

GUJARAT TECHNOLOGICAL UNIVERSITY

(<http://www.gtu.ac.in/>)

Circular for all Degree Engineering Colleges affiliated with GTU:

Final Year Project work for 2015-16

1. Kindly refer to the circular: http://gtu.ac.in/circulars/15May/13052015_11.pdf

For students, who are about to finish their Final Exams of the sixth semester and who are to begin their studies of the seventh semester on 15th June 2015: Every College should organize a few training sessions for such students so that they are well-equipped to go for searching for the problems for their Final Year project to the industries.

The Suggestion for such a Program:

- It may be a 3-day program. (Details are given in Appendix 1.)
- It should be declared by the last day of examination of 6th Semester so that all the students may be able to benefit from the program.

(Many Colleges may have already provided such training sessions during the sixth semester. The report from one such College was that the students had used some week-ends during the sixth semester for the Industrial Shodh Yatra and as many as 60% of the students had already found IDPs for their Final Year Project of the 7th and the 8th semesters.)

The efforts, made by students during Industrial Shodh Yatra (ISY) are an essential part of the Final Year Project work.

2. Capacity –Building Program at GTU for Faculty Members, who manage the Industrial Shodh Yatra and other work relating to Final Year Projects: Two Days Workshop for GTU Innovation Club Coordinators (GIC clubs) affiliated to all Degree Engineering Colleges of GTU on **15th and 16th May 2015:**

- Every College should send its GTU Innovation Club coordinator to attend the workshop. For details, please see: http://gtu.ac.in/circulars/15May/11052015_01.pdf

Appendix 1 giving suggestions for the Workshop is on page 2.

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Appendix 1:

THE SUGGESTED PROGRAM

for a

3-DAY WORKSHOP

Soon after the 6th Semester BE examinations are over, each college may arrange a three full day program (either branch wise or combined) The Workshop should be designed to provide preparatory interventions for the summer Industrial Shodh Yatra (ISY) for the Final Year Projects.

Day-1: During this program each GTU Innovation Club coordinator/ other suitable authority/ faculty members will explain the new guidelines about IDP/UDP process, process of summer Industrial Shodh Yatra (ISY), basics of IPR, Design and innovation and entrepreneurial initiatives of GTU. By giving early exposure, university wish to give thorough clarity to students right from the beginning of the process to optimise their output. Necessary contents, PPTs, literature and other resources will be shared with all innovation club coordinators who will be participating above two day workshops at GTU on 15th-16th May 2015. They have to deliver the things to each single student in the campus after going back to their college after 18th May 2015. Along with the GTU Innovation Club coordinator, faculty members who have been trained in IPR, Design , college GTU innovation club members and similar authorities can assist the process. During this day college authorities may share some good case studies of their college based on real life projects by past students which might have done impact or explain strategies how to combine all learning of past six semester and build a impacting final year project in next 1 year.

Day-2 and 3: During these two day program the same set of students need to be trained about basics of Design Thinking , Empathy process of problem scouting (which they will use during summer Industrial Shodh Yatra to find a project/problem definition based on scientific approach), how to adopt structured process like (AEIOU in design thinking) to find and codify their problem definition etc. GTU has informed every college principal about the faculty members who have been trained in Design thinking through series of GTU FDPs. Each college have to engage those set of faculty members to organise these two day workshop in respective branch or college. These two day activities have to be organised in hands on mode. (Not lecture mode).

Please send a copy (word file) of such a report to GTU by mailing at design@gtu.edu.in so that the report may be shared with the GTUI community. For any query or assistance, please write to design@gtu.edu.in or gic@gtu.edu.in.