

2014
to
2016



Gujarat Technological University

Standard Operating Procedure for GIC Student Associateship & Fellowship Program and summary of their activities



Background

Gujarat Technological University always fosters innovation and entrepreneurial mindset among students and recognizes the ability to make use of the theoretical knowledge in a practical setting. Gujarat Technological University's Innovation Council (GIC) invites young and enthusiastic students for the Student Associate Program. Student Associate Program is a unique initiative, where a state-run university is providing an opportunity for students to work as Associates.

GTU Innovation Council nurtures the soft skills and talent of the students to lead their imagination in a proper way. GIC has been designed to establish close bonding between industries, entrepreneur and students to make research and development at the University relevant to the needs of industries at national and international levels. It aims to involve the industries, along with the students and faculty members, in an innovation campaign, whereby GTU rejuvenates technology education and develops quality research at the University and helps create a culture of design, new and improved products and processes in our industry.

GTU Innovation Council's first objective is to nurture creativity and innovation within the University community; it has been designed to act as a catalyst of change for the whole of the society.

The Council targets to create a management system, which uses the existing structures and facilities by bringing them together for working for innovation. The council has decided to document every single success and to make the information available to all the stake-holders to develop self-confidence in the whole of the system. One key aim of this mission is to develop inter-relationship for national and international collaborations for innovation in the fields of Science, Engineering, Technology and Management. The Innovation Council has started strategic steps to establish a close and continuing inter-action between the industries & businesses and the students & faculties in all the undergraduate and postgraduate courses like Engineering, Management, pharmacy, MCA and Polytechnics and the faculty members in GTU.

“GTU Innovation Council is country's 1st large scale student driven innovation ecosystem in affiliated type university system. The GIC associates and fellows have played crucial role in shaping ground action agendas to macro innovation policy frameworks. It's country's largest student start-up movement too and has redefined the pre incubation value chain and committed to contribute hugely towards start-up India dream. We envisage this organic innovation and start-up movement involving young minds will help in realising the fullest potential of Indian youth and cherish decade of innovation 2010-20.”

----- Hiranmay Mahanta, Honorary Director, GTU Innovation Council

GTU Innovation Council (GIC)
Student Associateship Program
&
Fellowship Program

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About Student Associateship Program

GTU is the first state university, which is providing an opportunity to undergraduate/post graduate students to work as an Associate under the GIC's Student Associateship Program (Such opportunities are available only in top institutes like IIM's and IIT's). The selected student will work with the GTU Innovation Council (GIC) team at the S4 Co-Creation Centre (S4-C3), Ahmedabad. The student Associate at GIC can also work virtually.

(GTU wants to develop common facilities for all the Colleges of a Sankul, as soon as adequate space, which is easily accessible and which is located in the main population centre of the Sankul, becomes available. As soon as such facilities become available at a Sankul, the students in the Colleges of the Sankul will be able to work at the GTU Centres at the Sankuls also.)

The Student Associates will have to work at GIC from June 2016 to March 2017. After a successful completion of the said tenure, a certificate will be awarded by the Hon'ble Vice Chancellor of Gujarat Technological University.

About the Fellowship Program

The Gujarat Technological University's Innovation Council is inviting young and enthusiastic individuals for its fellowship program in the areas of entrepreneurship, patent cell, events strategy, information technology (developers) and information management, marketing, and policy study and development. Associates will be promoted to Fellows if they want to continue work with GIC. GIC works upon various initiatives for building a great Start-up Ecosystem in GTU.

The Innovation Council is the body of the state-run Gujarat Technological University that is in place to foster innovations and innovators hailing from the university.

The selected applicants for the fellowship will work with the immediate team of the GTU Innovation Council, and will be entitled to a certificate awarded by the Vice Chancellor of the university, on completion of active work. They will mentor/guide other associates for working in GIC.

Why to Join?

- Get a chance to build a strong network with other associate members from all over Gujarat.
- Be updated on the recent trends of Entrepreneurship & Innovation world, leading edge technologies from GIC implemented in Start-ups via regular updates.
- Get to know about the upcoming student Start-ups and the challenges they faced as they share their experience with GIC.
- Take a leaf out from the lives of some of the famous entrepreneurs of today's world when they narrate their journey to GIC.
- Get a chance to participate and publicise entrepreneurship related activities in your college Campus.
- Garner more visibility of your campus Start-Ups in front of audience from across Gujarat on our Social Media channels.
- Improve your creative skills to design your own entrepreneurship based events in your college in collaboration with GIC.
- An opportunity to build your communication skills as you get to interact with other College Representatives and your college students to publicise entrepreneurship in your campus.



(Flash Venture At GTU Innovation Council)

Highlights of Student Associateship Program-2014

Orientation Program



Dr. Akshai Aggarwal, the Honourable Vice Chancellor, appreciated the students for coming forward for joining GIC fellowship program. He said that working with GTU Innovation Council will hone their leadership and technical abilities. His presence and one-to-one interaction with students made huge difference to this program and students were rejuvenated to take some concrete steps to push forward the efforts of GIC and other activities in IPR and S4 to new heights.

