



# FITT

## TECHNO-PRENEURSHIP BULLETIN

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1

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### Tryst concludes at IITD

The three-day tech fest of IIT Delhi concluded on March 1, 2014 amid participation by 15,000 students from across the world. During Tryst'14, the institute hosted a series of lectures, workshops, seminars and exhibitions. Students from Shri Vaishnav Institute of Technology and Science, Indore excelled in this fest by winning the paper presentation competition and two other events namely: green dream and treasure hunt.

### Brain Storming session on Science Park

A Brain Storming meet was organized on February 4, 2014 to discuss the setting up of Science Parks at Sonapat and Jhajjar. This meeting was chaired by Prof RK Shevgaonkar, Director IITD. Representatives from the government, faculty members and various industry partners like Thermax, BHEL, Sona Steering, BSES Rajdhani and Frick India among others attended this session and



*Deliberations at the brain storming meet*

shared their expectations and proffered inputs towards the creation of these Science Parks.

### TiE Entrepreneurship program at IITD

The Indus Entrepreneurs (TiE Delhi – NCR) in co-operation with FITT hosted a startup catalyst program over two weekends from February 21- March 2, 2014 in the Institute. Lectures, workshops and discussions were organized to train the members on networking, mentoring and management of intellectual property.



*Dr A Wali at the Start-up Accelerator Program- February 23, 2014*

***"Our goal is not to build a platform; it's to be across all of them..."***

**- Mark Zuckerberg,**  
*Founder, Facebook*

### Innovation and Economic Growth

Entrepreneurship, innovation and economic growth are thought of as links in a chain of cause effect mechanism that leads to transformation of communities and removal of poverty. While it seems to be so apparently simple that innovation and innovative entrepreneurship lead to economic growth, what riles traditional economists is that in reality it is not so simple. The nature of innovation and the channelization of entrepreneurial energies are highly dependent on the ecosystem. Globalisation and information technology ensures that while innovation may originate in any part of the world, the benefits or otherwise of it are felt in another place. Disruptive innovations are known to have erased several livelihoods in what may be considered a blink of an eye in history of mankind but for those who are affected it is momentous. Many industrial workers in the developed world fear losing their jobs to emerging countries like India and China where cities like Shenzhen and Gurgaon have transformed from being rural hinterlands to buzzing centres of economic activity in a couple of decades. Closer home, micro retailers as well as the multinational single brand retailers who they are trying to block from entering the country are both facing a threat from innovative online retail. Unless the ruling elite of a country realise that resisting change and trying to stifle free enterprise will only channelize the entrepreneurial energies to try to beat the iniquitous system and the best ideas will find fertile ground in a less repressive regime, the fruits of innovative entrepreneurship will not benefit their country.

**- P Somarajan**

### Action For India Forum



*Mr Sam Pitroda at the inauguration of 3rd Action For India Forum-2014 at IIT Delhi- January 11, 2014*

#### FITT – Corporate Membership

FITT invites the industry / industry associations / R&D organisations and financial institutions to become corporate members of FITT at a nominal annual fee. A corporate member can participate in technology transfer and joint R&D programmes of the Institute on a priority basis with FITT providing the interface. Membership Form can be mailed on request or can be downloaded from [www.fitt-iitd.org](http://www.fitt-iitd.org).

**Contact:** [fitt00034@fitt.iitd.ernet.in](mailto:fitt00034@fitt.iitd.ernet.in)

## TBIU: Support system for your new 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 following start-ups are currently resident:

