

FITT

TECHNO-PRENEURSHIP BULLETIN

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"Haryana grants IIT-Delhi 50 acres of land for extension of research campus "

The Indian Institute of Technology, Delhi has been given possession of a 50-acre plot of land at the Rajiv Gandhi Educational City in Sonapat by the Government of Haryana. Senior officials from IIT Delhi and FITT including Prof. R K Shevgaonkar, the Institute Director, have visited the site and the Institute has taken possession of the plot.

The site will be developed as an extension of the IIT-Delhi campus and will include a Science and Technology Park, a faculty development centre and a "high performance" computing centre.

Although the campus is an infrastructural expansion of the Delhi-based institute, its development is expected to be funded by, inter alia, the Ministry of Human Resource Development.

"The Entrepreneurial Journey: Kanwal Rekhi"



Entrepreneurship development program at IIT- Delhi

Towards encouraging entrepreneurship at the Institute, an interactive session between budding entrepreneurs of IIT Delhi and Mr. Kanwal Rekhi was organized (by EDC and FITT) on November 1, 2012 at the Institute.

Being a veteran entrepreneur himself, Mr. Rekhi who also distinguishes as the first Indian-American founder of NASDAQ and co-founder of TIE and Inventus, enlightened the participants during the session drawing on his tremendous entrepreneurial experience. Mr. Rekhi also visited the TBIU where the start-ups hugely benefited from his advice.

FITT – Corporate Membership

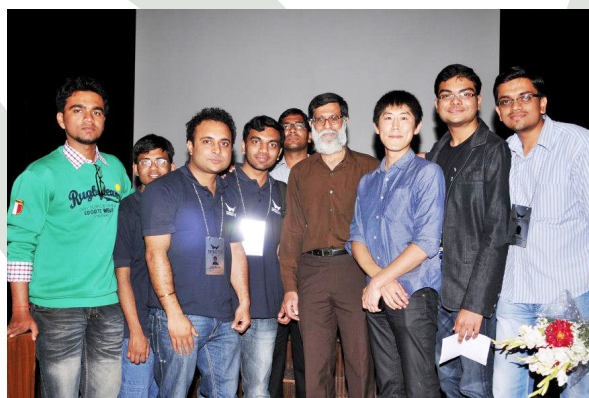
FITT invites the industry / industry associations / R&D organisations and financial institutions to become corporate members of FITT at a nominal annual fee. A corporate member client can participate in technology transfer and joint R&D programmes of the Institute on a priority basis with FITT providing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

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" I'm convinced that about half of what separates the successful entrepreneurs from the non-successful ones is pure perseverance..... "

*- Steve Jobs,
Inventor and Entrepreneur*

"Tryst- 2013... The Technical Extravaganza"



Dr. Kazutaka Kurihara and Dr. Chittaranjan Andrade at Tryst-2013

The technical fest of IIT Delhi which took off in the first week of March saw participation of students, teachers and many



Jeff Lieberman during the Tech-fest, March 3, 2013

eminent personalities. The programs were witness to an array of spectacular events, lectures, workshops, seminars and exhibitions. While commemorating the "Weird, wacky and wild", Tryst-2013 threw up several inventive works and conceptual ideas that were straight out of the mind box.

The brainstorming lecture series were delivered by thinkers and innovators like Dr. Kazutaka Kurihara, Ig Nobel Prize Winner, Acoustics 2012; Jeff Lieberman musician cum roboticist, host of Time Wrap at Discovery Channel; Dr. Chittaranjan Andrade, Ig- Nobel Prize for Public Health and many other personalities.

"Launch of ICICI-Trinity Program April 2, 2013 at IIT Delhi"



Welcome note address by Prof SN Singh, DD (O)

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 at 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 here:

Faros Technologies www.farostech.com	PLANiN Innovation and Consultancy Pvt Ltd (Suite of innovative products)
Gram Vanni Community Media www.gramvaani.org	Knowlez Flow Pvt Ltd (Internet based software for creating learning systems)
Silver Knight Technologies http://www.silverknighttech.com	Wrig Nano- Systems Pvt Ltd (Advanced Blood Haemoglobin Testing POCT)
Simplefeye Softwares www.simplyfeye.com	Innovative Mechatronix Systems (Design, Development and manufacture of Micromachining system)
Genesis Location Services http://www.ennatura.com/	Carbon Neutral Technologies Pvt. Ltd. (an alternate manufacturing process for isoprene-a key industrial input at an economical cost)
Novo-Informatics http://www.novoinformatics.com/	Kentellus Welding & Manufacturing Pvt Ltd (New Technology for manufacturing welding electrodes)

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

TBIU Newsbytes

Innovative products from PLANiN Innovation and Consultancy Pvt Ltd

PLANiN is presently working on an indoor air conditioning system with ultralow energy consumption, ideal for North Indian climate. It has also developed a unique white board cleaner with higher efficiency and superior design but at a lower cost. Here, magnetic and non magnetic version can be used for both blackboards and white boards simultaneously. The cleaning cartridge is rechargeable.