Crowd Funding



Mr. Hiranmay Mahanta & Mr. Ateet Bajaj explaining crowd funding facilities for student projects to the faculty members during the 2 day workshop. (August 2014)

Boot Camp on Mobile Application



To support mobile application development and help mobile startups leap from prototypes to profitable enterprises the Student Startup Support System (S4) at GTU Innovation Council (GIC) organized a two-day boot camp pioneering initiative in **“Boot camp for innovation in mobile application”**. (2014)

One Day Workshop on Business Canvas Model



One day workshop on **“Business Canvas Model”** to help students have hands on experience on business modelling based on their ideas. (2014)

Highlights of Student Associateship Program-2015

➤ The following Statistics of SAP 2015-16:-

63 Associates Selected

5 Teams Formed

- **Motivational Monday** – 10 motivational Speakers – 4 Talks on Entrepreneurial Stories
- **Startup Tuesday** – 35+ Entrepreneurs/Startups/Mentors – 12 Startup round tables- Partnered with GBG A'bad & eChai
- **Design Wednesday** – 24 Events – 2500+ Participants – International Design Conference on Infusion Design Thinking in Engineers Mindset – 27+ Global Mentors
- **Patent Thursday** -10+ Patent Owners Invited-Different Seminars on Prior Art Search – Patent Landscaping – Patent Officers' discussion patent drafting & applications
- **Research Friday** -Reviewed Analytics on different TBI's of India Workshops on : Crowd Sourcin as Research Tool – Essential Skills for 21st Century Researchers- Part of the launching of Gujarat Start-up Policy-Developed research paper on Global Entrepreneurial Ecosystem

Saturday and Sunday :- Bootcamps / Workshops/ Conferences/Events.

Overall 8000+ Students Participations

Hackathons associated with DDo's of Gujarat

Capacity of more than 500 Student VP's

Flash Venture



Hack-a-Thon



In **Hackathon 2016**, students came together to build amazing solutions like applications and web-portal, in an effort to create amazing solutions for real world challenges. Participants developed prototypes as a **solution for Traffic Issues, Smart Healthcare Challenges, Social Goods and Industry Challenges**.

Two Day Training Workshop

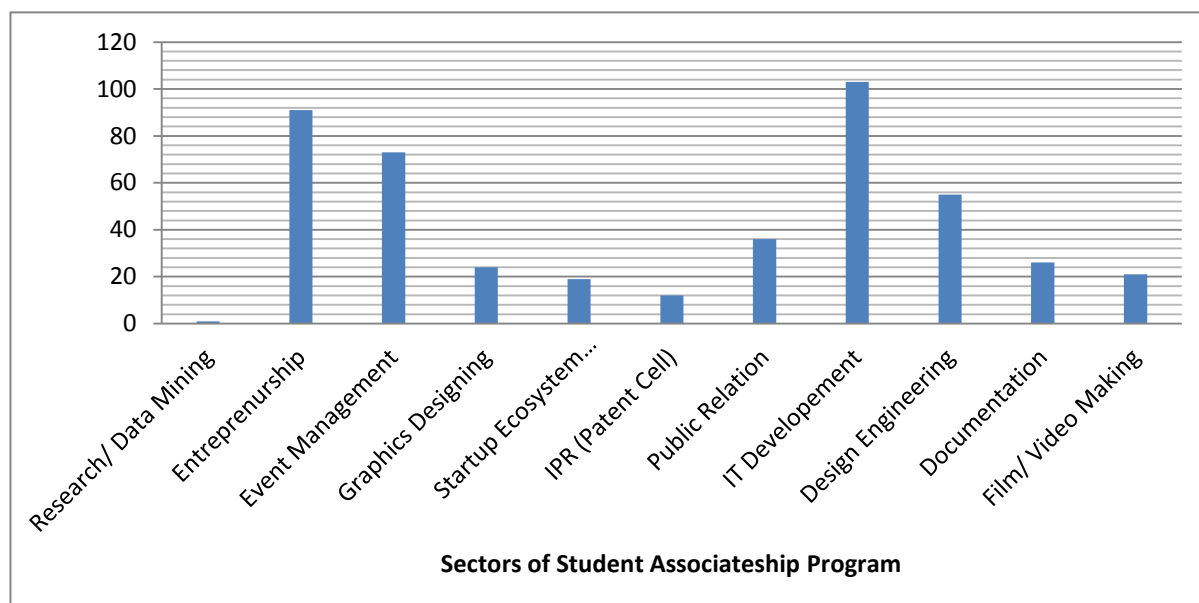


The agenda of the workshop was to discuss about the new initiatives taken by GTU Innovation Council to promote Innovation and Entrepreneurship and trained the students by explaining the ways for applying the same in your GTU Innovation Club.

Start-Up Round Table



The key to any Entrepreneurs' success is multiple stakeholder partnership...this is an initiative to bring together students, academia, industry mentors, investors and policy makers. StartUps will be sharing their entrepreneurial journey, exchange ideas to build a local ecosystem in Ahmedabad.



(Graph: Student enrolled in Sectors in Associateship Program 2015-16)

GIC Fellows and Associates being appreciated by Vice Chancellor (GTU) and various other dignitaries for their voluntary contribution towards efforts of GTU innovation Council and student Start-up Support System.

