



Gujarat Technological University

Invitation

Two Day Workshop on:

Challenges and Opportunities in Building Start up Ecosystem in the State

Important sessions on:

1. Panel Discussion on Role of government in building a start-up ecosystem in the state.
2. Session on Student Entrepreneurship by: Dr. Ranji Vaidyanathan, Riata Faculty Fellow, School of Entrepreneurship, Spears School of Business, Oklahoma State University, USA
3. Panel discussion by TBI CEOs: Challenges and opportunities in incubation ecosystem to promote student start-up.
4. Challenges and opportunities in the perspective of incubated start-ups across incubators in Gujarat.
5. Vice Chancellor's roundtable on
 - a. Designing a framework to award Specialization / Minor in Technology Entrepreneurship
 - b. Making Activity credit points mandatory for awarding degree
 - c. IEUE(Innovation and Entrepreneurship policy for University Education)

Date: 27 – 28 May, 2015

Time: 10:30 am onwards

Venue: GTU Auditorium, Chandkheda, Ahmedabad

For further information contact: Mr. Naresh Jadeja, Deputy Director, GTU on Email: deputy_dir2@gtu.edu.in

Registration is mandatory and free on first come first serve basis.

Please register through the online link or by scanning the QR code mentioned below.

https://docs.google.com/a/gtu.edu.in/forms/d/1hlfsb4wH_DcBytzuzl5-yQSvvxUx7_Xu9XLh5Hvrwv8/viewform



Draft Program:

DAY-1 (27-05-2015)

No.	Session	Theme	Timings
1	Inauguration & key note speech	Key note address by Finance Minister of Gujarat*	10:00 am to 10:45 am
2	Tea break		10:45 am to 11:00 am
3	Session-2	Panel Discussion on Role of government in building a start-up ecosystem in the state.	11:00 am to 01:00 pm
4	Lunch Break		01:00 pm to 02:00 pm
5	Session -3	Session on Student Entrepreneurship by: Dr. Ranji Vaidyanathan Riata Faculty Fellow, School of Entrepreneurship, Spears School of Business at Oklahoma State University, USA	02:00 pm - 03:30 pm
5	Session-4	Challenges and opportunities in incubation ecosystem to promote student startup. <ul style="list-style-type: none"> Sanjay Vijaykumar (Chairman – Start up Village) and TBI CEOs of India 	03:30 pm to 05:00 pm
6	Session-5	Panel Discussion on Challenges and opportunities in the perspective of incubated start-ups across incubators in Gujarat. <ul style="list-style-type: none"> Representatives of Gujarat TBIs 	05:00 pm to 06:00 pm

DAY-2 (28-05-2015)

1	Session-1 Rapporteur: Dr Chetan Bhatt, Principal, GEC, Gandhinagar	Vice Chancellor's roundtable on discussing <ol style="list-style-type: none"> Designing a framework to award Specialization / Minor in Technology Entrepreneurship Making Activity credit points mandatory for awarding degree IEUE(Innovation and Entrepreneurship policy for University Education) Participation by Vice chancellors of India.	10:30 am to 01:00 pm
2	Lunch Break		01:00 pm to 02:00 pm
3	Session-2	Session on Industry - Academia collaboration by: Dr. Ranji Vaidyanathan Ex. Director of the New Product Development Center (NPDC) and the Inventors Assistance Service (IAS) at Oklahoma State University, USA	02:00 pm to 03:30 pm
4	Session-3	Roundtable with 25 innovation Sankul Co-Chairs. (linking industry, academia & innovation)	03:30 pm to 05:00 pm

*Awaiting confirmation

Background Note:

Gujarat Technological University (GTU) has made extensive efforts in building an innovation and entrepreneurial culture at GTU during the last 4 years. GTU has developed interventions, which are organically linked to its pedagogical work. In India, **GTU is the only large technological university, which has developed its own Student Start-up Policy.** The Policy is based upon the experience of GTU's own successful efforts and it has also drawn upon the best practices from across India and abroad. (Policy document: http://files.gtu.ac.in/circulars/14DEC/05122014_02.pdf). GTU has also developed a policy document for the **Skilling India Mission at GTU.** It is available at <http://files.gtu.ac.in/circulars/14DEC/22122014.pdf>. The emerging start-up ecosystems in India are facing acute supply-side challenges to access hard-core engineering start-ups. It is felt that it is due to inadequate training in modern skill-sets at engineering colleges. The intervention of the Skilling India Mission at GTU is a serious efforts to eliminate this deficiency from our technical education system.

