



FITT

TECHNO-PRENEURSHIP BULLETIN

Issue I, Vol 11

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April, 2017

National Entrepreneurship Awards -2016



Mr R Singh, Minister of Home Affairs and Mr RP Rudy, Minister of State for Skill Development and Entrepreneurship during the award ceremony on January 30, 2017

Whatsapp CEO visits IITD



Q&A session#GetCurious #Brian Acton#Dogra Hall#February 24

WEE Mentorship Programme observes First Foundation Day



1st batch of WEE graduates at IIT Delhi during the award ceremony on March 29, 2017

"You shouldn't focus on why you can't do something, which is what most people do. You should focus on why perhaps you can, and be one of the exceptions....."

- Steve Case, Co-founder of AOL

Starting up and winding up

The most fertile and fecund ground is usually the one where creative destruction and disruption is at its most efficient in generating innovative and imaginative creation. Failure is a stepping stone to further iterations on the way to improvement. Any start-up ecosystem that aspires to be efficient in creating, nurturing and supporting innovation has to have a well thought out mechanism for failures to be digested and recycled for the next generation.

It should be possible for bonafide entrepreneurs to eject from unsuccessful ventures and rise phoenix-like out of ashes of the old to start afresh and contribute to the creation of successful ventures later.

Legitimate and uncomplicated procedures for winding up failed companies with minimal collateral damage have to be designed just as the procedures for new ventures are simplified. This has to be a key factor in the ease of doing business.

- P Somarajan

IITs make a mark even in humanities globally

The Indian Institutes of Technology (IITs), known for making a mark globally in technology and engineering, are now making a mark even in arts, humanities and social sciences while the conventional state government, central government, private and deemed universities continue to fail to do so....

In the social sciences and management category, while Delhi University grabbed the best place from India at rank 295, IIT-Delhi(IIT-D) and IIT-Bombay (IIT-B) ranked better at 299 and 342 than Jawaharlal Nehru University which was ranked 391.

Source: Economic Times- March 10, 2017

FITT – Corporate Membership

FITT invites the industry/ industry association/ R&D organizations and financial institutions to become corporate members of FITT at a nominal annual fee. A corporate member client can participate in technology transfer and joint R&D programmes of the institute on a priority basis with FITT providing the interface. Membership forms can be downloaded from <http://www.fitt-iitd.org/>

Contact: fitt0034@fitt.iit.ernet.in

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. The incubation centre has a Biotechnology Business Incubation Facility (BBIF) which support the biotech startups with specialised equipments, experimental facilities, IP guidances, market linkages etc.

Currently Resident Incubator Companies

Creditas Solutions Pvt Ltd (On-line platform for debt negotiation and settlements)	Credext Technologies Pvt Ltd (Device that enables user to access desktop from a remote location)
Innovators Lab Consultants India Pvt Ltd (Mechanical heart valve fixation system: An improved design for superior cardiac performance)	Cutting Edge Medical Devices Pvt. Ltd (SCINTILLA – a portable urine protein analyser)
Omnia Information Pvt Ltd (Big data analytics based affordable internet & information solutions)	Valetude Primus Healthcare Pvt Ltd (Portabale device for rapid and early detection of infectious diseases)
Vecmocon Technologies Pvt Ltd (Develop green transit technology through motor controller and battery management system.	Dr V Perumal & Dr R Elagovan (Rapid Diagnosis of Bacterial gastroenteritis at resource poor setting)
Vizara Technologies Pvt Limited (Digital heritage India research and applications)	Botlab Dynamics Pvt Ltd (Unmanned aerial vehicles)
Veracitech Pvt Ltd (High dimension data analytics)	Test Right Nanosystems Pvt Ltd (Compact low cost spectrometer and its application)
Luminasic Pvt Ltd (ASICs for CMOS image sensors)	Nano Clean Global Pvt ltd (Nosier nasal filters)
Aquasense Equipment Pvt Ltd (Pragmaticc solutions for water measuring devices)	Debayan Saha (A novel endo-nasal air purification device with minimal air flow resistance)
Sakosh Biotech Pvt Ltd (Development of lateral flow immunoassay based diagnostic rapid card tests for infectious disease)	Brown bag Corporate and Social Sustainability Pvt Ltd (Climate solutions for sustainable development)

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

TBIU Exits: Kentellus Welding Manufacturing Pvt Ltd, VM Trans Innovations Pvt Ltd

TBIU News Bytes

Valetude wins Longitude Prize



Valetude Primus has won "Longitude Prize Discovery Awards" funded by BIRAC & NESTA, November 2016

BBIF Incubatee bags GYTI Awards- 2017



Mandeep Singh & Azhar Muneer recipient of GYTI Awards -2017, project on "Blood Quality Assessment Using Digital Holographic Microscopy under the guidance of Dr. K Khare (Dept of Physics) & Dr S Ahlawat, IIT D

Advantage Organic TBIU incubatee is India's first organic garment

Advantage Organic Natural Technologies Private Limited (AONTPL) is the 'State of the Art' world's first truly Organic Herbal Lifestyle Wellness Garments manufacturing plant using its indigenous Green Cleantech, Low Carbon Footprint, Patented Technology; is launching the 'Joy of Life' range of Under Garments, Night Wear, Yoga Wear for Men, Women, Kids and Infant wear. AONTPL, the Company was incubated in the prestigious IIT Delhi Campus and owns three patents at USA, Europe & India and one more pending in India "Method for Dyeing a Textile product using Neem and Holy Basil Extract. ... Source: ANI - December 21, 2016

IIT alumni will have Rs 1,000 crore for your big idea soon

Pan-IIT Alumni India, the alumni body of the Indian Institutes of Technology, is working on setting up a Rs 1,000 crore venture capital fund to focus on social impact enterprises and the startup ecosystem. This will be the first such VC fund by the association.