References Links of all the previous Associateship programs

<http://www.gtu.ac.in/circulars/14Jul/21072014.pdf>

Kindly refer past associateship/fellowship program:

GIC Fellowship program 2015-16

http://www.gtu.ac.in/circulars/15June/12062015_11.pdf

GIC Fellowship program 2014-15

<http://www.gtu.ac.in/circulars/14Jul/21072014.pdf>

http://www.gtu.ac.in/circulars/15Apr/13042015_01.pdf

GIC Fellowship program 2013-14

<http://www.gtu.ac.in/circulars/14Jan/Onedaycapacity.pdf>

http://www.gtu.ac.in/circulars/14March/25032014_03.pdf

http://www.gtu.ac.in/circulars/14March/10032014_01.pdf

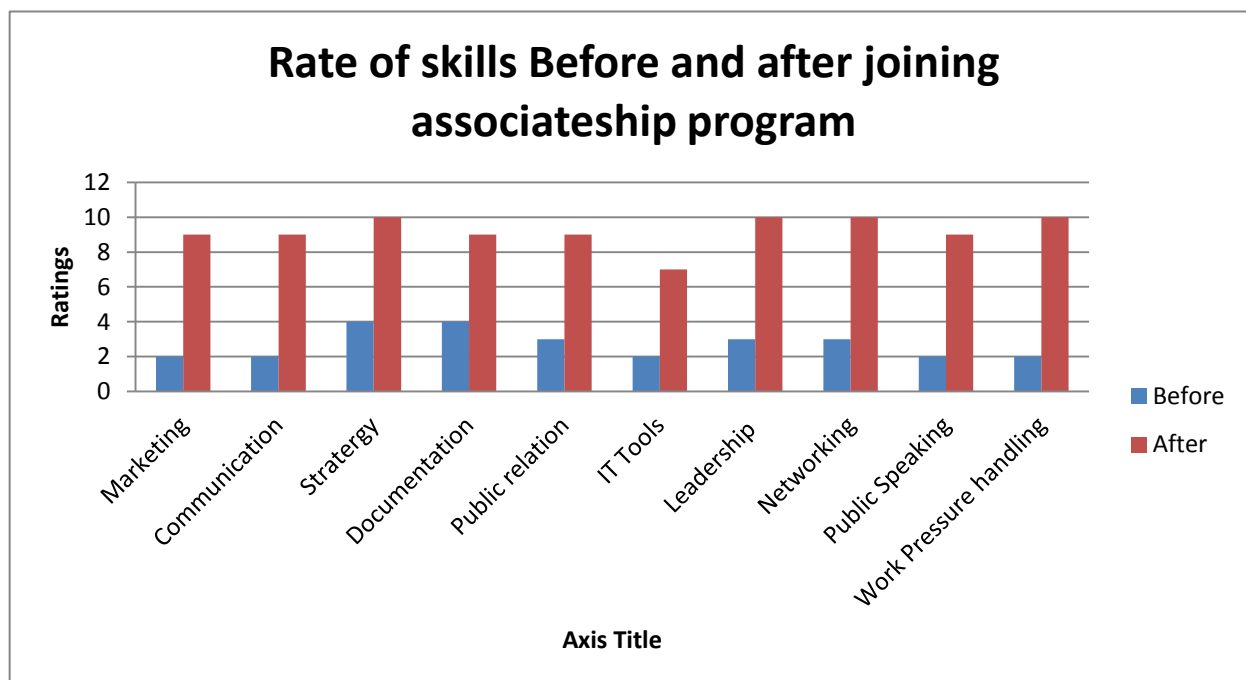
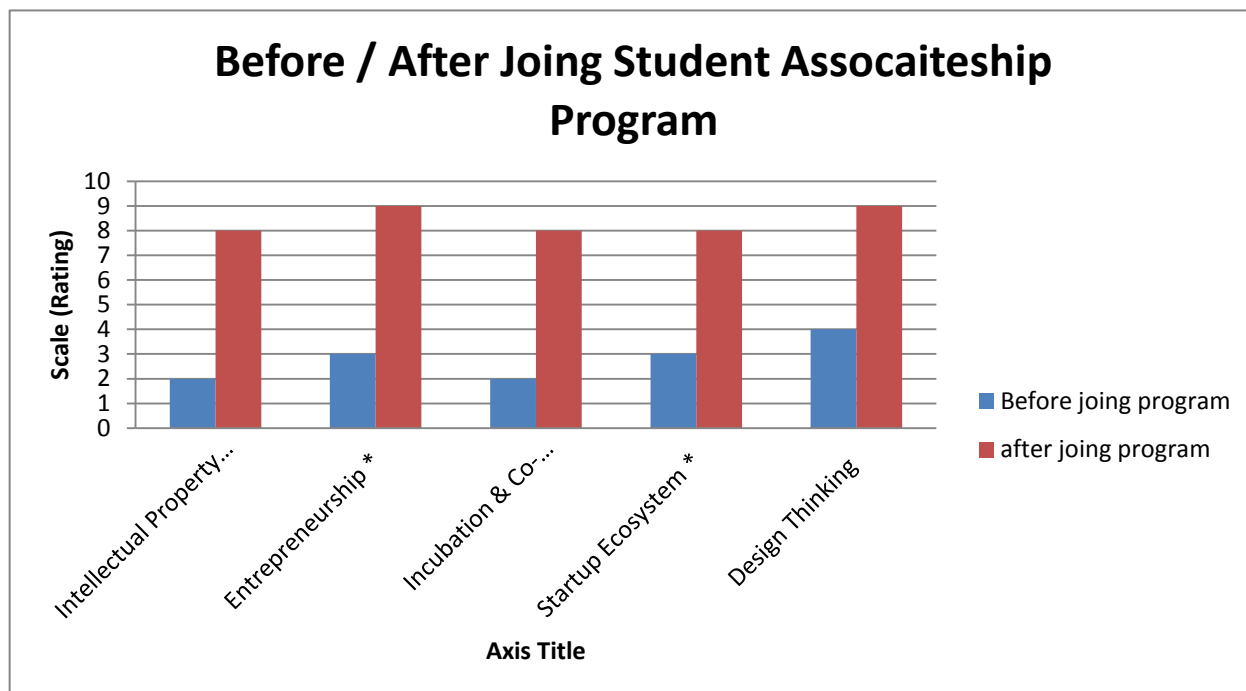
GIC Fellows/Student Associates of 2015-16 awarded by Hon'ble Vice Chancellor on 5th
Sankul Day: http://www.gtu.ac.in/circulars/15June/12062015_11.pdf

