

FITT

TECHNO-PRENEURSHIP BULLETIN

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TBIU, the new images!



The expanded set-up of the Technology Business Incubation Unit (TBIU) at IIT Delhi is now operational.

"A man's worth is no greater than the worth of his ambitions"

- Marcus Aurelius Antoninus,
former Roman Emperor

Ed....

We have it now - a modern space (see left) that houses our Technology Business Incubation Unit (TBIU). More than the physicality, we take pride in offering to the budding techno-entrepreneurs an ambient ecosystem that nurtures new age businesses. Hand-holding, networking, managerial and material support etc are easily forthcoming for the truly innovative forays. We thus call all the innovative minds (even the fence sitters !) to spare a thought for that elusive idea that can shape a billion dollar technology venture. We shall not be found wanting in lending a hand. The national innovation ecosystem continues to inspire confidence.

Anil Wali

Congrats!

Mr. Ajai Chowdhry, a member of our TBIU Board is a recipient of Padma Bhushan, 2011

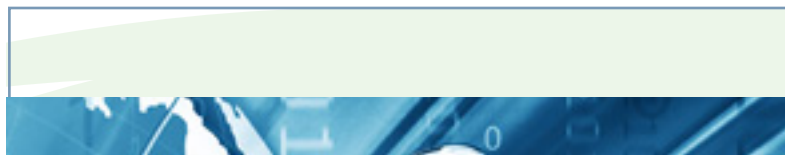
In Helping Power the Ideas .. FITT extends following support under approved Government Schemes:

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)



Currently Resident TBIU companies

.....opportunities towards B2B alliances, investment etc.

Contact: kirityroy@yahoo.com

Name of the Company	Technology Area
Simplyfeye Softwares Pvt. Ltd.	KM tool for process development and manufacturing of biopharmaceutical products
Sunurja Renewable Energy Pvt. Ltd.	Design & Development of renewable energy solutions including power electronics
Faros Technologies Pvt. Ltd.	Development of simulator sub components, simulators and providing simulation services
Innovative Transport Solutions Pvt. Ltd.	Technical solutions for traffic / transport systems and development of models for sustainable transport for cities
Global Motortech Pvt. Ltd.	Technology based products and services in motor design and analysis software
Gram Vaani Community Media	Building innovative models of media delivery for rural areas of India
Advantage Organic Naturals Technologies Pvt. Ltd.	Development of processes for use in making garments with wellness properties
Shalya Medical Technologies India Pvt. Ltd.	Design and development of medical implants
Innovative Mechatronics Systems Pvt. Ltd.	Design, development and manufacture of micromachining system
Yonyx Infomedia Pvt. Ltd.	Teacher replication platform to package instructions with predicted student instructions
Genesis Location Services Pvt. Ltd.	Biometric sample collector and transmitter unit
Novo Informatics Pvt. Ltd.	Scientific software application products/tools for research community in generating lead molecule

Forthcoming Professional Development Programmes :

Sl. No.	Title	Date	Mode	Faculty/Dept.
1.	Short course on "Economics of Renewable Energy Based Power Generation"	May 25 - 27, 2011	Participation based	Prof. Tara C. Kandpal, CES
2.	Short course on "Advances in Earthquake Engineering"	October 28 - 29, 2011	-Do-	Dr. Dipti Ranjan Sahoo, CE.
3.	One-day course in Sustainable and Green ICR - to be held as a activity under the "Completion of 10 years"	May 20, 2011	Bharti School, IIT, Delhi	Prof. Subrat Kar, EE
4.	Course on "Embedded Linux on Micro-blaze Processor" as Bharti School Activity	June 19 - 26, 2011	Bharti School, IIT, Delhi	Prof. Subrat Kar, EE

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The Business of Ingenuity

— Innovating low-cost products for actual use can work wonders for the bottom of the pyramid market. Mitticool is built with clay, ingeniously designed by Mansukhlal Raghavjibhai Prajapati, the son of a potter in rural Gujarat, using the same principle of cooling through evaporation that a surahi uses. He has also created a clay water-filter with a 0.9 micron candle (which costs Rs 400), a clay pressure cooker (Rs 350) and a non-stick tawa (Rs 100). And on April 1, he will launch a tandoori roti maker for Rs 250, so that we needn't depend on the local dhaba for our occasional fix. All his products are targeted at the underprivileged with aspirations — the original untapped “bottom of the pyramid” market that C K Prahalad introduced to the popular lexicon..... *Jyoti Pande Lavakare, The Business Standard, March 26, 2011*

Innovation is now a Thriving Business

— Indian innovators are morphing into entrepreneurs. Imagine a jacket that keeps you cool in the coming summer. Or a roof made of recycled tetrapacks. Or using electricity generated by a micro wind turbine on your rooftop. No, these aren't ideas in the air. These are products in the market by Indian innovators. They are testimony to a trend that has not shown up on any radar yet — that Indian innovators are morphing into entrepreneurs..... *K Jaiswal, The Economic Times March 26, 2011*

