resulting in increased domestic value addition and will witness a unique integration of academia, industry, government, and other incubation supportive elements. The initiative is first of its kind in the Industry and it is likely to set a role model which may go a long way in the annals of incubation centre.

The Electropreneur Park has about 10,000 sq. ft. constructed space with state-of-the-art laboratories as per international standard, ESDM

itself just in providing infrastructure related services, rather it will create access of entrepreneurs to funding agencies facilitating seed funding for the promising ventures and ensuring a smooth transition from an incubatee to a self-sufficient electronics startup.

While inaugurating the Electropreneur Park (EP) on August 27, 2016, Shri Ravi Shankar Prasad, Hon'ble Union Minister of Law & Justice and Electronics & Information Technology emphasized on the thrust being provided by the Government of India to create conducive environment for promoting electronics manufacturing in the country resulting into acceleration of investment in the sector. He said in unequivocal terms that the Park will provide an opportunity for fostering innovation, creation of IPR and development of new electronics products in the ESDM sector of India.

Shri P.P. Chaudhary, Hon'ble MoS for Law & Justice and Electronics & Information Technology, Government of India graced the occasion of inaugural ceremony as Guest of Honour. Hon'ble MoS in his address mentioned that the platforms are being made available for encouraging youth and startups to undertake entrepreneurial risk and initiatives for higher goals.

Prof. Yogesh K Tyagi, Vice Chancellor, University of Delhi, Dr. Ajay Kumar, IAS Additional Secretary, MeitY, Shri Rajiv Bansal, IAS Joint Secretary MeitY, Dr. Omkar Rai, Director General, Software Technology Park of India (STPI) and Shri Ashok Chandak, Former Chairman, IESA & Member PMG of Electropreneur Park were present on the occasion. Apart from representatives of industry associations, members of academia and students also attained the event. The startups under incubation were awarded the admission certificate during the inauguration of the centre.

Electropreneur Park received overwhelming response soon after the inauguration. While this report was being written, total 176 proposals came with request for incubation. Till now seven incubatees have been taken on-board with the Park working on their product ideas. More incubatees are expected to join the park very soon. A brief introduction of the initial batch of incubatees are as follows:

CEANTRA TECHNOLOGY PVT. LTD

Ceantra Technology Pvt. Ltd. established in 2016 is the brain child Mr. Rajeev Tiwari, the director of the company, who has done BTech in ECE

SMARTCARX



from NIT, Jamshedpur. He is having more than 14 years of experience in Electronic Embedded Industry.

Rajeev and his team have developed a product titled a SmartCaRx. This product can perform real-time health monitoring of vehicle and analyses driving behaviour of the driver. Clubbed with a powerful big data analytics engine, this product can generate in-depth insights which can be of great use for car insurance companies, car manufacturers, service centres, car fleet owners and, other B2C stakeholders. SmartCaRx can be easily leveraged to develop into a connected Car Operating System and Online Driver Marketplace.

STARBRU TECHSYSTEMS PVT. LTD.



Starbru tech is co-founded by Mr. Ashutosh Rai. He holds a patent for electronics product, authorized assessor at skill India, and technical speaker of IIT- Indore. Under his leadership, Starbru Techsystems Pvt. Ltd. has recently developed TAWDC- Tactical Android Wireless Data Card (patented) for defence forces.

It is a sub-system for existing military radio sets that enables wireless transferring of encrypted data, i.e., files (word, text etc.), live snapshots, images, and chat seamlessly over the existing secured radio network even while they are moving between locations by using portable devices such as mobile phones or tablets without using any SIM (GSM/CDMA) or internet technology.

The current technology requires a laptop which is bulky and not battery durable. Major problem is that the software uses Window XP which has been phased out. Also, there is wired connection, so the system is non-movable & no live snap or chatting facility is available. Starbru Techsystems offers cost effective

solution with reliability by keeping its prime motto of customer satisfaction through better feedback facility and lateral support.