Facebook Album: _

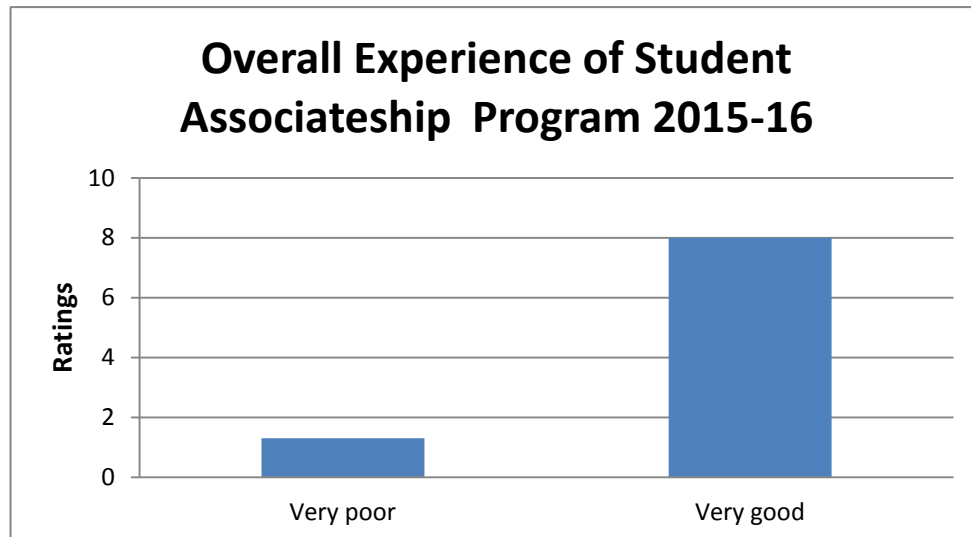
<https://www.facebook.com/media/set/?set=a.762158853914021.1073741992.2024358832.19657&type=3&uploaded=48>

Please refer the FAQ's for any query. For any additional queries, you may contact us at _
associates@gtu.edu.in

Feedbacks of Previous Associates:



- 90% students associates tell that skills acquired in this program will be very much helpful in professional career.



- “Overall it was a marvellous experience organized and managing workshops/events/conferences which are national/international and also college level. Also it was great leading team of Design Wednesday (15 Team Members). Where we all as team worked together organized 24 events with one International Event having 2500+ participants. We all working to enrich tools and methods in Design Thinking/ Design Engineering to all college/students of GTU ”- **Jay Shah**
- “Before being to GIC I always wanted to do practical work rather than only technical knowledge. Wanted to work on innovative projects. Being to GIC was a great experience as mentors helped me in projects also learned various skills in Research and Analysis, Event Management and Marketing etc. To describe my experience in GIC, simply ‘GIC made my journey (personality) from a 0 to 1’. ”- **Bhaktdasi Patel**
- “I have worked as GIC Design associate from July 2015 – February 2016.I was quite curious to know what is Design thinking, how it works, etc. After joining GIC I came to know that it is problem solving tool & why GTU has introduced design thinking, we were learning about design thinking & start ups, simultaneously we were also conducting session for students. We as a team of design Wednesday organized more than 15 events at GIC. My task was to prepare content for promotion of event & to prepare reports of event. My communication, presentation, public speaking skill had improved tremendously. I also got chance to meet start-ups and have networking. Ultimately if I was not at GIC I might not be who I am today.” :- **Ketan Patel**
- “I was joined this program during my 4th sem. Formed a team " StartUp Tuesday " with collaboration of eChai and ran the series of eChai Round Table named activity. It was great platform to met peoples who were having startups in once area of interest. Addition to this opportunity to learn team spirit along with in depth information of startup journey, cycle , problems & their solution. After this we supposed to attain some personality development seminars.Its a very good platform to nourish skill & knowledge. Opportunity to meet and learn new things.” – **Parth Patel**

Sectors for Associateship Program

Student Associate Program is a unique initiative, where a state-run university is providing an opportunity for students to work as Associates. We are looking for individuals who can lead as team leaders as well as have the ability to work as a part of team, in the following areas:

1. Start-up Ecosystem Development & Research
2. Documentation (Content Writer/Report Writer)
3. IT Development (PHP/MySQL/HTML/CSS/Java Script)
4. Graphic Designing (CorelDraw / Photoshop)
5. Film/Video Making/Photography (Cinematography)
6. Marketing
7. Design Engineering
8. Intellectual Property Rights (Patent Cell)
9. Cyber Security and cyber defence
10. S4 activities of different kind
11. Management and coordination of GTU_TBI, SME Nursery, C-i-C3
12. GTU Innovation Sankuls, GTU Innovation Clubs and other associated student-driven activities
13. Management of Bridge course and GTU Rural (Please see Appendix 2)
14. Any other innovative programs taken up by GIC along with Associates and Fellows

The desired work profile of the various areas are as follows:

Start-up Ecosystem Development & Research

Student Associate will help GIC team to build Start-up Ecosystem at GTU. Student Associate will work with various organizations like Incubators, different co-working spaces, crowd funding portals 1etc. Student having work experience with Start-ups will be given special weight age in selection process. Applicants must be passionate about entrepreneurship and be willing to work with entrepreneurs and innovators and help them to sustain their business and innovation models.

Marketing

Student Associate will have to prepare strategies for a massive outreach exercise for student communities about the initiatives of GIC and GTU. The outreach may include virtual or physical task as and when required. Managing social media outreach through various social media platform. Marketing campaigns may include preparation of newsletters and other promotional materials.

Design Engineering

Initiative by GIC to give knowledge of Design Driven Innovation: Student Associates will work with Design Engineering Team at GIC to achieve the team goals. (Students who are interested in Design Engineering, can select this as their area of work in this program.)

IPR (Patent Cell)

Selected Student Associates will help create strategy involving patents and intellectual property rights. The Student Associates will work with the cell that trains and provides adequate support to people interested in understanding the fundamentals of patents and intellectual property rights.

Documentation (Content Writer/Report Writer)

Student Associate will manage the regular documentation of each event/workshop taking place at GIC. A major part of the role will be to monitor and evaluate the processes through needs assessment, self-report questionnaires and focus on group discussions. Student Associate must be meticulous and have an attention to detail with accuracy. Student Associate must write individual pieces, including using the technical skills of writing and being able to structure and plan individual content. Student Associate should also look at editing, revising and reviewing work especially in response to feedback.

Information Technology (IT)

Student Associate should have an understanding of one or more areas out of the following:
– Concept of OOPs, PHP, MySQL, HTML, CSS, JavaScript & Open Source Development.

Graphic Designing (Corel draw & Photoshop)

Student Associate will use computer software like Corel draw or Photoshop, to communicate ideas that inspire, inform, or captivate viewer. They will develop the overall layout and design for advertisements, brochures and other design materials.

Film/Video Making/Photography (Cinematography)

Student Associate will be responsible for assembling recorded raw material into a finished product that's suitable for broadcasting. The material may include camera footage, dialogue, sound effects, graphics and special effects. Creative mind and storytelling skills will be added as an advantage.

Standard Process to get enrolled as Associate of GIC :

1. Current students from colleges affiliated to Gujarat Technological University (GTU) can apply for this program, link of form is available on website of GIC(GTU Innovation Council) <http://gtuinnovationcouncil.ac.in/sap/>.
2. Circular for Student Associateship and Fellowship Program should be uploaded in GTU website and GIC website 1 months before the tenure for Associateship Program starts (i.e.: in June).
3. Mostly, Tenure for Student Associateship and Fellowship Program to start from June to February.
4. After the Form is filled online then it is reviewed by the coordinators of Associateship Program. If your skills meet the necessary requirements for the position, you may receive a call from GIC or you get a confirmation mail for further procedure/level for qualifications.
5. After being selected , you will be requested to bring resume and photocopies in Interview Session.
6. You will be interviewed by the recruiter/panellist of GTU Innovation Council for the position, depending upon the sectors you have opted for. Interview will be based on what you know regarding the different sectors you choose.
7. Those students who get selected in Interview procedure will be selected an Associate and will be working with GIC to enrich all the agendas/goals/works of GIC for the said tenure for 6 months.
8. He/she will be awarded/ certified by Vice Chancellor of GTU on 14th February, on Innovation Sankul Day.

Note: 1) If you want to be considered for Student Associate ship , you must apply online.

2) There is no financial incentive for students, associated with this program. Students will get Activity Points for their work at GTU Innovation Council.

Apply for Students Associate Program 2016-17:

GTU is the only state-run university, which is providing an opportunity to undergraduate students/post graduate students to work as Student Associates. This gives an ample scope for a student to find a position suited to his/ her needs.

Registration link: <http://gtuinnovationcouncil.ac.in/sap-apply/>

Link of details related to Student Associateship Program 2016-17:

<http://gtuinnovationcouncil.ac.in/sap/>

Essential characteristics of GIC Associates:

1. Enthusiastic and Self-driven.
2. Technical skills related to ICT.
3. Leadership & Interpersonal Skills.
4. Curiosity to learn & Implement new ideas.
5. Ability to complete work in time.

Note: There is no financial incentive for students, associated with this program. First Year Students will get [Activity Points](#) for their work at GTU Innovation Council.

