

FITT

TECHNO-PRENEURSHIP BULLETIN

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1

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The India Wallonia Tech program



H.E. the Belgian Ambassador in India Mr Pierre Vaesen inaugurated the India WalloniaTech program on May 23 2011 at FITT, IIT Delhi. Eight start-up companies were selected to participate in the program. AWEX, with whom FITT is collaborating, organised the Technology Week in Belgium that included the tour of selected technology start-ups from India to the Wallonia region for understanding the innovation ecosystem there and for exploring collaborative R&D / business opportunities.



Prof R K Shevgaonkar

WELCOME !

Prof R K Shevgaonkar, earlier the Vice Chancellor of University of Pune has taken over as the new Director of IIT Delhi from Sept 28, 2011. He, thus, becomes the new ex-officio Chairman of Governing Council of FITT and also the Chairman of the TBIU Board, IIT Delhi.

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 client 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.

Contact: kirityroy@yahoo.com

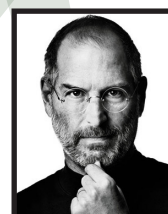
" Many of life's failures are people who did not realize how close they were to success when they gave up. "

- Thomas Alva Edison,
Inventor and Entrepreneur

Ed.....

Innovation and entrepreneurship continue to excite. While we romanticize these (rightly so!), there are challenges galore. Innovations may be useful locally or could potentially have larger impact elsewhere. While most innovations have a general and wide-area appeal quite a few seek specific uses and markets. There are aspirations to internationalise too. Therefore, there is need for partnerships and linkages to connect, understand and seek mutually beneficial opportunities. Innovators and entrepreneurs keep looking for such avenues. The recently initiated India-Wallonia Tech program is one such opportunity for high-potential technology start-ups whose dream cuts across boundaries to explore global frontiers. Through its association with the WalloniaTech program, FITT manifests its intent to seek not just the leadership position in its domain but, also forge international links as innovation knows no boundaries and can throw up interesting value across regions!

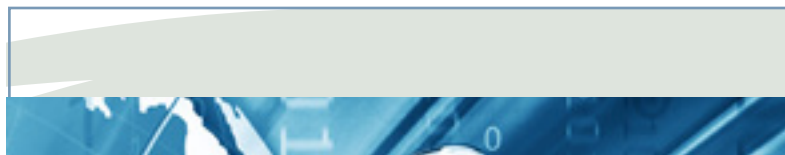
Anil Wali



*We mourn the sad demise of
legendary tech icon and entrepreneur Steve Jobs*

TBIU - FITT fosters a culture of entrepreneurialism at all levels and within all disciplines

The Technology Business Incubation Unit (TBIU) is a place where technology entrepreneur embarks on a journey to convert his or her idea / concept / service or a product into a commercially viable business in technological association with the academics of IIT Delhi. A non-IIT Delhi entrepreneur is also welcome.



Currently Resident TBIU companiesopportunities towards B2B alliances, investment etc.

| Name of the Company | Technology Area |
|--|---|
| SIMPLEFEYE SOFTWARES www.simplyfeye.com | KM tool in biopharmaceutical manufacture. |
| FAROS TECHNOLOGIES www.farostech.com | Development of simulator sub components, simulators and providing simulation services |
| INNOVATIVE TRANSPORT SOLUTIONS www.itrans.co.in | Technical solutions for traffic / transport systems and development of models for sustainable transport in cities |
| GLOBAL MOTORTECH www.globalmotortech.com | Technology based products and services in motor design and analysis software |
| GRAM VANNI COMMUNITY MEDIA www.gramvaani.org | Building innovative models of media delivery for rural areas of India |
| ADVANTAGE ORGANIC NATURALS TECHNOLOGIES www.advantagenature.com | Garments with wellness properties |
| SHALYA TECHNOLOGIES www.shalyatechnologies.com | Design and development of medical implants |
| INNOVATIVE MECHATRONICS SYSTEMS www.imechatronix.com | Design, development and manufacture of micromachining system |
| YONYX TECHNOLOGIES www.yonyx.com | Teacher replication platform clearing system |
| GENESIS LOCATION SERVICES www.genesis-in.com | Location based products and services |
| NOVOINFORMATICS www.novoinformatics.com | Development of software products and disease specific databases |

