



FITT

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“Thinking is the capital, Enterprise is the way, Hard Work is the solution.... ”

- Dr APJ Abdul Kalam

Next generation Startups - Way forward

The start-up ecosystem in the country has never been in better mettle and is expected to only grow even more with the visit of Prime Minister Modi to the Silicon Valley. The very fact that the PM has set aside time to meet the top honchos of the Silicon Valley start-ups shows the importance he attaches to unleashing the creative powers of techno-entrepreneurs in the country.

A country of India's size cannot grow at the pace that is required to pull out the hundreds of millions of people out of poverty unless innovative entrepreneurship is not encouraged. It is not a surprise that strait jacketed bureaucracy, archaic banking systems and the crony capitalistic order would be unable to even imagine what models of business and financing will sprout in the new economy. Policy makers and enforcers have to work hard to catch up with these new paradigms.

Technology has been continuously eroding the power of the intermediaries and creating new models of intermediation. India has seen a lot of activity in this respect perhaps because it is the most common and omnipresent activity in the life of Indians. The likes of Flipkart, Zomato and Ola may have changed the way some people have changed their way of shopping, eating-out or hailing a taxi. Though this in itself though very exciting, masses cannot be lifted out of poverty unless technology powered start-ups create innovative and novel products and services that impact the lives of a large number of population and increase productivity and choices available to them.

We need to see more start-ups redefining agricultural practices, efficient land and water utilisation, clean energy generation, healthcare, accessibility to quality education and gaining the kind of attention and valuations that intermediary start-ups currently enjoy. That would be the defining moment on the path to celebrating the entrepreneurial energy of the country.

- P Somarajan

HITLAB Innovators Summit 2015 highlights health tech innovation in India

HITLAB (Healthcare Innovation Lab, USA) which is one of the leading innovation and teaching lab dedicated to improving the quality and accessibility of healthcare worldwide along with Indian Institute of Technology Delhi organized HITLAB Innovators Summit India 2015 at the Indian Institute of Technology Delhi on 7th August 2015.

Mr Sahil Kapoor, founder of TBIU start-up Novo informatics and presently Manager, HITLAB India and Summit Director, announced the winners of the HITLAB World Cup India. Mr. Kapoor noted, “Finalists in this challenge represent the best in healthcare innovation, offering new approaches that are not only visionary but practical. Our World Cup produced inspiring ideas with real-world applications.”Source: *BioSpectrum*, August 17, 2015, Web source: <http://www.biospectrumindia.com/biospecindia/news/222167/hitlab-innovators-summit-2015-highlights-health-tech-innovation-india/page/2>

Startups Conclave & Release of Coffee Table Book



Dr J Singh, Minister of State (centre right) with Director IITD and other dignitaries at the Book Release - September 9, 2015

Startup to Unicorn - Panel Discussion organized by EDC



Students' interaction with young entrepreneurs on September 15, 2015

A good FITT for startups

IIT-Delhi's Technology Business Incubator offers holistic support to new businesses

The Delhi-National Capital Region is among the top three start-up destinations in the country and it is, therefore, no surprise that the Indian Institute of Technology – Delhi is planning a big expansion of its incubator. Spread over 7,500 sq ft now, the Technology Business Incubator run by the Foundation for Innovation and Technology Transfer (FITT), the industry interface unit of IIT-Delhi, is looking to expand the space by nearly 10 times, says Anil Wali, Managing Director, FITT. Opened in 1999-2000, the incubator can accommodate up to 15 companies at a time and admits three to six start-ups every year. The expanded space will see the incubator take on more start-ups and give a leg up to entrepreneurship in the NCR.....Source: *Business Line* August 10, 2015

TBIU: Support system for your start-up...

The Technology Business Incubation Unit (TBIU) at IIT Delhi promotes partnership with young entrepreneurs and new start-up companies in the Institute. TBIU facilitates activities like product development, innovations, software testing, simulation and prototyping, pilot experimentation, training and other tech-related work, maintaining a homology with the Institute. Recently, the incubation centre has set up a Biotechnology Business Incubation Facility (BBIF) which support the biotech startups with specialised equipments, experimental facilities, IP guidances, market linkages etc.