The group will raise the fund through several avenues including alliances with financial institutions and will also tap on its large network of IIT-ians, Ashok Madhukar, chairman of Pan-IIT Alumni India, told ET..... Source: The Economic Times- December 20, 2016

IIT-Delhi team designs metro map for the blind

Travelling by Delhi's bustling metro network is a challenge even for able-bodied commuters. So, a group of researchers from IIT-Delhi has come up with a unique map that will help visually impaired people navigate across the mass transit system. ... "Our initiative was born out of one primary reason, i.e., blind students face challenges when it comes to diagrams. Owing to this, they cannot opt for engineering. Even science and mathematics as subjects are made optional in high school," Professor M Balakrishnan, professor in IIT Delhi's computer science department told Mail Today.....Source: Mail Today- January 29, 2017

Jyoti Bansal: Meet the IIT-Delhi alumnus who sold his start-up for \$3.7 billion

Indian-American entrepreneur Jyoti Bansal has agreed to sell his application intelligence venture AppDynamics to Cisco Systems for a \$3.7 billion (Rs 25,150 crore approx) deal. The announcement has come a day before AppDynamics was to launch its initial public offer (IPO), which valued the company at \$2 billion.... Source: Live Mint- January 26, 2017

IIT Delhi to host 12th TechTop National Innovation Challenge

IIT Delhi is going to host 'TechTop National Innovation Challenge' for engineering students on July 14 and 15, 2017. The contest will be held at the Indian Institute of Technology (IIT) in New Delhi and there will be cash prizes of Rs one lakh for the winners. Those who come in second and third place will be awarded Rs 50,000 and

Rs 30,000 each while a cash prize of Rs 20,000 will be presented to the best innovation from an 'all women team'. IIT Delhi invited all students from recognised engineering colleges to participate in presenting innovative project ideas... Source: The Indian Express- February 27, 2017

IIT Delhi inaugurates IoT lab in partnership with Samsung

(IIT) Delhi has inaugurated an Internet of Things (IoT) lab in partnership with Samsung. The lab was conceptualised in June last year, an MOU was signed with Samsung in August 2016. The devices for the lab have been provided by Samsung, according to a release issued by IIT Delhi..... Source: The Economic Times-March 6, 2017

These Brilliant Waterless and Odourless Urinals Help with Agriculture Too!

Waterless and odour-free urinals developed by these IIT Delhi alumni serve two purposes for the environment: help save water and harvest urine for agriculture. Most toilets use 10 litres of water for a full flush and 6 litres for a low flush — and that's just a one-time usage. When we calculate the amount of water that literally goes down the drain every day in every house, the figures are worrying. Uttam Banerjee, an IIT Delhi alumnus, has found a solution to reduce this tremendous water consumption: waterless urinals..Source: The Better Indian- March 14, 2017

Ericsson and IIT Delhi launch '5G for India' program

Ericsson will set up a Center of Excellence & Incubation Center with a 5G test bed at IIT Delhi and use this facility to drive the development of the country's 4.5G and 5G ecosystems. IIT Delhi will conduct research and development to explore how some of the country's challenges can be addressed with mobile technologies.

Program has been conceptualized to fast-track realization of Digital India initiatives and aid application development for Indian start-ups and industries.... Source: <http://www.iitd.ac.in>

World Class Convention Facility @ IITD's Sonipat Campus

Spread over 10 acres, the Innovation Centre for Education (ICE) is a state of the art facility at the Sonipat Campus of IIT Delhi. In addition to having a large auditorium with a seating capacity of 500 persons with the latest audio visual conferencing equipment and facility for high fidelity recording, video projection/ video graphs etc, the ICE has a plethora of lecture halls, conference rooms and studios for a serene and secluded place to conduct seminars, conventions, symposia or workshops. For details visit: www.fitt-iitd.in

FITT partnered Innovator Grantees under the 9th call of BIG scheme of BIRAC:

- Dr Aarti Sharma, New Delhi
- Dr Swati Midha, New Delhi
- Stellargene Technologies Pvt Ltd, New Delhi
- Helixworks Technologies Pvt Ltd, Guntur
- Cordwood Technologies LLP, Pune

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. Contact: kirityroy@yahoo.com

Entrepreneurship Programs at IIT Delhi

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Start-up conclave during Tryst 2017 on February 25



Dr R Chidambaram (Padma Vibushan) at the Tryst guest lecture

Who is eligible to apply for Incubation at IIT Delhi ?

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.

Innovation/ Entrepreneurship Support Schemes

National Entrepreneurship Awards Scheme by Ministry of Skill Development and Entrepreneurship (MoSDE)

- Encourage a culture of entrepreneurship, recognize and honour entrepreneurs and entrepreneurship ecosystem builders
- Award Track- grant of Rs 5 lakhs to each enterprise
- Recognition Track- Rs 10 lakhs each (organizations/institutes) and Rs 5 lakhs (mentor)

Biotechnology Ignition Grant (BIG) Scheme- BIRAC

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

Pfizer IIT Delhi Innovation and IP Program

- Support upto 50 lakhs to propel India's healthcare innovations from idea to IP

Technological Incubation and Development of Entrepreneurs- TIDE

- Scope for technology ventures (IT and IT & ES)
- Financial support during incubation upto 25 lakhs

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

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Prof BR Mehta, Dean (R&D), IIT Delhi.....	Member (Ex-officio)
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