### Currently Resident TBIU Companies (inclusive of new residents)

<b>Novo-Informatics</b> <a href="http://www.novoinformatics.com">www.novoinformatics.com</a> (Develop biological software for pharmaceutical & biotechnology companies and research academics as well as serving clients in area of target modeling & drug discovery)	<b>Wrig Nano- Systems Pvt Ltd</b> (Advanced Blood Haemoglobin Testing POCT)
<b>Silver Knight Technologies</b> <a href="http://www.silverknight.info">www.silverknight.info</a> (Advanced Anti-theft bag)	<b>Carbon Neutral Technologies Pvt Ltd</b> (An alternate manufacturing process for isoprene-a key industrial input at an economical cost)
<b>Genesis Location Services</b> <a href="http://www.genesisnetlabs.com">www.genesisnetlabs.com</a> (Location specific services )	<b>Kentellus Welding &amp; Manufacturing Pvt Ltd</b> (New Technology for manufacturing welding electrodes)
<b>PLANiN Innovation and Consultancy Pvt Ltd</b> (A basket of innovative products with proprietary technologies - first product - a cooling system/fan)	<b>EkamEco Solutions Pvt Ltd</b> <a href="http://www.ekamecosolutions.com">www.ekamecosolutions.com</a> (Ecological solutions in the field of sanitation, water conservation, nutrient recovery and sustainable habitat)
<b>Innovator Lab Consultants India Pvt Ltd</b> (Mechanical heart valve fixation system: An improved design for superior cardiac performance)	<b>Credext Technologies Pvt Ltd</b> <a href="http://www.credext.com">www.credext.com</a> (A device for enabling a user to access his / her desktop at remote location)
<b>Inkilab Technologies Pvt Ltd</b> <a href="http://www.inkilabtechnologies.com">www.inkilabtechnologies.com</a> (Diagnostics technologies integrated with process design and decision making in manufacturing processes)	

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

## TBIU News Bytes

### Wrig Nanosystems launches TrueHb Hemometer:



TrueHb Hemometer

Wrig Nanosystems Pvt Ltd has recently launched a hemometer for measuring hemoglobin in blood. This portable device is based on advanced bioelectronics technologies providing higher level of convenience and accuracy.....

Source: [http://www.business-standard.com/article/news-ians/delhi-iit-based-startup-launches-haemoglobin-measurement-device-114032500693\\_1.html](http://www.business-standard.com/article/news-ians/delhi-iit-based-startup-launches-haemoglobin-measurement-device-114032500693_1.html)

### Flipkart chooses Yonyx to channel customer interactions:

An eCommerce marketplace leader partners with a global technology leader Yonyx announced today that Flipkart, India's leading e-commerce marketplace, (<http://www.flipkart.com>) has adopted the Yonyx platform (<http://corp.yonyx.com>) to streamline its customer support operations enterprise wide.....

Source: <http://www.prlog.org/12285209-flipkart-chooses-yonyx-to-channel-customer-interactions.html>

### Winner of the Bio-Excellence Award 2014: Novo Informatics among the Emerging Company of the year - BioInformatics

Emerging Company of the Year - The categories and winners were BioPharma & Healthcare: Stempeutics Research Pvt. Ltd, Bio Services: Anthem BioSciences Pvt Ltd, Bio-Industrial: Sea6 Energy Pvt Ltd, BioInformatics: Novo Informatics Pvt Ltd. ....

Source: [http://www.bangaloreindiabio.in/Press\\_Releases\\_1.php](http://www.bangaloreindiabio.in/Press_Releases_1.php)

## Serial entrepreneur's tale of drive and perseverance

Sunil Coushik may not be a familiar name yet. But in today's emerging entrepreneurial age, this 35-year-old's tale is one that would likely inspire many. So, as the New Year breaks, here's a story of drive, perseverance, and imagination, and the rewards these can bring. ....Source: *The Times Of India- January 1, 2014*

## 'Entrepreneurs do not fail, enterprises do'

Over the last decade or more entrepreneurship has received immense attention in this country, so many management students and engineers have graduated with a vision to do something different.

Corporate bigwigs have turned to starting their own businesses for a deeper sense of professional satisfaction. But many businesses also 'fail' miserably. Source: *Business Line- January 12, 2014*

## Start-ups take a slice of the online world

Entrepreneurship is a buzzword everywhere and a good number of successful start-ups are mushrooming all around....