Currently Resident TBIU Companies

Credext Technologies Pvt Ltd (Creation of multimedia presentations)	VM Trans Innovations Pvt Ltd (Road Transport Exchange)
Creditas Solutions Pvt Ltd (On-line platform for debt negotiation and settlements)	Omnia Information Pvt Ltd (Big data analytics based affordable internet & information solutions)
EkamEco Solutions Pvt Ltd (Ecological solutions in the field of sanitation water conservation, nutrient recovery and sustainable habitat)	Sakosh Biotech Pvt Ltd (Development of lateral flow immunoassay based diagnostic rapid card tests for infectious disease)
Planin Innovation and Consultancy Pvt Ltd (A basket of innovative products with proprietary technologies)	Kentellus Welding & Manufacturing Pvt Ltd (New Technology for manufacturing welding electrodes)
Valetude Primus Healthcare Pvt Ltd (Portabale device for rapid and early detection of infectious diseases)	Cutting Edge Medical Devices Pvt Ltd (SCINTILLA – a portable urine protein analyser)
Innovators Lab Consultants India Pvt Ltd (Mechanical heart valve fixation system: An improved design for superior cardiac performance)	

For B2B alliances, investments etc; contact: kirityroy@yahoo.com

TBIU News Bytes

Biometric Work from Home Solution by Team Credext

Credext Technologies has partnered with a leading bank in India for the design and development of facial recognition based; work from home solution. Powered by its in-house desktop virtualization system in the backend, team Credext put together a smart facial recognition based authentication service for validating and monitoring the activities of employees working from home.

TBIU Startup Wrig Nano attracts Investement

Co-founders of Flipkart and Snapdeal, two of India's largest e-commerce ventures, seem to be loosening

their purse strings when it comes to making personal investments in emerging startups. What is more, the poster boys of India's e-commerce's juggernaut seem to have common investment preferences....



Wrig Nanosystems a TBIU start-up was founded in 2009 by IIT-Delhi graduate Ambar Srivastava. The company has developed and commercialised a mobile-sized haemoglobin measurement device, TrueHb Hemometer. The devices costs between Rs 3,000 to Rs 12,000 and the company claims to have sold 4,000 devices post launch...

Source: <http://www.vccircle.com/news/technology/2015/07/30/snapdeal-and-flipkart-founders-back-offline-gaming-firm-madrat>

Passion is the watchword for any upcoming startup

Entrepreneurship is an eclectic marriage of art and science; hard facts and data are used to evaluate different ideas. However, there are a couple of other very important inputs. Typically, entrepreneurs tend to build businesses in areas they are comfortable with and understand. It is important to play to your strengths as logical assessment and intuitive understanding then come together...
Source: The Economic Times- June 16, 2015

Do you have it in you to launch a startup? Find out

India is acknowledged as a global startup powerhouse, home to ideas and entrepreneurs shaping the future of the new economy. About 3,100 tech-based ventures were started last year, or more than eight startups every day, shows a study by industry body Nasscom. The number of Indian unicorns — that exclusive club of startups with valuations of at least \$1 billion - about doubled to seven in the past year. But it is also true that 90% of new businesses wind up within 24 months, with entrepreneurs.....
Source: The Economic Times- June 12, 2015

How a not-for-profit venture like Avanti is taking IIT graduates back to classrooms

A 22-year-old chemical engineering graduate from one of the Indian Institutes of Technology (IITs) wouldn't find it too difficult to land a generous job offer. However, Krishna Choudhury, class of 2015, IIT Guwahati, has gone off the beaten track and turned teacher at a startup, where he will try and help more underprivileged students get into his alma mater. The level of job satisfaction more than makes up for a much lower salary...
Source: The Economic Times- July 3, 2015

Now, IITs become fertile ground for faculty startups

Ravikrishnan Elangovan (33), joined IIT Delhi's department of biochemical engineering and biotechnology as assistant professor in 2010. He met Vivekanandan Perumal and Shalini Gupta, both of whom had also just joined the institute as faculty members after their post-doctoral degrees from the US. The trio wanted to develop a solution for typhoid diagnosis, put up a proposal with the department of biotechnology in 2013 and got funded...
Source: The Economic Times- June 23, 2015

Why CAs are now mentoring startups and putting in funds too

When Zophop founder Vinayak Bhavnani broached an idea for fundraising with his tax advisor, he was in for a surprise. Jeenendra Bhandari, partner at tax firm MGB and Co LLP, made IIT Delhi alumnus Bhavnani an offer he could not refuse -he offered to pick up a stake in Bhavnani's startup Zophop. Zophop is not the only startup Bhandari has invested...
Source: The Economic Times- August 2, 2015

PM Modi's New Initiative to Create Jobs: 'Start up India, Stand up India'

Prime Minister Narendra Modi today announced a new campaign "Start-up India, Stand up India" to promote bank financing for start-ups and offer incentives to boost entrepreneurship and job creation.