Innovations from Genesis

- On-Board Attendance for School Children and BPO Employees with GPS tracking of their vehicles.
- Smart Sub-Station Monitoring system has been developed for Electrical Distribution companies. It can monitor the Real Time Parameters of Transformer, RMU as well as Remote Data collection from Meters using GPRS technology.
- Genesis has also brought out a Wireless connectivity option from RTU to SCADA using transparent channel modem for Electricity Transmission Companies.

New product branding from Gram Vanni Community

- Mobile Vaani Goonj: India's first social media network for rural areas, which is entirely voice based, accessible from any mobile phone and allows the community participants to create and share content with each other.
- vAutomate: This vAutomate suite of applications enables non-profits and corporates with large field forces to manage their operations.
- GRINS- Gramin Radio Inter Networking System: This is the first community radio automation system that seamlessly enables interactive programming through its integration of broadcast with telephony and SMS. At extremely low costs it enables community radio stations to manage content, make and receive phone calls, put calls live on air, run SMS polls, and much more.

Recognitions

India's 2013 TR35: Top Innovators Under 35

Mr. Ambar Srivastava (Wrig Nanosystems Pvt Ltd) 28, has been conferred with the India's 2013 TR35: Top Innovators Under 35 by MIT Technology Review India for a patent pending technology in hemoglobinometry which not only resolves an age old problem of specificity, but also provides a handy and convenient tool for measuring hemoglobin level in blood at the point of care.

BioSpectrum award winner Novo Informatics brings speed to drug discovery

BioSpectrum Asia Pacific Emerging Company of the Year 2013: Novo Informatics, India provides consultancy to a number of domestic and international clients in drug discovery. It is also set to launch its own product in 2014. Novo Informatics is the brainchild of a group of students and researchers from the Indian Institute of Technology (IIT), Delhi, a premier academic institution in India. Mr Sahil Kapoor, Mr Avinash Kumar, Mr Shashank Shekhar and Professor B Jayaram pooled in funds to establish the company drawing on the in-house technologies of IIT-Delhi to discover lead drug molecules against targets.Source: BioSpectrum, March 15, 2013

New science policy to trigger ecosystem for innovation

Prime Minister of India Manmohan Singh on Thursday unveiled the country's new Science, Technology and Innovation policy at the inaugural session of the Centenary Celebrations of the Indian Science Congress.

"The Science, Technology and Innovation Policy 2013 released here today aspires to position India among the top five global scientific powers by the year 2020. It is an ambitious goal. It aims to produce and nurture talent in science, to stimulate research in our universities, to develop young leaders in the field of science, to reward performance, to create a policy environment for greater private sector participation in research and innovation and to forge international alliances and collaborations to meet the national agenda," the PM said... Source: Business Line, January 3, 2013

Innovation cannot be inclusive: Ashoak Upadhyay

In a refreshing departure from the Western practice of judging innovative capacities by reference to patent filings, research publication and citations, R. A. Mashelkar has been arguing for an alternative and more radical standard of evaluation. This has the merit of placing innovation within the context of a society's needs and aspirations... Source: Business Line, January 3, 2013

Emerging Technology Trends of the New Year

Entertainment, education, monetary transactions, visual effects even homes are set to turn smarter this year on the back of galloping technological innovations.