A decade ago, the mere mention of entrepreneurship would have elicited an indifferent shrug at best and a disdainful frown at worst. Not considered to be a viable career option, a numbered few took the plunge and became entrepreneurs. But nowadays, entrepreneurship is a buzzword everywhere—college campuses, big and small companies and everywhere else. Entrepreneurship is in vogue. Innovators are innovating. Makers are making. And a good number of successful start-ups are mushrooming all around us.....Source: *Mint- February 9, 2014*

## Entrepreneurs—which path to choose?

The young in India—15% below the age of 15; 50% below 25; 65% below 35—have an opportunity to make a difference for the future. This is more than 700 million young people.

In spite of the growing job opportunities in traditional industries (research, academics, hotels, medicines, pharmaceutical, automobile, shipping, information technology, etc.), there is still a need to create avenues for employing a large number of young talent pools in India. Also, much of the young population resides not in the big cities and metros but in smaller cities across the country. And it is very important to create opportunities for all.

Source: *Mint- February 16, 2014*

## Campus start-ups should matter more than placements

Graduating students from Ivy League colleges start Google, Facebook, Instagram, but the trend in India has been far less...

If you do not take a risk how will you succeed? These are the not the words of a management guru but of 23-year-old Puneet

Gupta, the co-founder of My Epoch (myepoch.in), a start-up in Delhi. Gupta and co-founder Praneet Singh Sahai are graduates of institutes where the track record of students going for high-paying campus placements and further studies in the West is well-accepted and well-documented. They have spurned it all to set up a company to address a market need of yearbooks at colleges, something that ventures beyond engineering into a creative space like design..... Source: *Mint- February 23, 2014*

## Entrepreneurship is here to stay

Entrepreneurs and the entrepreneurial ecosystem have experienced a profound transformation in the past few decades. Entrepreneurs earlier known for their risk-taking abilities are now being recognized as innovators who aspire big. Emerging companies and start-ups are engaged in offering innovative solutions, boosting growth and creating jobs. This group is focusing on making a global impact with local consequence.....

Source: *Mint- March 4, 2014*

## Use technology to create affordable products, CII chief tells entrepreneurs

Entrepreneurs will have to take the lead in creating affordable products and services to benefit a larger segment of the population, said S Gopalakrishnan, President, Confederation of Indian Industry (CII).

Addressing the CII Southern Region Emerging Entrepreneur Awards, 2013, he said that in an age of technological breakthroughs in information technology, biotechnology and nanotechnology, entrepreneurs should exploit business opportunities. Growth of the economy depends on such creativity and entrepreneurship, he said.... Source: *Business Line- March 10, 2014*

## No experience? No problem

Successful entrepreneurs tend to be insatiably curious about almost everything, and often they are good at learning by doing. Their open-minded, can-do attitude is among their best assets...

Source: *Mint – March 25, 2014*

## FITT partnered BIG-2 Grantees:

- Ms A Pallavi
- Dr Shalini Gupta
- Dr K Srinivas Rao
- Mr Mahesh Shanker Dhar
- Actorius Innovations and Research
- Amnivor Medicare Pvt Ltd



## Entrepreneurship Programs at IITD



Conference on Unlocking Value for Start-Up Incubation through Corporate Engagement- January 27, 2014



UNIITE – Entrepreneurship Meetup and Startup Showcase at the Institute- November 15, 2013

### TBIU Incubation Program at IIT Delhi: For Technopreneurs

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



All Asia Business Plan Competition 'Vishishth' organized by Entrepreneurship Development Cell - IITD in association with Dhruv Forever- February, 2014

## 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 R K Shevgaonkar, Director, IIT Delhi.....Chairman (Ex-officio)  
Mr Lalit Jalan, CEO, Reliance Infrastructure Limited.....Member  
Mr P Gupta, Chairman, Cybermedia Ltd.....Member  
Mr R Pandhare, Chairman, Irene Health.....Member  
Prof S N Singh, DD (O), IIT Delhi.....Member (Ex-officio)  
Prof S K Koul, DD (S&P), IIT Delhi.....Member (Ex-officio)  
Prof S Tuli, Dean (R&D), IIT Delhi.....Member (Ex-officio)  
Prof A Gupta, Dean (Infra) IIT Delhi.....Member (Ex-officio)  
Dr A Wali, MD, FITT.....Convener