GTU's student start-up policy, called CUBE, has been formulated to cover three axes:

- Interventions: Pedagogical, Co-curricular, Social;
- Intensities: Culture Development, Infrastructure/funding & resource based Special/dedicated support initiatives for start-up spin-offs and
- Implementation Scope: Campus Level, Local Community (Virtual) Level and University Level.

GTU Student Start-up Support System (S4) has set up a **Policy Incubator** where various policies are discussed, debated and are put under pilot testing mode. These policies are related to student start-ups in general and other similar areas. The objective of the Policy Incubator is to hold dialogues, discussions, and conferences to assemble wider perception and learn from best practices. It then helps develop the next practices for student entrepreneurship across state university systems. GTU innovation Council has become the most open and inclusive innovation ecosystem which interacts with both internal and external stakeholders regularly to shape innovative policies and develop strategies to execute them. Three such meetings have been organized so far. An example of such policy discussions is a recent RoundTable meeting reported at http://gtu.ac.in/circulars/15May/14052015_11.pdf .

On November 21-22, 2015, GTU had organized a 'National Workshop on Development of Policy Framework for Innovation, Student Entrepreneurship & IPR for Universities with a Large Number of Affiliated Colleges' (Report: <http://www.gtu.ac.in/circulars/15Apr/29042015.pdf>). The Workshop was sponsored by All India Council of Technical Education.

THIS TWO-DAYS WORKSHOP: GTU wishes to have a dialogue with other technological universities and existing TBIs in the state to finalize a protocol for some of the new ideas, it is planning to execute during the academic year 2015-16.

During this year, the university wishes to make some additional interventions to further develop student start-up culture across the campuses of various Colleges. GTU is planning to develop a unique program of B. E. (Minor/Specialization in Technology Entrepreneurship) along with student's main stream B.E.

(major) program. Under the Minor/Specialization program, GTU students will be permitted to pursue their Final Year projects in any TBI, which has been approved by the university for this program. The University is considering awarding special certificates for such teams. The University is discussing with various stakeholders, TBIs, policymakers and regulators to see that such a program can be initiated during 2015-16. The proposal is to award a special citation in Technology Entrepreneurship as an additional credential when a student team/startup does the Final Year project in a University-approved Incubator and achieves certain milestones. The specialization in Technology Entrepreneurship is a recognition of a team's ability to work collaboratively for producing measurable real world outcomes. This is also to recognize the entrepreneurial mindset of the team and its ability to make use of the theoretical knowledge in a practical setting.

GTU works to provide opportunities to its students to develop themselves in all the different dimensions of a well-rounded personality. Thus GTU organized **Sports Festivals** and **Youth Festivals**. It also organizes **TechFests**. **GTU Innovation Clubs** for student-driven activities have been set up in Colleges. The Clubs inter-act with **GTU Innovation Sankul** of their area to intensify industry-institute interactions. In addition the Clubs deal with activities under **Open Source Technology Clubs**, **Mobile and Wireless Technology Clubs**, **S4 Extension Centers** and activities under various professional societies. GTU also encourages social projects through its **Vishwakarma Yojana**, which re-imagines the infra-structure in rural areas, through **IT Infrastructure Abhiyan (ITIA)** and through its **500 Colleges-500 Villages project**. Besides courses on communication skills and value education, an additional co-curricular program, named as **Atelier**, has been planned for development of soft-skills through boot-strapping. A tinkering laboratory, called **Community-innovatio-CoCreation Center (C-i-C3)**, has been developed at Ahmedabad and it is proposed to be replicated at 25 places in the State. These laboratories would facilitate the students to develop products based on their own ideas and these laboratories will be open after-hours and on holidays. It is proposed to encourage active participation by every one of the students in such co-curricular activities by allocating points for effective participation. It is proposed that a degree be awarded only when a student, besides satisfying academic requirements, achieves a minimum level of effective participation in such activities.

While university authorities and GTU Innovation Council have got very encouraging inputs on the above proposed policy interventions, we wish to have a face to face discussion with experts before going ahead with the implementation. GTU is inviting TBI CEOs, Policy makers, Start-up enthusiast, Student Start-ups and Technological universities to participate in this two day workshop and **Vice- Chancellors' roundtable** and to help shape the policy frameworks.

Dr. Ranji Vaidyanathan, Executive Director of the New Product Development Center (NPDC) and the Inventors Assistance Service (IAS) at Oklahoma State University, USA has creditable record of work in leading entrepreneurial work and industry-institute inter-action at Oklahoma University. He will be leading the discussion in two sessions and will be providing valuable inputs in other sessions at the 2-day Workshop.