



VIT - TBI

Vellore Institute of Technology

Deemed University

VELLORE - 632 014, TAMIL NADU, INDIA.

www.vittbi.com

Technology Business Incubator

(Sponsored by NSTEDB, Dept. of Science & Technology,

Govt. of India, New Delhi)

Vellore - 632 014, Tamil Nadu, India.

VIT - TBI NEWS

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VOLUME NO : 1

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A great place to build Technology Enterprises !



Message

Technology Business Incubation has emerged as an effective instrument to promote knowledge based technology driven enterprises. The institutions of higher learning, where the knowledge, ideas and innovations are generated have either already

established the mechanisms for converting this critical resource into successful startup ventures or are in the process of doing so. These academic institutions are now playing an increasingly important role in economic development as they use their technology assets to spin off new companies. The process of incubation is being used to meet a variety of needs, from fostering commercialization of university technologies to increasing employment in the economically weaker sections to serving as a high-growth high-return investment mechanism. In the Indian context all these needs are critical and to that extent task is more complex and challenging for our Incubators.

Vellore Institute of Technology, Vellore took up this challenge about 2 years back to establish a Technology Business Incubator (TBI) and is now emerging as one of the successful TBIs of the country. The interesting feature of this incubator is the availability of knowledge resources across technology disciplines, business support services, space and its ability to provide seed support finance to technology startup.

I take this opportunity to convey the best wishes of the National Science & Technology Entrepreneurship Development Board for the success of the VIT- TBI.

H.K. Mittal

Adviser DST & Head NSTEDB

Dear Stakeholders,

Welcome to the first edition of the 'Vellore Institute of Technology-Technology Business Incubator' (VITTBI) newsletter.



Our VITTBI is in the third year of operation and we are grateful to the NSTEDB division of Department of Science & Technology, Govt. of India for their unstinting support.

The VITTBI's mission is to create a high-tech business ecosystem in the geographical region of VIT's location for development of knowledge based high technology start up companies by being a focal point and catalyst agency for promotion of Entrepreneurship and generation of technology based businesses.

We have begun to achieve our objectives through partnerships with Academia, Researchers, Entrepreneurs, technology-based businesses and all the agencies that are crucial for the Startup companies.

We have built two cutting-edge product Innovation centres and research facilities in the Auto component and Biotechnology thrust areas and the VITTBI is designed to foster technology-based entrepreneurship in the region.

Apart from nurturing entrepreneurs, VITTBI also offers several types of value added services to a number of Industries and also runs Technology Entrepreneurship Training for the benefit of students of VIT.

We hope you will find this newsletter informative and encourage you to contact us for any of your requirements.

We look forward to continued progress and appreciate your involvement and support.

G.Viswanathan
Chancellor



VIT - A place to learn ; A chance to grow

INAUGURATION OF TBI



The formal inauguration of the VIT-TBI was held on 6th March 2005. **Honourable Shri Kapil Sibal**, Union Minister of State for Science and Technology inaugurated the TBI in the presence of **Prof. V. S. Ramamurthy**, Secretary, Department of Science & Technology (DST) and **Mr. H. K. Mittal**, Advisor & Head, NSTEDB Division of DST. **Chancellor Mr. G. Viswanathan** presided over the function. **Mr. Sankar Viswanathan**, Pro-Chancellor (Academic), **Mr. G. V. Sampath**, Pro-Chancellor (Administration) and **Prof. P. Radhakrishnan**, Vice Chancellor, also participated in the function.



The Honourable Minister, in his inaugural address, said many of the western countries were vying with each other to utilise the best combination of low-cost economy and the abundantly available high-skilled human resources in India, since they could cut down their production costs to up to one fourth, compared with the western countries. "This kind of outsourcing helps our talented entrepreneurs to go up the value chain, he said, adding that the table has to be turned and we need to be producers and the western countries, the consumers of our innovations.