Addressing the nation on the 69th Independence Day, he said, "We are looking at systems for enabling start-ups. We must be number one in start-ups... Start-up India; Stand up India."...
Source: The Indian Express- August 16, 2015

IITs turn wary of start-up job offers

Start-up companies and their plum offers may not rule the placement season at IITs this year. For, with quite a few firms failing to meet the offers they made last year or give offer letters on time, the IITs have decided to filter the start-ups approaching them....
Source: Hindustan Times- August 17, 2015

Start-ups queue up at IITs in search of the best coding talent

Coders, those who design, write and test the computer programs, are in high demand. As e-commerce firms, flush with funds from recent investments, seek to expand, they are willing to pay top dollar to hire software development graduates from Indian Institutes of Technology (IITs). Start-ups and the online retail firms, like Paytm, Grofers, OYO Rooms, TinyOwl, UrbanClap and CommonFloor have already lined up for the upcoming IIT placement season that starts in December...
Source: Mint -August 19, 2015

Bringing attention to Indian start-ups is a very good idea, says Vinod Khosla

Bloomberg TV India caught up with Vinod Khosla of Silicon Valley Technology Partner to discuss India's initiatives in the digital space, and the way forward.....

The start-ups ecosystem relies on doing things quickly, rapidly and at a low cost. So making India an easy place for business and its global ranking available — that's a really important factor. It is also important to improve the electronic infrastructure. Just like the other infrastructures in the country there is also an electronic infrastructure. Aadhar is very good starting base per se — Aadhar-based payment systems having e-governance to make things easier. These are just some ideas...
Source: Business Line- September 28, 2015

FITT partnered Innovator Grantees under the 5th & 6th call of BIG scheme of BIRAC:

- | | |
|--------------------------|--------------------------|
| Dr S Ahlawa, New Delhi | Dr VK Gowda, Bangalore |
| Dr V Perumal, IIT Delhi | Prof NB Sarin, New Delhi |
| Dr P Parashar, New Delhi | Dr A Banker, Ahmedabad |
| Dr P Mehrotra, New Delhi | Dr A Bam, Mumbai |

Who is eligible for Incubation?



TBIU Board Meeting - September 1, 2015

As per the existing policy guidelines of the Institute, the following categories of entrepreneurs are eligible for the incubation programme at the TBIU & BBIF:

- Start-ups formed by first generation entrepreneurs
- R&D division of existing Small & Medium Enterprises (SMEs)
- Incubator programme initiated by academic staff, students or alumni or faculty-student led company



Incubatees at the BBIF

Corporate Social Responsibility

As a part of the CSR mandate under the Companies Act 2013, corporates can now associate with FITT and fund the technology incubation programs at IIT Delhi or implement projects in the relevant technology areas.

Innovation and Techno-entrepreneurship Support Schemes

Biotechnology Ignition Grant (BIG) Scheme- BIRAC

- Establish and validate proof of concept
- Mentoring incubatees and new startups
- Financial support upto Rs. 50 lakhs

Technological Incubation and Development of Entrepreneurs- TIDE

- Financial support during incubation
- Scope for technology ventures (IT and IT & ES)

Entrepreneurial and Managerial Development of SMEs through Incubators- MSME

- Nurture and promote technology knowledge-based innovative venture
- Financial support upto Rs. 6.25 lakhs

Seed- Support to Incubatees- TDB

- Support the start-ups at incubators upto Rs. 25 lakhs



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TBIU Board

Prof K Gupta, Director, IIT Delhi..... Chairman (*Ex-officio*)
Sh D Kalra Chairman & Group CEO, Make My Trip..... Member
Sh L Jalan, CEO, Reliance Infrastructure Ltd.....Member
Sh HK Mittal , Adviser, Member Secretary NSTEDB.....Member
Prof Shusil, DD (O), IIT DelhiMember (*Ex-officio*)
Prof SK Koul, DD (S&P), IIT Delhi.....Member (*Ex-officio*)
Prof S Tuli, Dean (R&D), IIT Delhi.....Member (*Ex-officio*)
Prof KS Rao, Dean (Infra) IIT Delhi.....Member (*Ex-officio*)
Dr A Wali, MD, FITT.....Convener