The world is getting increasingly influenced by technology and how people interact with it in their day-to-day lives. All the same, technology itself keeps changing, evolving and throwing up ever-newer possibilities... Source: The Economic Times, February 4, 2013

Indian technology companies sharpen focus on patents

India's software exporters are trying to transform themselves from extravagantly staffed body shops doing grunt work by stepping up their intellectual property (IP) efforts as well as taking advantage of the opportunities that trends and technologies such as social media, mobiles and cloud

computing offer..... Source: live mint, February 11, 2013

Opportunities in analytics-led innovation

Big data and analytics have now become buzzwords. As business is transforming rapidly and data in the world is doubling every year, analytics and data-driven decision-making is being seen as a necessary skill that all organizations need to develop to compete effectively. In most Fortune 500 and Fortune 1000 organizations, there is already some sort of an endeavour under way to use analytics across different functions such as sales, marketing, supply chain and risk.....Source: live mint, February 19, 2013

Women entrepreneurs still trail their male counterparts: Report

Globally, 44 per cent of HNW women and 49 per cent of HNW men classify themselves as business owners. It also shows that the gender pay gap is wider for non-entrepreneurs compared to entrepreneurs. Non-entrepreneur women earn significantly more than non-entrepreneur men, while male entrepreneurs make slightly more than their female counterparts, it shows... Source: The Economic Times, March 8, 2013

For tech innovators, internationalisation is key to survival

Not many Indian companies have the technological capabilities to pursue technological innovation. But, for the few that do, like Praj and HHV, it is increasingly clear that though the Indian market appears large in size, it doesn't always provide a conducive environment for technological innovation on a sustainable scale. This has been the experience of high technology companies in other sectors as well, such as Patel Brass Works, the bearing manufacturer from Rajkot, and Indo-US Mim Tec, the Bangalore-based manufacturer of metal injection moulded components... Source: Business Line, Weekend Life, March 8, 2013

Women entrepreneurs aren't always thinking about profit: Rajshree Pathy

Women entrepreneurs aren't always thinking about profit. We think about environment, welfare and sustainability more than men do..... Source: The Economic Times, March 15, 2013

Forthcoming Professional Development Programmes

Sl. No.	Title	Date	Sponsored/ Participation fees based	Faculty/Dept.
1.	Training on SWEDEE Software	April 13, 2013	Chanab Bridge Project Undertaking	Prof KG Sharma, CE
2.	Training workshop on GIS & SWAT	April 29- May 3, 2013	Irrigation Design & Research Board (IDRB),	Prof. P. K. Jain, DMS
3.	Polymer Materials and Processing- PVC Technology & Knowledge Management	May-October, 2013	DCM SRIRAM Consolidated Limited, Gurgaon	Prof. T. C. Kandpal, CES
4.	Short Course on Economics and Financing of Renewable Energy Technologies	July 24- 27, 2013	Participation fees based	Prof. D. K. Sharma, CES
5.	IEEE- International Microwave & RF Conference	December 14-16, 2013	Participation fees based	Prof SK Koul, CARE
6.	SERC School cum-Symposium on Rheology of Complex Fluids-2013	December 16-18, 2013	Participation fees based	Prof SK Pattanayek, Prof VV Buwa, Chemical Engg.

INNOVATION CONTEST AND WORKSHOP AT IIT DELHI



Students' Innovation Contest- October 31, 2012



Telescope making workshop- Tryst-2013

Professional Candidate Registration Programme

Applications are invited from qualified professionals working in industry and research organizations for a unique knowledge augmentation and skill enhancement at IIT Delhi. This involves a semester-long registration for a regular PG course. Course fees ranges from Rs. 15,000/- to Rs. 20,000/- (industry professionals) and Rs. 6,000/- to Rs. 8,000/- (academic / government personnel) for a 42 hour lecture course. In case of a few selected courses, on-site course delivery using the two way audio-video link can be considered. All major disciplines of Science and Engineering, and also relevant courses from Humanities, Social Sciences and Management streams which are being conducted at IIT Delhi are covered. The course details can be downloaded from the FITT website: www.fitt-iitd.org.

Eligibility: Degree in Engineering or Master Degree in Science, Management or any other Post Graduate Degree with relevant industry experience. The two semester sessions in the academic year starts in the month of July and January, the exact dates being notified in advance.

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Grantees under the BIG Scheme

Under the Biotechnology Ignition Grant scheme of BIRAC where FITT is a partner, the following entities have been sanctioned grants during the first call for proposals:

1. Novo Informatics Pvt Ltd: *Study, Design and Development of Hit Molecules for Type II Diabetes*
2. GM Biotech: *Development of Diagnostic Reagents for Acute Myocardial Infraction*
3. Nanosniff Technologies Pvt Ltd : *Rapid Detection of Acute Myocardial Infraction by sensing Cardiac Markers using Micro Cantilever Technology*
4. Dr J Karve: *Intraosseous Device*



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