Starbru Techsystems Pvt. Ltd. is a startup with its head office at Indore (MP) and branch offices at Bhopal, Sagar, and Guwahati. Now the company has also successfully secured place as an incubatee (office & other infrastructure) in the Electropreneur Park.

STEMROBO

Stemrobo is committed towards "Make in India" and "Design in India" mission. Director of the Company Mr. Anurag Gupta is a highly motivated and passionate person. He is supported by an efficient and motivated team of professionals. Thrust area of the company includes hardware kits, software IP, contents, dedicated app for students, and learning management software for online learning. The combination of



all these features makes the Company special and proves its credibility in the market. Stemrobo has a sustainable model which cannot be replicated/ copied by others

Mr. Gupta said in an statement that we feel really great to be a part of Electropreneur Park. It's a great platform to convert our dream into reality. Our mission is to bring innovation culture among students from childhood with the help of STEMROBO methodologies. We believe that EP will play a very important role to fulfill our mission and vision for India.

INTHINKS



InThinks is targeting the next tech revolution in wearable industry and artificial intelligence. They have already achieved revolutionary breakthrough in technology and innovation wherein they are focusing on two high potential markets: -

- New Power source for Wearable Industry (replacing current batteries) through their disruptive technology. It will benefit around 500+ million potential beneficiaries.
- Disruptive innovation in Artificial Intelligence, delivering Smart Personal Assistance (Next-gen Google) in a free ecosystem via smart wearable, mobile, computers, and it will reach 2+ billion users globally.
- Mr. Susant Pattnaik founder member of Intuitive Scientific Research & Evolution Pvt. Ltd. is the 6 times President awardee & NASA awardee for innovation. He explains that when every new startup is just another App or SaaS company, our startup "InThinks" stands hard with a global vision of being a product-based company (Devices & Artificial Intelligence) from India amidst the hard & non-accepting nature of Indian ecosystem for product companies.

FITNANO TECHNOLOGIES PVT LTD

Fitnano Technologies Pvt. Ltd. is prominently working on two products; Kidfit and YoFit. Kidfit is a GPS/GSM/GPRS-enabled smart, safety wearable watch for children.

Parents can see real-time location of children on their smartphones. In case of emergency, children can press SOS button on their watch and sends SOS alarm to parents. Geo fencing, voice messaging, etc. are some other features of this product. YoFit is a health monitoring and tracking device for elderly that sends body temperature, heart rate, and fall detection details to guardians on their smartphones.

Mr. Tarun Shekhar is the founder member of Fitnano Technologies Pvt. Ltd. He is having nearly 9 years of experience in semiconductor industry (product development, sales and marketing) and also worked with companies like ST Microelectronics, Arrow Electronics. "Technology plays an important role in our day-to-day life and it is omnipresent. We are aiming to develop a peaceful, calm and a safer society with the help of technology" Tarun said emphatically.

VADACTRO



Vidarbha Advanced Development and Consumer Technology Research Organization is specialized in research, innovation, engineering & education for Internet of Things enabled consumer technology products like home, automation and smart lighting control systems since 2012. Vadactro is passionately working on developing SL-BUS technology product, based on Marvell's EZ-Connect products. A joint collaboration with the leading Universities (Symbiosis Institute of Design, Pune University & Amravati University) has been very helpful to develop the user-friendly designs & workforce for the future.

Vadactro offers SL-BUS technology H/W module which is small in size and exposes multiple IOs with well-known interfaces (UART, I2C, SSP, ADC, DAC, PWMs, etc.) that works with wide input voltage range (3.3V-36VDC). It can be easily integrated with any product to enable connectivity quickly (time to market). This module is powerful enough to host entire applications along with the connectivity which provides a cost effective and high performance solution.

Smartliving is another product by Vadactro in office and home automation market segment. It is targeted to add smart control to all the electrical and electronics appliances in home and office environment. Smartliving products can upgrade manual wall switches to fully automatic ones which can be controlled from your smartphones or tablets and can also be controlled manually.

