

# *GTU INNOVATION COUNCIL*

[www.gtuinnovationcouncil.ac.in](http://www.gtuinnovationcouncil.ac.in)

## **A GTU Innovation Club**

### **A Necessary Requirement for Every College/ Institute/ Polytechnic, affiliated with GTU**

Student Start-up Policy of Gujarat Technological University (GTU) was released on 15<sup>th</sup> December 2014 by Shri Bhupendrasinhji Chudasma, the Education Minister of Gujarat State. It is available at [http://files.gtu.ac.in/circulars/14DEC/05122014\\_02.pdf](http://files.gtu.ac.in/circulars/14DEC/05122014_02.pdf).

GTU had set up GTU Innovation Council (GIC) on 2<sup>nd</sup> August 2010. GIC organized 25 GTU Innovation Sankuls for developing a close inter-action between the Colleges and industries. To make the process of industry-institute interaction student-driven, GTU had asked every College/ Institute/ Polytechnic, affiliated with it, to set up GTU Innovation Clubs. Please refer to <http://www.gtu.ac.in/circulars/14March/25032014.pdf>.

Every College/ Institute/ Polytechnic, affiliated with GTU, is required to update the information about its GTU Innovation Club **on or before 7<sup>th</sup> March 2015** on the web-link <http://gtuinnovationcouncil.ac.in/gicclub/>.

GTU Coordinators of each college will be mailed the log in facility for this web link.

Every GTU Innovation Clubs has worked to bring a positive environment in its College, wherever it has worked well. This progressively makes the College a reputed place for technical education. Hence the Club Members are valuable members of every College. GTU also recognizes the contribution of Club Members by admitting them to workshops, training programs for gaining skills & knowledge and start-up activities **on a preferential basis**.

CONTACT for any query: [gic@gtu.edu.in](mailto:gic@gtu.edu.in), [s4@gtu.edu.in](mailto:s4@gtu.edu.in) or Tel: 079-2630-0499/0599

*Note: 1. The Appendix on the next 4 pages re-states the Architecture of the GTU Innovation Club, the Process of setting up such a Club and their Goals & Activities. They also give some of the older references.*

*2. The word 'College' is used to denote a College/ Institute/ Polytechnic.*

# *GTU INNOVATION COUNCIL*

[www.gtuinnovationcouncil.ac.in](http://www.gtuinnovationcouncil.ac.in)

APPENDIX:

## **Architecture of GTU Innovation Club**

- Each club is chaired by the Director/Principal of the College. He will guide the club in executing all its activities.
- The Director/Principal of the College will nominate one faculty member as the Coordinator of the GTU Innovation Club (**GIC Coordinator**).
- One Faculty Member, from every branch/ department of the College, will be nominated by the Principal/Director in consultation with the respective HOD. Such a Member will represent the department (branch) in every activity and process of the Club.
- Each Club will have two students (preferably with equal representation of all genders) from each class of all branches covering all years in every affiliated college. (Example: For the Department of Electrical Engineering in a 4-year degree engineering College, there will be two students from each of the classes of the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and the 4<sup>th</sup> year. Thus the Club will have 8 students from the Department of Electrical Engineering.) The students will represent their class in every single endeavour at GIC at College and University level. Students having leadership, technical, managerial skills with inclination towards innovation, entrepreneurship are to be given preference while forming the Club every year at College level.
- Since every GTU Innovation Club establishes a close working relationship with leaders of industries through the Sankul Committee, through establishing contacts at the Departmental level with mentors for Final Year Projects and through its efforts to continuously invite industry professionals to the class-rooms, a Placement Committee and the TPO may be important parts of the Club.
- Open Source Technology Club, Mobile and Wireless technologies Club, S4 Extension Center and any other hobby Club or Co-curricular club of the college may have representatives in the GTU Innovation Club at College level in addition to the members selected as above.
- For Engineering Colleges, some of the faculty members were trained through Faculty Development Programs organized through US Department of Energy-GCCI, German International Development Agency and GOI's Bureau of Energy Efficiency. So possibilities of helping SMEs through measuring boiler efficiencies, measuring air-

# *GTU INNOVATION COUNCIL*

[www.gtuinnovationcouncil.ac.in](http://www.gtuinnovationcouncil.ac.in)

water pollution and energy audit arose. The Clubs were advised through a circular<sup>1</sup> dated 23<sup>rd</sup> February 2012 about taking up the tasks, wherever appropriate trained faculty was available. Faculty Members and students, leading such efforts may also be nominated to the Club.