Timeline for Student Associateship Program (SAP)2016-17 (Example) :

16/04/2016 – Last date to apply for SAP

25/04/2016 – [Phase: 1] Declaration of shortlisted candidates [In reference to Application submitted online]

26/04/2016 – [Phase: 2] Aptitude test/Interview of shortlisted

30/04/2016 – Final Declaration of selected students for SAP

Results of all Phases will be declared on: <http://gtuinnovationcouncil.ac.in/sap/>

Evaluation Criteria for Student Associateship Program 2016-17

Note: The following table provides a general idea about the way evaluation is done.

Areas of Student Associateship program 2016-17	Sr. No.	Sub Activity Head	Evaluation Criteria / Points to Assigned to an Activity	Total Points	Minimum points required to earn Student Associate certificate
Startup Ecosystem Development and Research	1	Start-up Analysis	25	100	80
	2	Research on start-up funding and others	20		
	3	Arranging an expert lecture on start-up ecosystem	10		
	4	Arranging series of Start-up round tables	30		
	5	Documentation of entire work done in Startup Ecosystem Development and Research	15		
Documentation (Content Writing/ Report Writing)	1	Minutes of Meeting/ Event notes	30	100	80
	2	Report writing	40		
	3	Newsletters content writing	15		
	4	Promotional content writing	15		
IPR/Patent	1	Patent Research & Analysis	35	100	80
	2	Policy and Practice Research & adaption	25		
	3	Content Preparation & Report writing	20		
	4	Adoption of Innovative Practice & Event Management	20		

Graphic Designing (CorelDraw/Photoshop/any related software)	1	Photoshop graphic/ Corel draw graphic	70	100	80
	2	Helping hand to start-up	10		
Film/Video Making/Photography (Cinematography)	1	Making short film/documentary for Events	80	100	80
	2	Making videos for promotion	80		
	3	Photography	80		
Design Engineering	1.	Documentation Report writing, minutes of meeting, mails etc.	100	100	80
	2.	Event management -Design of an event. -Get the expert. -Reach out. -Post event work (newsletter)	100		
	3.	Research on design thinking -Existing research. -Future scope.	100		

Note.1: For other Areas of Student Associateship program 2016-17, evaluation criteria will be determined jointly by GIC along with Associates/ Fellows.

Note.2: After successful completion of student associate program, students who have joined BE in the academic year 2016-17, can earn a total of 15 points as per 100 activity points of GTU.

To learn more about 100 activity points please visit the circular at:

http://www.gtu.ac.in/ImpCircular/Circular_4_100%20Activity_Points.pdf dated 21st July 2015

For detailed guidelines, please visit _

http://files.gtu.ac.in/circulars/15DEC/16122015_01.pdf

Benefits

- A Certificate of Associate from GTU.
- Associate will get Activity Points for their work at GTU Innovation Council which will be helpful for Academics.
- A special invitation to attend our Events, seminars, workshops, boot camps at GIC.
- Value addition in the form of exclusive resources provided to Institute Ambassadors only.
- Support to conduct sessions based on Entrepreneurship at your own campus.
- Get Privileged access to all Events at S4-C3.
- Recognition in the form of name integration of all the Associate members on the GIC website & through social media.

Rewards

- Best working Associate will receive special appreciation by posting their name on various social media and the official website of GIC.
- Depending on the work done by the Fellow and the innovative & entrepreneurial scene, he will be selected as the 'Best Associate' and a precious and unforgettable appreciation from GIC.

Facebook Album:

<https://www.facebook.com/media/set/?set=a.762158853914021.1073741992.202435883219657&type=3&uploaded=48>

You tube video of Associateship program 2015-16:-

<https://www.youtube.com/watch?v=DDfCTkZhmFs>



(Felicitation of some Associates/Fellows of GTU Innovation Council)

Media Coverage



(Student Associateship Program 2016-17)



(International Design Conference on 4th and 5th Jan 2016, “Infusing Design Thinking in Engineers Mindsets across Industries & Building a spine of Design Engineering Courses in Academia” by Design Team, GTU and Design Associates of GTU innovation Council)



(Hackathon (Students started 36 hrs. work to create Digital solutions for social problems):- <https://egtu.wordpress.com/2015/10/27/smart-village-concept-in-demand-at-gtu-hackathon-2015-code-for-gujarat/>)

Other Media Coverage's:-

1. <https://egtu.wordpress.com/category/coverage/>
2. <http://gtuinnovationcouncil.ac.in/mediacoverage/>
3. <https://www.youtube.com/user/gtuinnovationcouncil>
4. <https://www.facebook.com/gtu.innovationcouncil/>
5. <https://twitter.com/GTUIC>

Frequently Asked Questions (FAQs)

How can I apply for this Associates program?

Students can apply for this program through the link at
<http://gtuinnovationcouncil.ac.in/sap-apply/>

Is this a paid Program?

This is an unpaid Associates Program. Candidates will get citation and certificate after successfully completing the program.

How does the hiring process work?

Once an application is submitted online, it is reviewed against the requirements for the position. If your skills meet the necessary requirements for the position, you may receive a call from GTU Innovation Council for a more in-depth conversation about your resume and qualifications. You will be interviewed by the Recruiter and/or the Hiring Manager for the position, depending upon the position. An offer will be extended to the strongest candidate for the role.

What is the timing for the Associates hiring process?

The Associates hiring process takes approximately two weeks from the first contact with a recruiter until Associate is selected. We may not be able to call you due to high volume of applications, but you may call and mail for confirmation after 15 days of your application.

When will I hear about the status of my application?