The feature to remote control can even be extended over the cloud and which will open doors for IOT. User-friendly smart apps along with smartliving devices can add wow factor and flexibility to the office or home environment. All solutions of the Company are 100 percent retrofit; are compatible with existing electrical wiring and can be installed easily on the standard wall sockets.

LIMBOT TECHNOLOGIES PVT. LTD

Establish in 2015 Limbot Technologies Pvt. Ltd. is developing a smart and affordable bionic prosthetic arm for the people with upper arm amputation. Motivation behind this product was the fact that though there is a huge advancement in technology, people with limb amputations still are left with a very few or sometimes no options. Promoters of the Limbot Technologies thought of doing something regarding this issue and started working towards the solution two years ago. After four stages of prototypes and countless hours of hard work, they got some encouraging outcomes.

Sankhya Technologies: Garage Startup to Market Leaders

Success Story of STPI incubatees

"STPI has been instrumental in the formation of Sankhya back in 1996 and as Sankhya moves to the next phase, we are extremely thankful for the continued support and encouragement from the STPI," Mr. Murali Bulusu, CEO Sankhya Technologies.

Garage startup to India's leading technology company, Sankhya Technologies has thriving transitioned from a very successful services company to a leading technology R&D powerhouse.

SANKHYA™

Since its formation in 1996, Sankhya Technologies has been at the forefront of research and development into the creation of model driven automation platforms that empower design teams to efficiently create the next generation software and hardware systems through agile system development methods. Sankhya continues to work

on next generation design languages and platforms that enable global system level optimization for complex electronic embedded devices, leading to lower cost devices thereby taking the benefits of technology to rural and value conscious urban markets.

Sankhya has received several awards and recognitions including the prestigious Lockheed Martin India Innovation Award in 2008. Sankhya has received 5 US patents on its technologies and has several pending patents.

Back in 1996, Sankhya was the 48th STPI unit in Chennai. In 1998, Sankhya was incorporated as a private limited company and by 2000, launched its research and development centre. In 2003, Sankhya expanded operations to the beautiful city of Visakhapatnam.

Sankhya Varadhi, a middleware solution conforming to CORBA 2.0 standards, was the maiden product launched in 2004. A Varadhi-based

solution was deployed in the 2004 Olympics.

Sankhya is a leader in Synthetic Processor Technology (a 4th generation processor technology). Sankhya Teraptor brings the benefits of multi-dimensional design optimization (QoR) and full life cycle design automation (TTM) to embedded systems developers.

Hamara.in offers smart web presence, secure document sharing and productivity applications over a SaaS platform to hundreds of customers in India.

Sankhya has created new languages, supported in standardization and in the formation of Supercomputing Consortium of India [www.scci.in], a not-for-profit organization focused on advancing wide spread use of large scale computing for the benefit of mankind, using the twin principles of technology collaboration and systems co-creation.

Unikaihatsu Software: Delivering Reliable & High Quality Solutions

Unikaihatsu Software Pvt. Ltd. is an Indian IT company focused on India-Japan IT industry, built on the foundation of Japanese values learnt over two decades. It offers high quality business consulting, system consulting and outsourcing services based on latest technology.

Rated as one of the top 5 Indian companies focused on Japanese market, it has created a niche for work in Japan resulting in year-on-year sales of about 90 percent from Japan. In December 2005, the CEO was introduced in Yomiuri Shinbun's Entrepreneur Edition as one of the 7 entrepreneurs in "The unexplored land" Japan.





The product range and services of the company include, face recognition based security system, green Initiative mass mailing solution for corporate listed companies

in India, e-ExamTOOL: complete online exam management solution, DocuTOOL: document management system, FreightTOOL: complete solution for freight industry, online

e-learning solution for Japanese language and business, smart device based solutions using iOS / Android, Japanese localization / globalization services and language services.

