



INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE

Funded by,

Department of Science and Technology, New Delhi

Annual Report

Year 2010-11



Bharatiya Vidya Bhavan's

SARDAR PATEL INSTITUTE OF TECHNOLOGY

Bhavans College Campus, Munshi Nagar, Andheri(W) Mumbai 400058



Entrepreneurship Activity of year 2010-11

1 Faculty Training

IEDC faculty K.T.Talele, Radha S, Sukanya Kulkarni attended courses organized by NEN at Pune and Banglore. The details of courses are as follows.

1.1 NEN Campus Development Course On Kick Starting the Entrepreneurial Campus–

Organised by NEN at Symbiosis Institute of Management Pune

Course was conducted by Prof. Vasanti from NEN and Prof. Deepak Roy from Symbiosis Institute of Management Pune.

Participants- K.T.Talele, Radha S, Sukanya Kulkarni

Date- 1-3 July 2010

1.2 Campus Entrepreneurship Essentials – “ Program Acceleration Way Forward”

Organized by NEN at Sardar Patel Institute Of Technology Mumbai

Course was conducted by Mr. Raj Bhat from NEN

Participants- K.T.Talele, Radha S, Sukanya Kulkarni

Date- 13 January 2011

1.3 Mentor Development Course- Kick-Starting Ventures

Organized by NEN at Wellinkar’s Institute Of Management Bangalore

Course was conducted by John Mullin from London Business School and Murray B. Low from Columbia Business School

Participants- K.T.Talele

Date- 18-21 January 2011



2. Seminar/Workshop

Activities of IEDC include Seminar, Workshop, Exhibition, Competition, Presentation etc. Training sessions were jointly conducted by internal faculty of S.P.I.T and external faculty.

The details of Activities of year 2010 are as follows:-

2.1 Seminar on Entrepreneurship

The seminar was conducted by K.T.Talele, Radha S. and Sukanya Kulkarni in five classes of undergraduate program in Engineering in August 2010.

No of participants = 300+ students of SPIT

The aim of the seminar was to motivate the students to start their own ventures after engineering graduation.

2.2. Workshop on Idea Generation

The Idea Generation Workshop was conducted by K.T.Talele, Radha S. and Sukanya Kulkarni in conference room at SPIT.

Date- 30th September 2010

No. of students- 57

Duration- 3hours

The interactive workshop focused on Idea generation by brain storming and group consensus techniques. The groups were formed and asked to elaborate ideas and were evaluated on the ideas proposed by students.

2.3. Workshop on Opportunity Evaluation

The Opportunity Evaluation Workshop was conducted by K. T. Talele, Radha S. and Sukanya Kulkarni in conference room at SPIT.

No of Sessions: 3

No. of students- 20 in each session

Duration- 2 hours per session.

The interactive workshop focused on opportunity evaluation by question and answer session.



2.4 Impetus: A Business Planning and Training Workshop

A Business Planning and Training workshop conducted by NEN Mentor –Mr. Raj Bhat.

Duration- 2 days. Sept 18 & 19, 2010

No. of Participants- 20 students from SPIT and 10 students from other Institutes.

Impetus is a certification course under **NEN (National Entrepreneurship Network)** where students were briefed about Finance, HR, Marketing.

At the end of this course students were ready with a business plan.

2.5. Entrepreneurship Awareness Drive – IIT Kharagpur

Entrepreneurship awareness drive was conducted by SPIT in collaboration with IIT Kharagpur where guest lectures were delivered by the following eminent entrepreneurs, **Shaheen Mistri and Arvind**.

Date – 14th October 2010

No. of Participants- 250+ Students from various colleges around Mumbai

Duration- 3 hours

Shaheen Mistri is an Indian social activist and founder of the Akanksha Foundation and CEO of Teach for India.

She is an eminent social entrepreneur who has won worldwide acclaim for her unflinching efforts towards betterment of the underprivileged children.

She was invited to the Presidential Summit on Entrepreneurship held by Barack Obama for connecting Muslim entrepreneurs across the world.

She is also on the boards of Ummeed, The Thermax Social Initiatives Foundation and is an advisor to the Latika Roy Foundation.