As positions are filled, candidates will be notified via phone and e-mail of their status.

How many Associates opportunities are available?

Associates positions are posted according to GTU Innovation Council needs. So we cannot supply an exact number of available spots.

Do you have opportunities for MBA's and MCA's?

Yes. We do look for students who meet our necessary requirements.

What do I do if there isn't an associate's opportunity that interests me at this time?

If you want to get ready now, create your profile. Then, come back later and apply for positions that match your qualifications and interests.

Will I get Certificate at the end of Associates program?

Yes. After successful completion of the said tenure, a certificate from GTU Vice chancellor on the Associates Program will be awarded to the Associates.

Should I send a copy of my resume via regular mail?

No please. If you want to be considered for Student Associateship, you must apply online. (There can be a few exceptions. Thus Graphic Designing candidates should share their balance link of portfolio.)

Where is Associates opportunities located?

The majority of our Associateship opportunities are located at GTU Innovation Council (GIC) office. However, many of positions at GIC can be done virtually.

Appendix 1:

A Brief Note on GTU Innovation Council (GIC)

1. GTU Innovation Council:
 - o The **most active innovation council of India**
 - o Established on 2nd Aug 2010
 - o IPR workshops started on 3rd Sept 2011: Today, GTU is the leader in the number of preliminary number of patents filed during the last four years
 - PSAR reports: 4,50,000 reports prepared by students
 - Offering unique IPR Certificate and Diploma courses
 - o GTU Student Start-up Support System (S4): working since **February 25, 2012**.
 - o The S4 Co-Creation Centre (S4-C3): started on 2nd **March 2013**.
 - o The C-i-C3 (Community innovation Co-Creation Centre): working since **1st May 2013**.
 - o Design Thinking: Leader in infusing the 4-year BE program with Design Thinking

--The state of Gujarat can use GTU's experience for promoting innovation and IPR activities.

2. GTU has been working on **pre-incubation start-up activities** for many years and undoubtedly **GTU is a leader** for such activities in India. (In Gujarat, there has been an IIM Incubator for many years.)
3. **In 2014**, GTU Policy on Student Start-ups and GTU Policy on Skilling Mission was released by the Honourable Minister for Education. These were **the first such policy documents, prepared by any affiliating-type university**.
- 4.

Policy Frame-work

Policy Study selected Associates/fellows will help in developing university based innovation, design, entrepreneurship & academic policy tool kits. The Associates/fellows will also have to design, test, validate, iterate & implement various policies.



GTU has taken two important steps after organizing multiple meetings and workshops with experts in Start-ups. These initiatives are likely to boost the culture of entrepreneurship across its 500 plus colleges.

1. Release of GTU Student Start-up policy after its National Workshop in November 2014: This policy has created a conducive environment for student start-ups.
2. Empanelling Technology Business Incubators with GTU for introducing Minor/Specialization in Technology Entrepreneurship, where students may take up this additional optional learning at TBIs.

GTU S4 (Student Start-up Support System) has set up a Policy Incubator where various policies – relating to student start-ups- are discussed, debated and are put under pilot testing mode. The objective of the Policy Incubator is to hold dialogues, discussions, and conferences for a wider perception of the needs of start-ups and to learn from best practices. GTU then develops the next practices for student entrepreneurship across the State university systems.

On November 21-22, 2014, GTU and AICTE jointly 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>).

Note:- Now the policy is used by many universities in India

Links to references to Policy frame works in GIC and media:-

- a) <https://egtu.wordpress.com/2016/05/18/aicte-prepares-to-implement-start-up-policy-for-technical-institutes-from-july-august/>
- b) <http://gtuinnovationcouncil.ac.in/circulars/>
- c) <http://timesofindia.indiatimes.com/city/coimbatore/AICTE-mulls-policy-to-help-students-launch-own-startups/articleshow/52876958.cms>
- d) **Student Startup Policy:-**
http://files.gtu.ac.in/circulars/14DEC/05122014_02.pdf
- e) http://files.gtu.ac.in/circulars/16May/17052016_15.pdf
- f) <http://www.gtu.ac.in/Media/Apr15/26042015.pdf>
- g) http://files.gtu.ac.in/circulars/16Feb/04022016_01.pdf

5. GTU is **the only State Technology University in India** that has been selected by the Dept. of Science and Technology, Govt. of India, to set up a full-fledged **Technology Business Incubator (TBI)** to help student start-ups *end to end*.

In 2016, the document on GTU Policy & Procedures for the Technology Business Incubator was released by the Honourable Cabinet Minister for Education and the Honourable State Minister for Education.

GTU can help build in Gujarat a robust university start-up ecosystem in Gujarat through its **Policy Incubator** and its proposed **Centre for Innovation & Entrepreneurship**. The Centre will carry forward various efforts on innovation and start-ups, develop pedagogic tools and processes which will be shared with all for state level start-up ecosystem development.

5. Setting up the Community Innovation and Co-Creation Centre (CiC3) – for giving to students a platform to design, build and innovate to solve local challenges –during afterhours and on holidays. These are like Fab Labs of MIT or the Tinkering Lab at Cornell University.
 - Students work at the Centre till midnights and beyond.