Contact: kirityroy@yahoo.com

The Sept.'11 Graduate ... **SunUrja Renewable Energy** has completed its incubation stay at the TBIU and is now marching ahead in its commercial pursuits

In Helping Power the Ideas .. FITT extends following supports under approved Government Schemes:

Technological Incubation and Development of Entrepreneurs (TIDE), DIT: to financially support technology ventures(IT and IT& ES) at incubators during early stages of their development, (www.mit.gov.in)

Seed-Support to Incubatees, TDB: for addressing the varied development needs of the start-ups at incubators. (www.tdb.gov.in)

Technopreneur Promotion Programme (TePP), DSIR: to enable innovators to become technology entrepreneurs through financial support / mentoring – upto Rs 15 / 45 lakh (www.dsir.gov.in)

Entrepreneurial and Managerial Development of SMEs through Incubators, MSME: to nurture / promote technology / knowledge - based innovative ventures through financial/ incubation support (www.msme.gov.in)

New Battleground Intellectual property lawsuits threaten to raise the cost of making Android phones

Android, the mobile operating system from Google, has been on a tear over the past two years. Its share of the smartphone market rocketed from less than 3% to 48% during that time, according to research firm Canalys. Some analysts even think Android could one day be as dominant in mobile as Microsoft was on desktops in the 1990s.

Yet there's one thing that may stop, or at least slow, Android's ascent: patent fights. Google and HTC, Motorola, and Samsung, the three largest manufacturers of Android handsets, have each been hit with lawsuits claiming their mobile software violates others' patents. To some extent, this is normal. Silicon Valley powerhouses have long wielded their patent portfolios to extract concessions from rivals..... *The Economic Times 11.08.2011*

35 Indian firms in Forbes Asia's list

Thirty-five Indian companies are ranked among the top 200 Asia-Pacific corporations in Forbes Asia's 'Best Under a Billion' list for this year. The number of Indian companies was second only to the 65 firms from both China and Hong Kong that found a place in the list. The Asia-Pacific list ranks public companies in the Asia-Pacific region with annual revenues between \$5 million and \$1 billion. The companies were also evaluated in terms of return on equity, said Forbes Asia..... *PTI/Singapore, Sept. 1, 2011*

India needs to nurture culture of innovation; develop model that can perpetuate itself: Israel's SIT

In India there are 80 innovation centres but they don't have a good success rate. A huge country like India needs about 3,000 centres, that too very fast, said Mr Erez Tsalik, Director (Asia-Pacific) at Systematic Inventive Thinking, Israel. Popularly known as SIT in Tel Aviv, Systematic Inventive Thinking is a 60-member privately held company, which is now offering consultancy services to the National Innovation Council.

Mr Tsalik said that India cannot bring about innovations based on an Israeli model. It will have to devise its own model. "Therefore our suggestion to the Council was to prepare an innovation model, which can perpetuate itself," he said. "Create 50 hubs each year, which can show quick financial and business results. Then each hub should create its own two hubs. Innovation should pay for innovation and not government subsidy," Mr Tsalik said. *Business Line, 27.06.2011*

FITT, in partnership with Samsung Electronics (India) Pvt. Ltd. has instituted Samsung Innovation awards at IIT Delhi. The award entails cash prizes to the winners.

Good to read...

5 Myths about entrepreneurs Vivek Wadhwa,
The Washington Post, Sunday July, 31, 2011

In association with NEN, FITT organised a session for budding entrepreneurs : Business Models and Business Plans – Getting it right at IIT Delhi during 2-4 September 2011..



The 2011 Nobel Prize Winners – Science and Economics

Physics

"for the discovery of the accelerating expansion of the Universe through observations of distant supernovae"

- Saul Perlmutter
- Brian P Schmidt
- Adam G Riess

Chemistry

"for the discovery of quasicrystals"

- Dan Shechtman

Physiology / Medicine

"for their discoveries concerning the activation of innate immunity"

- Bruce A Beutler
- Jules A Hoffmann

"for his discovery of the dendritic cell and its role in adaptive immunity".