Arvind is the founder of Atherstone Investor Communications Limited (AICL), and has worked for over 7 years in the field of investor communications. He is presently one of India's foremost practitioners of stakeholder-centric communication, having worked with over a hundred client companies to help them communicate their business objectives.

Date – 14th October 2010

No. of Participants- 250+ Students from various colleges around Mumbai

Duration- 3 hours



2.6 Workshop on Business Plan

The workshop was conducted at SPIT college for DST funded IEDC project students.

Module 1: Feasibility Analysis by K. T. Talele and Radha S.

Date: 25th Jan 2011

No of participants: 14

Duration: 3 Hours

Module 2: Product Analysis and Making Business Plan by Radha S. Sukanya Kulkarni and Mrs Aparna Rao, Associate Prof from Chetana Institute of Management.

Date: 27th Jan 2011

No of participants: 10

Duration: 3 Hours

Module 3: Evaluating Business plan by Prof. K.T.Talele , Radha S. from S.P.I.T and Mrs Aparna Rao & Ravindra Singh Associate Professors from Chetana Institute of Management.

Date: 21st March 2011

No of participants: 10

Duration: 2 Hours

2.7 Seminar on Earn while you Learn by Prof Dr. T. Prasad (Dr Mandi)

Seminar was conducted by Prof Dr. T. Prasad (Dr Mandi) from NITIE on ‘The opportunities for students to earn while they are on campus’. Two student entrepreneurs from IIT Mumbai and NITIE, Mumbai shared their experience.

Date: 19th February 2011

No of participants: 250+

Duration: 2 Hours



2.8 Workshop on Entrepreneurship startup

Module 1: Formation of Company

K. T. Talele and Radha S. conducted seminar on Company registration process, Website Design, Brochure Design, Product Demo. and IPR Registration.

Date: 17th March 2011

No of participants: 35

Duration: 2 Hours

Module 2: Formation of Company or Partnership firm

Mr Vicky Jain, Director, Convergence Services Pvt Ltd, a budding entrepreneur delivered the talk on formation of company, the modalities, fund generation for DST funded projects students.

Date: 25th March 2011

No of participants: 15

Duration: 2 Hours

2.9 ISBA Conference and Exhibition

IEDC participated in ISBA 2011 conference and exhibition at Ahmadabad during March 6 to 8, 2011. Prof. Dr Deven Shah IT Dept, Prof. D.D.Ambavade EXTC Dept. and Prof Nikhil Khekade, IT Dept. participated and demonstrated their product Virtual Computing Lab using Cloud Computing in ISBA exhibition.

Track-1 of conference mainly focused on basic problems in running Technology Business Incubation Centre, Sources of funding, IPR issues etc. Prof. K.T.Talele attended the conference.



2.10 Project Idea Competition

Project idea competition was announced for third year students of Computer, IT, Electronics and EXTC Engineering and second year students of MCA. Total 90+ project ideas were received.

First round of selection was at Department level. Each Department conducted interviews with the project students and short listed 10 project ideas for second round of selection. MCA department selected 3 project ideas.

Second round of selection was at IEDC centre. Three independent entrepreneurs from the Mumbai City were invited for the selection of projects.

Selection Committee Members:

1. **Mr Saillesh Jadhav** is a Director of Chips and Bytes Solution (India) Private Limited, Mumbai 400 004, India.
2. **Mr. Ashok Jagtia** is a Head of Acevin Group, Andheri(E). Prior to founding Acevin, he was one of the founding members of startup OSS India, an offshore Design Centre of OSS Corporation based in USA.
3. **Mr. Ajay M. Varade** is a Director of AV Instrumentation Private Limited, Bhandup, Mumbai-78.

All 43 projects were presented by each group. Based on Concept, Technical Feasibility, Operational Feasibility, Financial Feasibility and Social Responsibility 10 best projects were recommended by the selection committee.

Recommended projects will present their project ideas before IEDC advisory board committee on April 16, 2011. IEDC advisory board will select 5 best projects and recommend them to DST for sanction of grants.



