



Round table meetings with CEOs of TBI/Incubation for framing Minor or Specialization in Entrepreneurship subject in BE curriculum of GTU

Student Start-up Support System (S4) co-working space

ACPC Conference room, GTU Innovation Council



Date: 20/05/2015

GTU Innovation Council had called a round table meeting of all aspiring stakeholders from GTU and CEOs of TBI/Incubation centres from Ahmedabad on 20th May 2015. The following members participated in the meetings and discussed various facets for framing Minor or Specialization in Entrepreneurship subject in Bachelor of Engineering curriculum of GTU.

| Sr. No. | Name | Name of organization |
|---------|-----------------------|----------------------------|
| 1 | Dr. N. M Bhatt | Dean-GTU/Director - GIT |
| 2 | Dr. Rupesh Vasani | Dean-GTU/Director - SAL |
| 3 | Mr. Naresh Jadeja | Deputy Director - GTU |
| 4 | Mr. Ashwin Joshi | CIIE, IIM-Ahmedabad |
| 5 | Mr. Mohsinbin Latheef | CIIE, IIM-Ahmedabad |
| 6 | Mr. Paresh Vora | AHD. UNIV. Venture studio |
| 7 | Mr. Amitsinh Gohil | TiE, Ahmeddabad |
| 8 | Mr. Deep Patel | Intrestship |
| 9 | Mr. Sharad Parekh | Straut research p. ltd. |
| 10 | Mr. Manasvi Thappar | Candour Legal |
| 11 | Prabodha Swain | icreate |
| 12 | Prof U T Rao | MICA Comcubator |
| 13 | Yash Shah | E-swasthiya |
| 14 | Ateet Bajaj | Start 51 |
| 15 | Satya Acharya | EDI |
| 16 | Shani Pandya | IIC-PDPU |
| 17 | Happy Patel | IIC-PDPU |
| 18 | Bhashin Mehta | IIC-PDPU |
| 19 | Yash Saxena | Openfuel |
| 20 | Karmjitsinh Bihola | Asst. prof. – Design, GTU |
| 21 | Gagandip Khanduja | Asst. prof. – Design , GTU |
| 22 | Shailesh jain | Project Officer – IPR, GTU |
| 23 | Kalp Bhatt | GIC-S4 |
| 24 | Juneid Shaikh | GIC-S4 |
| 25 | Meet Soni | GIC-S4 |
| 26 | Prof Vikram Parmar | NDBI-NID |

Mr. Naresh Jadeja, Deputy Director ,GTU explained the need of introducing Minor or Specialization in Entrepreneurship subject in Bachelor of Engineering curriculum of GTU. He also mentioned the features and the proposed scheme for the course and asked suggestions from all stakeholders.

Mr. Hiranmay Mahanta, Honorary Director, GTU Innovation Council elaborated the entire idea of GTU Innovation Council to inculcate Entrepreneurship and Start-up culture in GTU. He shared the vision and strategies behind such initiatives and how GTU was trying to achieve the goal. He also thanked all TBI CEOs who were giving persistent support to build the ecosystem by accepting GTU's invitation time and again. He shared the inputs received from Start-up village efforts in Kerala and their ideas to build such an intervention through pedagogic efforts in Gujarat.

The following points were discussed at the beginning of the meeting:

- For this Academic year 2015-16, this course would be introduced in the final year, with inputs from suitable stakeholders /experts.
- Discussion on basic difference in Minor or Specialization in Technology Entrepreneurship subject content.
- Execution protocol of the entire program.
- How to create strategies based on the competencies of each TBI in the state so that optimum efficiency can be harnessed.
- EDI suggested screening aspiring students for this course in early stages, so that TBIs will get satisfactory and committed pool of students. Participants requested CIIE , MICA comcubator,TiE and others to prepare framework for boot camp/early sensitization program for students .
- iCreate suggested for boot camp/early sensitization program in various colleges so that students get adequate exposure before taking the final call.

Suggestions from CEOs of various TBIs present in the discussion:

- GTU may arrange boot camp/early sensitization program for students to make them aware about Entrepreneurship in early years of Engineering. Without exposure, we may not get the right set of aspirants.
- i-Create CEO said "Minor "program could be preferable.
- They asked about what kind of programs may be offered by GTU and what kinds of offerings TBI should provide to students. Discussions were held on expectation in terms of outcomes from TBI and students through implementation of the program.
- Pre-incubation related activities can be added for 1st and 2nd year students so that they can opt for Entrepreneurship as their career option or an alternative way for skill development.
- The entire course work (*Selection criteria, Course content, timeline, evaluation scheme, expected outcomes from students as well as TBIs*) should be decided as soon as possible so that final year students from Academic Year 2015-16 can be benefitted.
- All TBIs collectively will suggest various activities/skill set for entrepreneurship promotion.
- Strategies were discussed on how to leverage competencies of each TBI so that student start-ups can benefit maximum while trying to build their enterprise.