Other Activities:

- **8 – 9 August, 2015:** Visit of **Prof. Jimmy Gandhi is Director, Ernie Schaffer Centre for Innovation & Entrepreneurship at California State University, Northridge, USA** and Two Day Workshop on 'The Roles of Governments, Universities and Financial Institutions in facilitating Student-Start-ups'
- **28th and 29th May, 2015:** Visit of **Dr. Ranji Vaidyanathan, Riata Faculty Fellow, School of Entrepreneurship, Spears School of Business, Oklahoma State University, USA** and a two day seminar on 'Challenges and Opportunities in Building Start up Ecosystem in the State' was organized to discuss the role of governments in building a start-up ecosystem in the state and a round table of Vice Chancellors to discuss offering additional credentials in Technology Entrepreneurship.
- **November 21-22, 2014:** GTU and **AICTE** jointly organized a National Workshop on Development of Policy Framework for Innovation, Student Entrepreneurship & IPR for Universities with a Large Number of Affiliated Colleges

PLANS FOR THE NEXT FEW MONTHS:

6. At **Ahmedabad, Rajkot , Surat , Vadodara**, GTU wishes to set up four **world class Innovation & Incubation Centres**, which will be linked to world class accelerators and other start-up support system globally. These will be hub for innovation and start-up activities catering the need of nearly 100,000 students in every region.
7. GTU can help as the nodal centre for IPR support to innovative students /teachers to protect their innovations to support 200 patents every year. At present the IPR support system is highly centralised which do not serve the purpose to cater the need of students from all over state particularly in affiliated type universities.

Some of the activities, promoted through/ by GIC:

1. **GTU Innovation Sankuls** (A framework for facilitating an active connectivity of Colleges with industries): There are 25 Sankuls, distributed geographically all over Gujarat. Every Principal. Director of every College is a Member of one of the Sankul Committees. Every Sankul Committee is co-chaired by
 - (i) **Co-Chair (Academic)** – a senior academician of the area of the Sankul and a
 - (ii) **Co-Chair (Industry)** - an industry Leader of the area of the Sankul
2. **GTU Innovation Clubs:** Every College, affiliated with GTU is required to have an active student-driven entity called the Club.

3. Students Start-up Support System (S4): - To help the budding student entrepreneurs to acquire the skill-sets, which enable them to innovate and develop technology-based student start-ups: S4 continuously organizes hands-on learning workshops.

Some examples:

- a. Social Entrepreneurship boot-camps,
- b. Flash Ventures (ideation workshop, which goes through stages of problem identification, problem solving and 'customer' interviews, prototype designing, and design-re-design loop),
- c. 'Fuel Pad for Ideas and Start-ups' (a series of activity parts for learning various systematic strategies to develop an idea from scratch),
- d. hackathons,
- e. start-up RoundTables (of students and upcoming start-ups),
- f. Startup Analysis Sessions (market research in which start-ups are categorized into market segments and analysed with founder's background, funding type, investors, marketing strategy, product type etc),
- g. crowd-funding initiators,
- h. S4's Policy Incubators (RoundTable meetings of students, Faculty Members and other stake-holders from the society for understanding various aspects of policy issues): Some of the recent ones have been on the status of start-up movement and on the policy regime for start-ups,
- i. Hosting national conferences, workshops and symposia

References:

1. Crowd funding initiator:

- http://www.gtu.ac.in/circulars/14Jun/03062014_02.pdf
- http://gtu.ac.in/circulars/15May/19052015_13.pdf
- http://www.gtu.ac.in/circulars/14Jul/02072014_01.pdf
- <http://www.gtu.ac.in/circulars/14Jul/05072014.pdf>
- <http://www.gtu.ac.in/circulars/14Aug/01082014.pdf>
- <http://www.gtu.ac.in/circulars/14Aug/19082014.pdf>
- <http://gtu.ac.in/circulars/15Apr/13042015.pdf>

2. Flash Venture:

- http://www.gtu.ac.in/circulars/14Feb/13022014_02.pdf
- http://www.gtu.ac.in/15042014/flash_venture_for_first_and_2nd_year_GTU_students_Ne_w_S4_Fellows_Associates_final.pdf

3. Social Entrepreneurship boot camp
 - <http://files.gtu.ac.in/circulars/14SEP/08092014.pdf>
4. Student associateship program
 - Associateship program 2014 – <http://www.gtu.ac.in/circulars/14Jul/21072014.pdf>
 - Associateship program 2015 - http://gtu.ac.in/circulars/15June/12062015_11.pdf
5. Fuelpad
 - - <http://www.gtu.ac.in/22082014/Registration%20for%20six%20evening%20sessions%20program%20-%20Fuel%20Pad%20for%20Ideas%20and%20Start-ups.pdf>
6. Start-up Round table
 - http://www.gtu.ac.in/circulars/15Mar/20032015_02.pdf
7. Mobile application boot camp/ hackathon
 - <http://files.gtu.ac.in/circulars/14SEP/09092014.pdf>
 - http://www.gtu.ac.in/circulars/14Aug/16082014_01.pdf
8. Start-up analysis
 - http://www.gtu.ac.in/circulars/14Apr/10042014_01.pdf

Note:-

While every efforts has been made to ensure the correctness of the contents of this guideline, any error(s)/deviation(s) noted may be brought to notice of Mr. Jay Shah, Fellow, GTU Innovation Council, at "jayshah0794@gmail.com" for corrective measures.

SOP(Standard operating Procedure of Student Associateship and Fellowship Program) By :-

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