SEED FUND

In recognition of the exemplary functioning of VIT-TBI, the minister announced, amidst cheer, that the VIT-TBI has been selected as one of the few model TBIs that have been given a grant of Rs. 1 Crore as a seed-fund grant. This grant, he mentioned would be useful to meet the initial funding needs of the entrepreneurs of VIT-TBI. The Technology Development Board of DST under the recommendations from National Science and Technology Entrepreneurship Development Board (NSTEDB), has formulated this scheme.

Subsequent to this announcement and after consultation with Technology Development Board, VIT-TBI has formed a project monitoring committee to implement the scheme and to develop this Grant assistance into an Incubation Fund. The committee will vet proposals received, monitor the funded projects and advise on the contractual requirements.

The members of Project Monitoring Committee are:

Mr. G. V. Sampath,
Pro-Chancellor (Administration), VIT, Vellore
Prof. P. Radhakrishnan,
Vice Chancellor, VIT, Vellore
Dr. S. Narayanan,
Dean- School of Mechanical and Building Sciences,
VIT, Vellore
Mr. K. S. Keerthivasan,
Sr. Dy. General Manager, BHEL, Ranipet
Mr. D. Bhuthalingam,
DGM & Circle Head, Indian Bank, Vellore
Mr. A. Mahesh,
Chartered Accountant, V.S. Athmanathan & Co, Vellore
Mr. T. S. Udayasankar,
Technical Director, Samco Metals and Alloys, Kaniyambadi, Vellore
Mr. K. Ponnuswamy,
Managing Partner, Indira Industries, Ranipet
Mr. A. Balachandran,
Manager VIT-TB, Vellore.

PROMOTING ENTREPRENEURSHIP

TECHNOLOGY ENTREPRENEURSHIP TRAINING

Last year, VIT-TBI launched a Technology Entrepreneurship Training Programme in the campus. The programme was launched to provide competencies specific to entrepreneurial actions among the students of VIT to become entrepreneurs. Intensive coaching was given to the participants in the areas of basics of business and entrepreneurship, opportunity identification, marketing, accounting, finance, environmental scanning, documents and procedures (business plan and techniques for project evaluation), Project Management and soft skills. Nine students have benefited through the program in the first batch.



Some of the participants are working on their business plans and **Mr. Paramdeep Singh**, a final year student of Mechanical Engineering who has completed this programme has decided to set up a firm in food processing sector. VIT-TBI will provide him business incubation support for the project. More students have evinced interest in this scheme and a second batch was announced in the last month and twelve students have joined, and the sessions have commenced.



PROJECTS UNDER INCUBATION

Brief profiles of the projects under Incubation at VIT-TBI are:

Project title	Company / Entrepreneur
1. IT enabled technology development for e-governance applications	<i>Objective Solutions and Technologies</i> , Mr. S. Balaraman , Bangalore
2. Manufacture of mill board (development of process to improve stiffness and polish of the board)	<i>Sri Surabi Industries</i> , Mr. R. Vezhavendhan , Karnampet, Vellore District
3. Manufacture of fruit juices (development of technology to improve taste and shelf life)	<i>Vellore Fruit Beverages</i> , Mr. Haidar Shaik Zakir Gandhi Nagar, Vellore
4. Production of "Anti-Oxidant". – Gallic Acid	Mr. S. Karthikeyan , Lecturer, Dept., of Biotechnology, VIT, Vellore.
5. IT enabling technology development	<i>Icon Infotech</i> , Mr. L. Umashankar , Vellore
6. Development of hydrogen as a fuel for automotive application.	Mr. R. Natarajan , Consultant, VIT, Vellore
7. Manufacture of industrial carbon from organic raw materials	<i>Deekshana coir multiplex Industries</i> , Mr. P. Venkatesh , Tirupathur
8. Injection moulding of precision engineering products (Design, Development & Production)	<i>Horizon</i> , Mr. J. Sreedharan , Chennai
9. Precision CNC machining and product development Services	<i>Vellore Fine Products</i> , Mr. A. Janakiraman , Vellore



