



**Message from the CEO , CIVN**



*It's truly said that Entrepreneurship is not a career or profession, It's a Lifestyle.* A good idea has no boundaries. . All those who aspire to being businessmen ,must keep in mind that only those who are persistent and can hold on till the last moment of patience can become Successful . Centre for Innovation

VNIT Nagpur , is a something we craved for during our college days. Today, entrepreneurs and innovators work at the frontiers of their chosen field, transforming the world around us. We must remain open-minded in order to find new ways of doing things, improve current systems and establish better ones to ensure that the entrepreneurs we support continue to receive leading-edge assistance when exploring the outermost horizons of their dreams. And to help to give them wings to fly, we have to take flight ourselves. At CIVN we truly adopt this thought process. Anyone and Everyone with a sustainable business idea is welcome to CIVN.

**CIVN in MEDIA**

### Centre okays ₹1.5cr for VNIT Startup Centre

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**LOCAL IDEAS**  
**PROJECTS COMPLETED**

- ▶ NFLM developed non-toxic organic nail wear based on nano technology
- ▶ CapAnalec getting orders for online risk assessment of firms and companies
- ▶ Riva Labs developing micro electro-mechanical systems

**IN THE WORKS AT CIVN**

- ▶ Developing and manufacturing an indigenous 'cannula', a tube inserted into a vein or artery in cardiac surgery
- ▶ A device to allow the visually impaired to see (form an image by converting a digital signal into a nerve signal)
- ▶ Automated postal stamp machine

Nagpur: Even as the Centre for Innovation at VNIT (CIVN) has already helped launch five companies and their products in the market, the Visvesvaraya National Institute of Technology (VNIT) has got many more ideas incubating in the minds of students. The government of India has chosen the institute for setting up a Startup Centre and sanctioned Rs1.5 crore for it. "Though we are yet to get the actual funding, the government has given a formal nod and sanction letter for starting the Startup Centre under the Startup India programme," said Yogita Kasture, CEO of CIVN.

### VNIT's entrepreneurship course generates 3 startups

Alumni Assn Helps Students Look Beyond Lucrative Jobs

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**WHAT THE COURSE IS ABOUT**

- ▶ The six months course has six credit points and is a full time open course
- ▶ It has conventional and virtual classroom teaching but it is totally interactive
- ▶ Second course 'Technology Venture Creation' starts from Business Plan onwards
- ▶ Courses are supported by the Centre for Innovation at Visvesvaraya National Institute of Technology

Nagpur: Setting a precedent of sorts, the alumni association of Visvesvaraya National Institute of Technology (VNIT) has not just designed, developed and conducted a full course on 'Introduction to Entrepreneurship' but also...

course. Though VNIT was not directly running the course, it did give us two-course coordinators for six credit points' course," he said. Chaudhary, who headed Global Logic as the India manager of pride for VNIT students to stay back as entrepreneurs rather than run after the huge packages offered in campus interviews. It gives us the confidence to continue the course," said Sunil Bhat, associate de-

## Focus - Startup boom helping farmers, forcing investors to pay attention to agriculture



### Dr Prakash M Dolas,

Advisor, RGSTC and Director Governing Board, CIVN

A brief communication to CIVN Bulletin: Agriculture is not the main focus area for VNIT, however technology is, and technology is universal in applicability.

Balu Mhaske, a farmer in Maharashtra's Yevati village saw his marigold flowers farm multiply profits when he began renting a solar-powered cold-storage unit to keep his flowers. The cold storage is one of several products developed by startups that are transforming India's agriculture sector and the lives of its farmers.

Satish KS has developed an automatic, low-cost irrigation controller called Siri. A former software engineer and cofounder of Flybird Farm Innovations recalled the several hurdles he struggled with while working on his farm land at Holalkere, near Chitradurga in Karnataka. "That's when I started looking into automation. I was from tech, so why not

explore?" said Satish. The basic system is priced at Rs 12,000 per acre. Satish is now working on making the product wireless. Flybird recently raised more than Rs 1 crore in equity and grant-funding from Villgro, Rianta Capital's Artha Initiative and others.

The main areas of focus in agriculture are automation and bio-engineering. The initial challenge for agri-products startups, though, has been in gaining the trust of the farmers. Eventually, the benefits become self evident as these products reduce costs in terms of labour, electricity, water consumption. Another focus area is data collection. Aarav Unmanned Systems, Airwood Aerostructures and Drona Aviation develop products that use drones to collect farm-related data. A complex camera-like system is attached to the drones to record information in real time.