3. Students Project 2010

There were many innovative ideas proposed at the start of the year and out of those the five most deserving and practically implementable projects were chosen under IEDC.

The IEDC project consisted of the following steps:

Stage 1: Development of the project (Hardware/Software)

The projects started with thorough literature review about the selected topics. After deliberation of the project requirements, the projects were developed under the guidance of individual mentors.

Stage 2: Business Plan Report

This included finding information related not only to the technical aspects of the projects but also about the resources required, the feasibility, expenditure to be incurred and a thorough market survey. The feasibility of the company in different aspects was summarized in the form of a business plan. They then went ahead to form their companies and completed the formalities for the same. These activities were carried out under the guidance of an internal and external mentor.

Stage 3: Company Formation

Each group formed its very own startup company and has developed their own website which showcases their company and a brochure for highlighting their product.

The startups are as follows:

- 1) Cloud43 Pvt. Ltd.
- 2) Secure43 Pvt. Ltd
- 3) ZIUS Technologies
- 4) Automated Driver Fatigue Detection
- 5) S.A.V.E Solutions Pvt. Ltd

All the students involved with the IEDC projects were put through intense training at each stage of the project and were mentored to achieve their goal. Along the way they were also imparted with the knowledge of how a company is formed and its functions.

These activities were carried out under the guidance of an internal and external mentor.



Entrepreneurs Startup 2010 Funded by DST

Sr No	Entrepreneurs Startup	Funding Agency and Amount	Product/ Service	Directors
1	Cloud43 Pvt. Ltd.	Department of Science & Tech. Govt. of India New Delhi Rs.100,00/--	Service	Apurva Agarwal Arihant Kothari Apoorva Eklahare Deven Shah
2	Secure43 Pvt. Ltd	Department of Science & Tech. Govt. of India New Delhi Rs.100,00/--	Secure 43	Manish Mathai Gaurav Kenue Gaurav Khedekar D. D. Ambavade
3	ZIUS Technologies	Department of Science & Tech. Govt. of India New Delhi Rs.100,00/--	Product : Zip It Up SMS	Priyank Singhal Sumiran Shah Nupur Bansal D. R. Kalbande
4	6 th Gear Pvt. Ltd	Department of Science & Tech. Govt. of India New Delhi Rs.100,00/--	Product : Fatigue Detector	Ruchir Kanakia Shivani Nadkarni Anasree Chatterjee K. T. Talele
5	S.A.V.E Solutions Pvt. Ltd	Department of Science & Tech. Govt. of India New Delhi Rs.100,00/--	Product : PH20401 (Hydropower generation using DC alternator in multistoried buildings)	Swamit S. Tannu Karishma P. Mehta Amruta J. Vidwans S. T. Gandhe



01. Cloud43 Pvt.Ltd.

Innovation & Entrepreneurship Development Centre
Sardar Patel Institute Of Technology. Andheri(West)
Mumbai-400 058



www.cloud43.in

Apurva Agarwal (Director)

Arihant Kothari (Director)

Apoorva Eklahare (Director)

Dr. Deven Shah (Joint Director)



Cloud43 Pvt Ltd was established in the year 2011 by the promoters Apurva Agarwal, Arihant Kothari, Apoorva Eklahare B.E.I,T at Innovation & Entrepreneurship Development Centre, Sardar Patel Institute Of Technology. Andheri(West)

Cloud43 Pvt. Ltd. is a leading provider of Virtual Computing Labs for E-learning to various engineering colleges in Mumbai. Cloud43 provides customized Virtual Computing Lab product to different colleges to meet their specific requirement and make the maintenance of college labs easier, and help towards reduction in their infrastructural cost.

Our Moto as a company is to be innovative, Creative, Cost-efficient. We have been always upholding the idea of taking the "quality, cost and service" as the company competition core; "sincere, creativeness and practicality" as the business core.