ENTREPRENEURSHIP AWARENESS PROGRAM

VIT-TBI conducts Entrepreneurship Awareness Camp every year to motivate students to become entrepreneurs. Faculty members of VIT, bank officials, govt. officers and some successful entrepreneurs guide the participants on various aspects of entrepreneurship

PRE INCUBATION PROGRAM

VIT-TBI provides Pre-Incubation training and counseling support to students and others who have a research bent of mind which resulted in three students filing application for patents.

Analytical Instrumentation Training:-

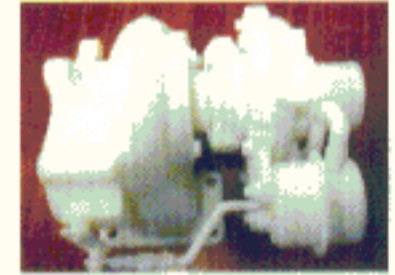
To encourage students and faculty members to enter into research in bio-tech, chemical and environment disciplines, VIT-TBI is regularly offering short term training in "Analytical Instrumentation". This is a skill-based training using modern facilities available in the **Product Innovation Centre** of VIT-TBI. So far more than 100 participants have derived benefits out of this initiative.

SPECIALISED SERVICES TO THE INDUSTRY

Apart from providing assistance to the incubatees, VIT-TBI serves many industries by way of specialized services using the TBI infrastructure and equipment. This not only generates income for self-sustenance of TBI but also helps TBI to network with Industries who could be of vital help to the incubatees.

RAPID PROTOTYPING SERVICE

- Lucas TVS, Chennai
- Central Institute of Plastic Engineering Technology, Chennai
- Delphi TVS Diesel Systems Ltd., Chennai
- EID Parry (India) Ltd.,
- Honeywell Technology Solutions, Bangalore
- Funskool, Chennai
- Maruthi Associates, Coimbatore
- Mitsuba Sical India Ltd., Bangalore
- Motor Industries Company Ltd., Bangalore
- Novar India Limited, Chennai
- Royal Enfield Motors, Chennai
- Shipara Technologies Ltd., Bangalore
- Southern Agro Engine Pvt., Ltd., Chennai
- Sundaram Clayton, Chennai
- Tata Auto Plastics Systems Ltd., Pune
- Turbo Energy Ltd., Chennai
- TVS Electronics, Chennai
- Visteon Automotive Systems India Ltd., Chennai
- Whirlpool of India Ltd., Pondicherry
- Larson & Turbo Ltd., Mysore
- Dynamatic Technologies Ltd., Kanchipuram
- Haritha Seating System Ltd., Hosur
- Greaves Cotton Ltd., Ranipet
- Sundaram Fasteners Ltd., Chennai



PRECISION INSPECTION USING CO-ORDINATE MACHINING MACHINE (CMM)

- NTTF, Vellore
- G.K. Engineering, Vellore
- The Vellore Wire Cut, Vellore
- Dhanalakshmi Engineering Works, Vellore



ANALYTICAL INSTRUMENTATION FACILITY

- Ranbaxy Research Lab, Gurgaon
- Thirumalai Chemicals, Ranipet
- Arjun Chemicals Pvt., Ltd., Ranipet
- Ultramarine & Pigments Ltd., Ranipet
- Snap Natural & Alginate Products Ltd., Ranipet
- Nikitha Agro Industries, Chennai
- M/s K. Sivaram & Bros., Virudhunagar

EVENTS CORNER



Signing of Agreement to secure seed funding grant from Technology Development Board, DST, New Delhi on 16th September, 2005



Fifth Advisory Committee Meeting of VIT-TBI on 24th September, 2005

Mail your views to

The Editor – VIT-TBI NEWS

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