Asia Emerging Global Biotechnology Hub

— In the biggest M&A deal in the biotech space in Asia last year, Japan's Astellas Pharma snapped up OSI Pharmaceuticals, USA, for \$4 billion in June 2010. This was followed by the acquisition of Wuxi Pharmatech, China, by Charles River Laboratories for \$1.6 billion and the buy-out of Metahelix by Rallis of India for \$46 million. These deals are clear pointers that Asia, led by China and India, is on its way to becoming a global biotechnology hub. “Once considered to be the exclusive domain of the US and Europe, Asia has now emerged as a centre for research and development activity and is now a strategic partner of choice in the biotechnology space *Amit Mitra, Business Line, Feb. 23, 2011*

FITT – Corporate Membership

FITT invites the industry / industry associations / R&D organisations and financial institutions to become corporate members of FITT at a nominal 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



Mansukhlal Raghavjibhai Prajapati with his innovation 'Mitticool'

Microsoft to help IT Startups in India

— Microsoft Corporation has decided to roll out an overall grant of \$100,000 for IT startups in India, which are in the product space and specialise in IP creation. The initiative will be launched in mid-April and is aimed at strengthening the entrepreneurial ecosystem in the country. *A Ghosal, ET Bureau, March 30, 2011*

TutorVista promoter sets goal to create \$1 billion brand

— After Pearson Plc. announced buying majority stake in it – valuing the co at \$230 m. K Ganesh. has founded three companies prior to TutorVista. His first, IT&T Ltd, a hardware maintenance firm, was acquired by iGate Corp. in 2000; Customer Asset was sold to ICICI OneSource (now FirstSource) in 2002; and Marketics Technologies India Pvt. Ltd, a company he mentored and invested in, was bought by WNS (Holdings) Ltd in 2007..... *Venkatesha N. Babu & Sridhar Chari, Livemint*

New project proposals approved by DSIR for TePP support at FITT

- Development of Biomedical Engineering Application Toolkit (BEAT) and Development of Steth, Stress ECG, Smart Bed, Blood Coagulometer & Radial Pulse Recorder: (Innovator: Mr. Abhinav)
- A damper controlled above knee prosthesis: (Innovator: Dr. Manoj Soni)
- CNC Magnetorheological Finishing Machine: (Innovator: Dr. Sunil Jha)
- Belt System for Body Support; (Innovator: Mr. Ganesh Ram Jangir)
- Backhoe Simulator; (Innovator: Mr. Ravi Kapoor)
- Electric Assisted Hydraulic Rickshaw; (Innovator: Mr. M. Siddharth Shekhar)
- Interactive Surfaces – Multi Touch Walls and Table: (Innovator: Mr. Sachidanand Swami)

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Innovation Successes—

BioRazor - The TePP Success through FITT

Rural Portable Health Analyzer – ‘Accurate All’ that has caught the market interest and won appreciation from various quarters has resulted from the initial TePP supported innovation in the form of Portable Smart Blood Analyzer (multi-parametric analysis) that has an accuracy matching the fully automated analyzer. It is a rugged, self-calibrating and maintenance-free medical diagnostic. We expect a huge impact in the market place.



Gram Vaani, a 2009 TBIU incubatee at IIT Delhi, was listed among the top-10 innovative Indian companies by FastCompany, one of the world's leading business media brands. Gram Vaani shared the list with others like - Tata Motors for invention of the Nano, Shadi.com for

its innovative match-making portal, HarVa for bringing BPOs to rural areas, and several others. Gram Vaani began its operations in 2009 and pioneered a novel automation system for community radio stations in rural areas. GRINS (Gramin Radio Inter Networking System) helps community radio stations engage effectively with their audience, manage their local content, and share content with other stations. Gram Vaani has recently also forayed into phone-based applications to run community outreach helplines, surveys, and reporting services. The unifying theme in all these innovations is to bring the power of social media such as Facebook and Twitter, to the bottom of the pyramid using mobile phones, radio, and video as low-cost and mass outreach mechanisms. Gram Vaani was founded in 2009 by Aaditeshwar Seth from University of Waterloo/IIT Kanpur, Mayank Shivam from McKinsey/IIM Lucknow/IIT Kanpur, Balachandran C. from Waterloo/IIT Allahabad, and Zahir Koradia from IIT Bombay/IIT Kanpur.

LeadInvent Technologies Pvt. Ltd. a TBIU spin-out was awarded the Asia Pacific Emerging Company of the Year Award 2011 by Biospectrum on 16 March, 2011. The company was chosen for the innovative work with high potential impact in the area of Tuberculosis. The award function was hosted by Biospectrum at Singapore and was attended by companies from Australia, Taiwan, Malaysia, Singapore and India.



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

TBIU Board

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Dr. Anil Wali, MD, FITT.....	Convener
Prof. K.L. Chopra, Ex-Director, IIT Kharagpur.....	Special Invitee



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