Unikaihatsu Software is built on the foundation of intellectual human capital and customer relationships. It provides global business environment and offers advanced technologies by adopting the required business continuity processes. Understanding of basic customer needs and consistently meeting the expectations by delivering reliable and high quality solutions within the expected time frame is the key to the business success of the Company.

Colorbracket Technologies: Wellness and Health Redefined



The founder of Colorbracket Mr. Debasish Bouri has more than 10 years of experience in IT industry and also has worked with many top tier IT companies. Mr. Debasish said that at ColorBracket, we transform ideas into products and imagination into reality. After years of industry experience in different domains, promoters of the

Colorbracket came under one roof and under one logo. The in-depth knowledge of Android, Java, PHP, HTML5 and JavaScript made the team of ColorBracket fit enough to gain success.

The product range includes online image annotation 'Pixtick' to brain and puzzle game for Android called area capture. Apart from the

product development, Colorbracket is also providing software services to different customers. Recently it has started working on a Health platform called MeMe (www.meme.care). The entire application will run on web, Android phones, and on iPhones simultaneously. It is one of a kind wellness program which will give benefit to a large number of people. This platform will bring all the health related entities like individuals, doctors, pharmacies, diagnostic centers and insurance companies under one roof. MeMe will revolutionize the way we used to look at wellness and health in our everyday life.

Apart from the product development, Colorbracket has also started providing software services to different customers. After the initial phase, now it has decided to grow and started finding developer in a rapid manner.

Colorbracket Technologies is a LLP firm and it has been incubated by STPI since May 2014. "We are grateful to STPI for providing the incubation opportunity under STPI, Durgapur centre. We found tremendous support and help from the officials here, and it was what we needed. It is a wonderful phase for a budding organization like ours," said Mr. Debasish Bouri.

Inauguration of STPI Incubation Facility at Surat



Software Technology Parks of India (STPI) has setup an incubation facility at STPI Surat to promote the entrepreneurship and to cater the needs of IT Industry from south Gujarat region.

The STPI incubation facility at Surat is inaugurated by Shri Ravi Shankar Prasad, Hon'ble Union Minister of Electronics & Information Technology and Law & Justice, Government of India, on 20th August 2016 in the gracious presence of Shri Prabhu Bhai Vasava Hon'ble Member of Parliament, Bardoli, Dr. Omkar Rai,

Director General, STPI, Shri Dhananjay Dwivedi, Secretary, Department of Science & Technology, Government of Gujarat, Shri Devesh Tyagi, Senior Director, STPI and Shri Shailendra Tyagi, Director, STPI-Gandhinagar.

STPI incubation facility at Surat shall act as a resource for IT/ITES units by offering general infrastructural facilities like ready-to-use incubation facility, high speed data communication (HSDC) with uninterrupted data connectivity and other amenities required for export of software services. The new facility

is now operational and would help to create direct and indirect employment opportunities for the IT educated masses of this region.

STPI has also been instrumental in promoting IT exports from Gujarat since inception of STPI-Gandhinagar. Over the years, STPI- Gandhinagar has played a very important role in promotion of the state as a preferred IT destination and acts as single window agency for IT/ITES industry by putting new milestones in IT exports of the state which was recorded at 2223 crores in 2015-16.

STPI Bhubaneswar to assist Directorate of Mines, Odisha Government

STPI-Bhubaneswar was entrusted by Directorate of Mines, Govt. of Odisha to establish a CUG network in Koira Mining Circle, Odisha among six check gates and the Deputy Director of Mines office. The objectives of the project are online verification of e-Pass issued at the source, monitoring and control of the activities at check gates, synchronizing data in live server on real-time basis and providing support around the clock. Once operational, the project will continue for three years under supervision of STPI-Bhubaneswar.