- Ralph M Steinman

Economics

"for their empirical research on cause and effect in the macroeconomy"

- Thomas J Sargent
- Christopher A Sims

New project proposals approved by DSIR for TePP support at FITT

- "2 in 1", Self Orthodontic spring separator for predictable separation of teeth in orthodontic patients – Dr. Sudhanshu Kansal, N Delhi.
- "Floating Chest Drain" – Dr. Sujay Shad, N Delhi

Forthcoming Professional Development Programmes (Training/ Workshops etc.)

| Sl. No. | Title | Date | Sponsored/ Participation fee based(PFB) | Faculty/Dept. |
|---------|---|---------------------|---|--|
| 1. | Advances in Earthquake Engineering | Oct., 28- 29, 2011 | PFB | Dr. D R Sahoo, CE |
| 2. | Artificial Neural Networks in Seismic Contral of Structures | Nov., 4 - 5, 2011 | PFB | Dr. MM. Rao, CE |
| 3. | Tribology for ONGC Maintenance Engineers | Nov., 9 - 11, 2011 | ONGC, Vadodara | Dr. H Hirani, ME |
| 4. | Sensor Network & Web Enablement | Nov., 4 - 5, 2011 | DST, New Delhi | Prof. S Kar, EE Prof. S Chaudhury, EE |
| 5. | 10th Indo-German Winter Academy (IGWA-10) | Dec., 11 - 17, 2011 | Sponsored | Dr. Brajesh Lal, EE |
| 6. | Embedded Systems and Applications | February, 2012 | PFB | Prof. TC Kandpal, CES |
| 7. | Economics of Renewable Energy Based Power Generation | May, 2012 | PFB | Prof. AK Gosain, CE |
| 8. | 2012 International SWAT Conference | July, 16 - 17, 2012 | PFB | Prof. AK Gosain, CE |

Contact : kirtyroy@yahoo.com, uttamaswal@hotmail.com

Professional Candidates' Registration Programme

Applications are invited from qualified professionals working in industry and Research Organizations for a unique knowledge augmentation and skill enhancement programme at IIT Delhi. This involves a semester-long registration for a regular PG course. Course fees range from Rs. 15,000/- to Rs. 20,000/- (industry professionals) and Rs. 6000/- to Rs. 8000/- (academic/ government personnel) for a 42 hour lecture course. In the case of a few select courses, on-site course delivery using the two way video link systems can be considered. All major disciplines of Science and Engineering, and also relevant courses from the Humanities, Social Science and Management streams which are being conducted at IIT Delhi are covered.

Eligibility: Degree in Engineering or Masters Degree in Science, Management or any other Post Graduate Degree with relevant industry experience. The two semester sessions in the academic year start in the months of July and January ,the exact dates being notified in advance. Contact: uttamaswal@hotmail.com

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|---|-----------------------|
| TBIU Board | |
| Chairman, Prof R.K. Shevgaonkar, Director, IIT Delhi..... | Chairman (Ex-officio) |
| Prof. M.Balakrishnan, DD(F), IIT Delhi..... | Member (Ex-officio) |
| Prof. S.M. Ishtiaque, DD(A), IIT Delhi..... | Member (Ex-officio) |
| Prof. S.N. Singh, Dean (IRD), IIT Delhi..... | Member (Ex-officio) |
| Prof. D.T. Shahani, Chairman (C&W), IITD..... | Member (Ex-officio) |
| Mr. Ajai Chowdhry, Chairman, HCL Infosystems Ltd..... | Member |
| Mr. Mohit Goyal, Director, Knowcross Solutions..... | Member |
| Mr. Gopal Patwardhan, Chairman, Autoline Industries..... | Member |
| Dr. Anil Wali, MD, FITT..... | Convener |
| Prof. K.L. Chopra, Ex-Director, IIT Kharagpur..... | Special Invitee |



Foundation for Innovation and Technology Transfer
Indian Institute of Technology, Hauz Khas,
New Delhi-110 016
Phone: 91-11-26857762, 26581013, 26597164, 26597153
Fax: 91-11-26851169
Website: www.fitt-iitd.org

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Executive Associates

Editor: Anil Wali, anilwali@fitt.iitd.ac.in, mdffit@gmail.com