- On 31st August 2013, GTU has launched the idea of establishing an **S4 Extension Center, as a part of the Club** at every College. Faculty Members and students, leading such efforts may also be nominated to the Club.
- For MBA Colleges, students responsible for any Sectoral Panels<sup>2</sup> will also be nominated to the Club.
- To assist the **GIC Coordinator** and for specific jobs, there will be the following Vice-Presidents selected out of the student members of the Club:
  1. Vice President, Industry Relations, Relationships with Sankul Office-bearers and ecosystem building
  2. Vice President, Technology (to take care of efforts related to technology based events, skill building, Design Thinking etc.)
  3. Vice President, Operations ( to take care of over all events, programs, logistics etc. of the Club)
  4. Vice President, PR &C (Public relation and communication with all type of internal and external stakeholders involving both formal and informal ways )
  5. Vice President, Entrepreneurship and IPR ( to implement Student Start-up Policy agendas of GTU and coordinate entrepreneurial initiatives involving students)
  6. Vice President , Community outreach and social initiatives ( to coordinate all efforts of social initiatives by students, departments and college)

If the Principal/ Director deems it necessary, a student may also be appointed as the Vice President, Finance. The VP (Finance) may work to mobilize both internal and external resources for supporting innovators and student start-ups at early stage. Similarly for any additional activities, which is likely to continue for a long time, wherever necessary, the Principal/ Director may appoint a student as the Vice President for that activity.

# *GTU INNOVATION COUNCIL*

[www.gtuinnovationcouncil.ac.in](http://www.gtuinnovationcouncil.ac.in)

Each VP will be nominated for one academic year. All the VPs will assist the **GIC Coordinator** and all the members of the Club will work as a team, under the leadership of the **GIC Coordinator** and the Vice Presidents in planning, strategy and execution.

Each innovation club will keep in touch with the Sankul Co-Chairperson (Industry) and other industry members on the Sankul Committee. They will also maintain connectivity with the team members of other innovation club members of nearby colleges, particularly those belonging to the same GTU Innovation Sankul.

## **Process of Setting of GTU Innovation Clubs 2015-16**

- Every college Principal/Director is to nominate one active faculty member as GTU Innovation Club Coordinator.
- The Principal/Director will nominate one faculty member from every branch to be member of this club in consultation with the respective HOD.
- The Principal/Director of the college may put up a notice, asking students to nominate themselves to be members of the club. Every nomination should be accompanied with a Statement of Purpose, stating what the nominee would be able to contribute to the Club, the College and to GTU Innovation Council. A team, out of the Faculty Members, nominated by the Principal/Director may conduct interviews before selecting the student members of the Club.

Or a Colleges may adopt any other innovative ways to select the best students from every class.

- GTU Innovation Club Coordinator will provide details of the Club members to GTU Innovation Council every year.

## **Goals and activities**

- Each GTU Innovation Club will work jointly with GTU Innovation Council for implementing the proposed innovation and entrepreneurship program including, skill building, design, IPR, Innovation, Entrepreneurship, Ecosystem building, technical events

# GTU INNOVATION COUNCIL

[www.gtuinnovationcouncil.ac.in](http://www.gtuinnovationcouncil.ac.in)

at the college level; The club will also work to participate in such activities at the Sankul, at the zonal and at the University level.

- GTU has been organizing FDPs to create a framework for bringing design-orientation to the learning processes at GTU. It has also organized workshops for sensitizing the GTU community about Active Learning and Creating Excitement (ALCE) in the laboratories, workshops and classes. The movement for the ALCE projects and design-orientation is designed to be a student-driven open movement, which should nurture creativity among the students and which draws in design engineers and creative persons from the whole of the society to build a creative community associated with every Sankul. The Clubs in Colleges are supposed to lead the connectivity with the external world for bringing design-orientation to the learning processes at GTU and for intensifying the work of the ALCE project.
- The GIC Club will document the efforts and impact and share it with the University portal.
- Each club will make ground efforts to implement GTU Student Start-up Policy , [http://files.gtu.ac.in/circulars/14DEC/05122014\\_02.pdf](http://files.gtu.ac.in/circulars/14DEC/05122014_02.pdf)
- Each GTU Innovation Club will be provided a space in the campus of the respective college where the team will operate on day to day activities.
- Each college administration will allocate resources for the activities of the innovation club.

<sup>1</sup>The Circulars of 11<sup>th</sup> January 2011 (at <http://www.gtu.ac.in/circulars/11Jan/Udisha%20Club%20Circular.pdf>), of 23<sup>rd</sup> Feb 2012 (at <http://www.gtu.ac.in/circulars/12Feb/Circular%20of%20Agenda%20for%20Udisha%20Clubs.pdf>) and others for GTU Innovation Clubs were brought together and re-issued at <http://www.gtu.ac.in/circulars/14March/25032014.pdf> on 14th March 2014.

<sup>2</sup>On June 25, 2011, additional requirements were created when GTU established three Skills Councils- namely Financial Services Skills Council (GTU-FSSC); Council for Human Resource Studies and Organizational Structures (GTU-CHRSOS); Skills Council for Marketing (GTU-SCM) - with 25 Sectoral Panels. (Please see <http://www.gtu.ac.in/circulars/11July/MoM%20SDC.pdf>) Every Club in an MBA College was required to develop active linkages with at least three Sectoral Panels.