

Gujarat Technological University

Inviting GTU Degree Engineering student (Sem 3, 5 & 7) with Entrepreneurial mindset to apply for Minor/Specialization in Technology Entrepreneurship

Last date for application is 30th July, 2015

Importance of having a Minor?

The rapid growth of computers, Internet and smartphones is changing the world at a speed never before seen in history of humanity. Technology is now the backbone of all industries like Banking, Stock Markets, Television, Mobile Networks, and Logistics etc. and thus leading to an inter-connected world.

This exciting period is creating many revolutionary shifts that was un-imaginable just a few decades ago. For example,

- The world's largest media company (Facebook), does not create any content on its own
- The world's largest retail company (Alibaba), does not own any of its warehouses
- The world's largest taxi rental company (Uber) does not own any taxis
- The world's largest room rental company (AirBNB) does not own any of its rooms.

All these companies were created as startups with just a group of 4-5 people coming together. In India, many new startups like Flipkart, Ola, Housing, Zomato etc are being started by youth. These new age startup companies need employees with new age startup skills. GTU recognizes that there is no age to innovate a new product, technology and create startup companies even while student is in college.

GTU is now partnering with India's leading Startup Incubators to create an **Additional Learning Opportunity** which will allow students to come together in groups to create new startups and in the process make the students skilled for a better job opportunity.

As an additional learning opportunity, Students will be able to develop **final year project at TBI** and can start working on the ideas right from first year of engineering.

What is the Minor/Specialization Degree?

The concept of having a Major Degree (Like electronics, computer science, mechanical, civil etc) and then having an additional Minor degree was available only in foreign universities like Stanford, Harvard, MIT etc and IIT's in India till now.

Recognizing the global changes that are happening, for the first time in India, GTU is introducing minors and specialization in technology entrepreneurship for its engineering students where this additional learning will be provided by GTU approved Technology Business Incubators (TBI). Students can now major in any subject like electronics, computer science, electrical, mechanical, civil etc, and do a Minor/Specialization in Technology Entrepreneurship.

How do you get Minors/Specialization?

Just like one cannot learn how to play a guitar from a book, but only by actually taking a guitar and practicing, startup skills cannot be learnt from theory but by actually practicing it. GTU offers two tracks of learning in Technology Entrepreneurship.

1. **Minor in Technology Entrepreneurship** – Student will get registered with GTU approved TBI in a team and will have to get 15 additional credits to get minor in Technology Entrepreneurship. This will include learning two courses through MOOCs suggested by Technology Business Incubator and taking Minor Projects, Boot Camps etc.
2. **Specialization in Technology Entrepreneurship** – Student will have to get registered with GTU approved TBI in a team and have to form a startup team (4-5 people) and achieve one of the following milestones
 - a. Raising Funding of 5 Lacs for your startup
 - b. Generating Revenue of 2.5 Lacs for your startup
 - c. Creating Profits of 1Lacs in your startup
 - d. Getting a Patent Granted for the technology your startup develops.

How different is Minors from the Major area of study?

While in the Major Degree, more theory in core-subject is emphasized with practical labs, the Minor Degree has emphasis on practical application of knowledge. It also lets the student choose what knowledge to learn and when based on their estimation for their startup.

Here is a table that compares both Major and Minor across multiple areas of study.

Area	Major Degree through College	Minor/Specialization Degree through Technology Business Incubator
Focus	Your primary or major area of study	Your secondary or minor area of study
Admission	Individual gets an admission	Incubators admits a team
Learning	Teachers and guides lecture you about topics	Mentors help you out, but self-learning is emphasized

Duration	A structured duration of semesters or thesis evaluations	You learn at your own pace and you move ahead when you are ready
Evaluation	Theory exams, with practical labs	Practical results that you produce with your knowhow
Graduation	You score above the pass percentile and get a job, or you go for higher education	Six Ways to Graduate 1. Get funded 2. Get into a startup accelerator 3. Get acquired 4. Get sustainable as a business 5. Get a better job 6. Go for higher studies

How is Additional Learning reflected in your Degree Certificate?

The Additional Learning obtained by student will be reflected in the Degree Certificate as **“Bachelor of Engineering in X (Civil, Mechanical, and Computers etc) with Minor/Specialization in Technology Entrepreneurship”** or through a separate certificate issued by GTU. GTU is providing the additional learning opportunities only through partner Technology Incubators of GTU.

To apply for Additional Learning Courses in Minor and Specialization, please register with basic information about your team at <http://goo.gl/forms/6KpriKYFDg>

Last date for registration is 30th July, 2015

Note: GTU will organize mentorship program for the interested student teams to help them build their start up proposal in the first week of August.