Shyam Menon, investment director at Infuse Ventures, says the agri-tech startups need a combination of early-stage funds, debt, etc. "All of these are needed to enable innovations. It's not just (venture capital) or equity." As Girish Sohani of BAIF communicated, they are also looking at possibility of creating commercialised Social - oriented Verticals based on some of BAIF's promising program experiences / research outputs. [The BAIF Development Research Foundation is an award-winning charitable organisation based in Urali Kanchan near Pune in Maharashtra, India that pioneers agricultural development.]

Primarily sourced from How the startup boom is helping farmers and forcing investors to pay attention to agriculture - The Economic Times, Shashwati Shankar & J Vignesh, ET Bureau | Jun 24, 2016

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## New Entrant at CIVN

### Sensify Technologies Pvt Ltd

Sensify Technologies Pvt Ltd, is a new start up at CIVN promoted by Sameer Ramteke. Sensify technologies would provide services in the product development related to embedded and electrical system. Sensify would focus on focuses on designing and developing the embedded system required in the test and measurement industry (analogy systems, digital systems, embedded software designing and PCB

designing) hardware and embedded software engineering These product will be useful in Research and Development, Resistance/resistivity measurements, Beam monitoring and radiation monitoring, Leakage current testing in insulators, switches, relays, and other components, sensor characterization etc..

## The company has developed prototype for two products

### 1. PICO ampere Meter for measurement of Low level DC current



### 2. PICO ampere source used for low level DC current



Sensify Technologies provides following services

1. Solution for Test & Measurement Industry
2. Concept to Product Development
3. Hardware Design & Development
4. Firmware development for Microcontroller & Embedded Linux
5. PCB Designing
6. Internet of Things (IoT) Connectivity Solutions

## CIVN TEAM VISIT'S WOMEN TECHNOLOGY PARK, WARDHA

Center of Science for Villages ( CSV) Dattapur , Wardha hosts a Women Technology Park sanctioned by the Ministry of Women and Child Development, Government of India . To provide a forum to rural innovation with specialists and experts in science and technology, to provide them with necessary S & T inputs to optimize their innovated processes and products.

Dr. Soham Pandya, Executive Director proudly explained that the Women Technology Park basically focuses on developing appropriate Tools for drudgery reduction and manufacturing of Cosmetics and Toiletries. We also provide training to artisans, Self Help Groups, micro-entrepreneurs and development practitioners on alternate technologies. The other activities at the CVS focus on Herbal Medicine, Food Processing, non Timber Forest Produce, and Spirulina in Biotechnology sector.

## Visit of Padma Vibhushan Dr Anil Kakodkar



Padma Vibhushan Dr. Kakodkar, Chairman RGSTC and former Chairman Atomic Energy Commission of India paid a visit to the CIVN VNIT Nagpur . has accompanied by Dr. Sapre. They held discussions with the entrepreneurs and expressed satisfaction over their progress. Dr Kakodkar shared his special inputs on development of sensors at Sensify technologies and Riva labs . .

These 5 upcoming Start ups at Centre for Innovation VNIT are funded by Rajiv Gandhi Technology Commission.



## Risk Management Analysis workshop by Cap Analec – 4th June 2016

IMPRESSIONS -16" , an awareness series on Financial Risk Management. The software they have developed are very beneficial for SME's , Banks , specially Cooperative Banks and start up ventures. Cap Analec, which is working on Online Risk Management Platform has launched "RISK Cap Analec 's promoter Mr. Ajay Sarate is a VNIT Alumni .

“SME Risk Management” Key note speaker Mr. Ajay Sarate, CEO for CapAnalec Services Pvt. Ltd. shared his experiences on the various issues faced by SMEs in Financial Risk

Management. Mr Sarate has more than 20 years of rich experience in Investment Banking. He further deliberated on how to manage Credit and Investment Risk for a company. He introduced a unique cloud based technology platform ORAC (Online Risk Assessment & Compliance Platform) that helps SME to mitigate financial risk and save significant cost and time while dealing with banks and Credit Rating agencies. This workshop was attended by eminent SMEs, bank officials and Chartered Accountants.



## Interns from reputed institutions take up summer internships at Start up

**companies. SRDP & Cap Analec :** Interns from BITS, Pilani campuses , K.J.Somaiyya , IMT experience working at Start ups



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