Building Digital State: Fostering the Ecosystem



Connect 2016, the 15th annual edition of CII's flagship event, in collaboration with the Government of Tamil Nadu took place during 27-28 September 2016 at Chennai. In this event, STPI as one of the

stakeholders, helped in bringing together all the technologists, industry leaders, academicians, infrastructure providers and the Government to discuss the direction of Information and Communication Technology (ICT) industry and to position Tamil Nadu as the premium destination for the ICT industry.

This year the theme for Connect was 'Building the Digital State: Fostering the Ecosystem.' The event was broadly classified into three spheres focusing on smart cities, startup ecosystem, Skill India and development of Digital Tamil Nadu. The conference deliberated on various policies and frameworks for making Tamil Nadu as the most favoured IT destination.

Eminent industry and technology leaders and policy makers have shared their opinions and experiences paving the way for continued fruitful collaboration.

Medical Electronics Innovation Summit 2016



The first edition of Medical Electronics Innovation Summit (MEIS) 2016 was held during 22-23 September 2016 at IIT Bombay, Mumbai. The summit was inaugurated by Shri Ravi Shankar Prasad, Hon'ble Minister of Law & Justice and Electronics & Information Technology, Govt. of India.

The event was organized by MeitY

for which Government of Maharashtra was a host state. The Software Technology Parks of India (STPI) was event partner. Under intellectual guidance of MeitY, the summit focused on channelizing excellence towards building indigenous innovations in the health sector, which will be in sync with the 'Make in India' initiative in the field of Medical Electronics.

Inauguration of show catalogue at MEIS India 2016, Mumbai was very successful and encouraging. The presence of Shri P.P. Choudhary, Hon'ble Minister of State for Electronics & IT, Smt. Aruna Sundararajan, Secretary (MeitY), Dr. Omkar Rai, Director General, STPI, and other dignitaries made the event very special.

Review meeting taken by Secretary MeitY in Kerala



Secretary Aruna Sundararajan, Secretary, MeitY chaired a review meeting on September 26, 2016 at CDAC office, Kochi, which was attended by the Directors of STPI, CMET, CDAC, and NIELIT societies present in Kerala. The Secretary advised that the said societies should meet once in every quarter to discuss their activities and explore the possibility of mutual collaboration and the work carried out by the societies should be better publicized for increased awareness of the technologies, solutions, and services offered. The Secretary also reviewed the status of IBPS in the state.

CII 12th India Innovation Summit 2016

The Confederation of Indian Industry (CII) in association with IT & BT, Government of Karnataka, KBITS & STPI, Mysuru organised the 12th India Innovation Summit at Bengaluru on July 2016. STPI had sponsored the event as silver sponsor.

The theme of the event was, "The Spirit of Innovation – Celebrating the Entrepreneur". It reflected the current mood and context of the younger population in the country. Mr. R V Deshpande, Hon'ble Minister for Large and Medium Industries & Infrastructure, Government of Karnataka, inaugurated the two-day flagship event.

The two-day event saw speakers and entrepreneurs from all walks of life and also innovation in sectors like hospitality, digital media, foods & fashion, fintech, open innovation, intrapreneurship, artificial intelligence and healthcare.



STPI Bhubaneswar to build Wi Fi Network in hospital campus



STPI-Bhubaneswar has bagged prestigious PMC work for building and maintenance of wi-fi Campus with fiber backhaul in SCB Medical College and Hospital, the premier and largest medical college in Odisha

under the project of National Health Mission (NHM).

Under this Project, STPI will set up a secured, centrally managed campus wide unified wireless access network based on the latest 802.11n

standard and all the departments and hostels will be connected through OFC backbone and the current telemedicine facility will be extended to their entire constituent department.

OBSERVANCE OF HINDI PAKHWARA-2016



Hindi Workshop
STPI HQ, New Delhi



Hindi Workshop
STPI, Thiruvananthapuram



Hindi Workshop
STPI, Hyderabad

SOFTWARE TECHNOLOGY PARKS OF INDIA

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