02. SECURE 43 Pvt. Ltd.



Sardar Patel Institute Of Technology. Andheri(West)
Innovation & Entrepreneurship Development Centre
Mumbai-400 058

www.secure43.co.in

Gaurav Kenue (Director)
Manish P Mathai, (Director)
Gaurav Khedekar (Director)
Prof D.D. Ambawade (Mentor)



Secure 43 Pvt Ltd was established in the year 2011 by the promoters Gaurav Kenue , Manish P Mathai , Gaurav Khedekar B.E Information Technology at Innovation & Entrepreneurship Development Centre, Sardar Patel Institute Of Technology. Andheri(West)

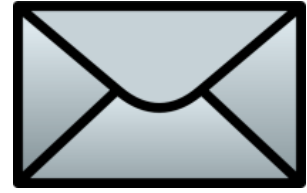
We have been devoted to the providing security to both private and public cloud with the aim to prevent the further attacks as well as trap the attackers and also Minimize security vulnerabilities and improve confidence in the cloud by our suite of security tools providing Intrusion and anomaly detection for internal network

We have been always following strictly the ISO9000 quality systems, to apply international quality management mode. We have been always upholding the idea of taking the "quality, cost and service" as the company competition core; "sincere, creativeness and practicality" as the business core.

Always adhering to the idea of "sincere, creativeness, open and advance", we offer every worker good platform. We have been always welcoming the elites to join us, grow and develop with us together.



03. ZIUS Technologies



Innovation & Entrepreneurship Development Centre
Sardar Patel Institute Of Technology. Andheri(West)
Mumbai-400 058

www.bluled.in/zius

Priyank Singhal (Director)
Sumiran Shah (Joint Director)
Nupur Bansal (Joint Director)



ZIUS Technologies was established in the year 2011 by the promoters Sumiran Shah, Priyank Singhal and Nupur Bansal Computer Engineering at Innovation & Entrepreneurship Development Centre, Sardar Patel Institute Of Technology, Andheri(West).

ZIUS Technologies aims to provide an enhanced messaging experience to the end user using text compression. The company promises to cater to the needs of its customers by introducing technology which has never been used before.

The company develops mobile applications for a wide range of cell phones which can be used on multiple platforms.



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Funded by Department of Science & Technology (DST), New Delhi

04. 6th Gear



Innovation & Entrepreneurship Development Centre
Sardar Patel Institute Of Technology. Andheri(West)
Mumbai-400 058

www.6thgear.co.in

Ruchir Kanakia (Director)

Shivani Nadkarni (Director)

Anasree Chatterjee (Director)



6thGear was established in the year 2011 by the promoters Ruchir Kanakia, Shivani Nadkarni and Anasree Chatterjee at Innovation & Entrepreneurship Development Centre, Sardar Patel Institute Of Technology, Andheri(West).

The premier product of the company is the '**Automated Driver Fatigue Detection System**'. It essentially is an accessory to be fitted onto the dashboard of the automobile and it records and evaluates the alertness of the driver depending on his rate of eye blinking and yawning and other facial expressions of the driver. This product is aimed at detection of fatigue with multiple conditions evaluated in the driver's behavior. An alarm system is installed in order to alert the driver in cases when fatigue is detected.

A research team is constantly working on newer techniques and the management team handles the logistics, marketing and finances.



05 S.A.V.E Solutions Pvt. Ltd.

Sardar Patel Institute Of Technology. Andheri(West)
Innovation & Entrepreneurship Development Centre

Mumbai-400 058

www.savesolutions.co.in

Swamit S. Tannu (Director)
Karishma P. Mehta (Director)
Amruta J. Vidwans (Director)



S.A.V.E. - Sustaining And Valuing Energies manufactures power generating systems to sustain the ever increasing need of electricity. The premier product of the company is the ‘**Pico-Hydro System**’.

The system is used to generate electricity from the energy contained in the water of over-head tanks. Water gushing from the over head tanks flows with a very high velocity which can be harnessed with our systems. This energy is converted into electrical energy by our systems.

The product is highly efficient and useful. It is suited to fulfill the requirements of cost effective, easy maintenance and renewable energies.

Our prime target is the high rise buildings in Mumbai and other metropolitan cities. We plan to start with Mumbai as our initial market. Then eventually the company tends to expand in other regions. Along with this product, the company plans to research and design new systems for optimum generation of electricity.