Suggested Scheme for shortlisting students:

- May ask for short synopsis from student/s or teams of their start-up idea. (Evaluation would be according to their pattern of thinking or representation - not exactly based on the presentation skills only)
- Pre-selection boot camp/early sensitization program at college level (iCreate/TiE may help)
- Psychometric test (EDI suggested), Hackathon, Ideation workshop and bare minimum cut off based on their CPI/SPI. GTU may facilitate for all these kinds of test or program in collaboration with suitable stakeholders and the results will be sent to TBIs for selection of student/s or team.

Dr. N M Bhatt, Dean GTU, Dr Rupesh Vasani, Dean GTU shared:

- GTU will introduce this course for final year students during the Academic Year 2015-16. Then it may be entered in all semester, so students can opt for this Minor or Specialization course in any year of BE.
- With mutual understanding of TBIs, students may transfer from their selected TBI to other specific TBI for some part of the course work.
- TBIs will play two kinds of role in this courses (1) Mentoring the selected teams, run necessary program to support them (2) As a participant in Policy making to re-design and modify policies as and when needed and help shaping futuristic action agendas.
- Real life start-ups could be engaged to mentor and sensitise such initiatives across the state.
- Students may allow for interdisciplinary projects as GTU's IDP regulations facilitate multidisciplinary Final Year projects.
- Such interventions are need of the hour and proper implementation plan should be developed while executing these ideas.

Dr. Vikram Parmar, Head NDBI, NID:

- The idea is very good but special care need to be taken, as many a times large scale universities find it tough to maintain the quality with scale in inculcating innovation and start-up culture.
- He shared to bring in technical expertise related to incubation process and make a thorough system so that things actually make impact on ground.
- NDBI NID will extend all possible support to add to this effort and help design based student start-ups grow.

Mr.Hiranmay Mahanta , MD, Techpedia & Honorary director GTU Innovation Council shared that such intervention will have very far reaching impact in days to come not only for Gujarat start-up ecosystem but also for whole nation. He shared that by adopting collaborative approach, the supply side challenges pertaining to incubation value chain and the lack of hard-core engineering start-ups can be addressed suitably. He also mentioned that it will be a moment to be cherished in future when the collaboration among Technology Business Incubators (TBIs) starts creating a visible impact.



References:

1. **20th May 2015**: Round table discussion with CEOs of all Technology Business Incubator (TBI) of Gujarat to discuss about proposed B.E(Specialization in Technology Entrepreneurship) program at GTU as per its Student Start up Policy Circular at http://www.gtu.ac.in/circulars/15May/16052015_12.pdf
2. **30th March 2015**: Report of the Round Table Discussion on “Envisaging a Vibrant Student Start-up Ecosystem in Gujarat: a dialogue involving Student” and the invitation available respectively at http://gtu.ac.in/circulars/15May/14052015_11.pdf and at <http://www.gtu.ac.in/circulars/15Mar/29032015.pdf>
3. **20th March, 23rd March, 26th March 2015: Three S4 Start-up Round Tables: Circular available at http://www.gtu.ac.in/circulars/15Mar/20032015_02.pdf**
4. **20th February, 2015**: Report on Round Table Discussion on Possible Gujarat Start-up Policy at <http://www.gtu.ac.in/circulars/15Mar/03032015.pdf> in Room No. 119
5. **20th February, 2015**: Report on Round Table Discussion on “Implementation of GTU Startup policy in affiliated colleges” at <http://gtu.ac.in/circulars/15feb/26022015.pdf> in the Conference Room
6. **21st- 22nd November 2014**: Report on National Workshop on Development of Policy Framework for Innovation, Student Entrepreneurship & IPR for Universities with a large number of affiliated Colleges at <http://www.gtu.ac.in/circulars/15Apr/29042015.pdf>
7. **17th July 2014**: REPORT of a debate on the “Role of Co-working space co-creation space for promoting Start-up culture” at <http://www.gtu.ac.in/circulars/14Aug/13082014.pdf>
8. **25th Oct 2013**: Report on the S4-S4 Debate on National Entrepreneurship Policy at <http://www.gtu.ac.in/Report/26122013.pdf>

Other References: 1. GTU’s Student Start-up Policy is available at http://files.gtu.ac.in/circulars/14DEC/05122014_02.pdf

2. GTU’s policy document for its Skilling Mission is available at <http://files.gtu.ac.in/circulars/14DEC/22122014.pdf>

3. A Call for suggestions for the first draft of the policy available at http://www.gtu.ac.in/circulars/14Nov/GTUStartupPolicy_Draft.pdf

4. To have insights about our earlier roundtables around this theme, please visit:

a) http://gtu.ac.in/circulars/14Apr/10042014_02.pdf

b) <http://www.gtu.ac.in/circulars/14Aug/13082014.pdf>

c) http://files.gtu.ac.in/circulars/14Oct/07102014_03.pdf

d) http://gtu.ac.in/15042014/S4%20debate_2_friday_18th%20April%202014.pdf