General Guidelines for the

Project – I & II (Diploma Engineering Semester 5th & 6th)

Each final year Project will be a Major Project. It will be divided into two Semesters

of work and having total marks of 450 .

1) **Project – I: (Marks: 150) , Credits : 0 – 0 – 4**

   Semester 5th, teaching scheme is 0-0-4, with 4 credits worth of 150 marks

   (Out of 150 marks, 50 marks are to be given for Problem Definition. The college, through internal evaluation, will assess the Industry Defined problems, submitted by students during the third week of the fifth semester. The remaining 100 marks are for the practical exam, to be conducted by the University.)

2) **Project – II (Marks:300) , Credits : 0 – 0 – 12   or 0 – 0 – 14 (As specified in the programme structure)**

   Semester 6th, teaching scheme for the project is 0-0-12 or 0-0-14,having 12 or 14 credits according to the branch. During the 6th semester, the project will carry 300 marks out of that 200 marks for External University Examination and 100 Marks for Internal Evaluation.

   Note:
   The format for problem definition may be specified by dept. /college. The common form for the problem definition **can be downloaded from GTU website**. (Click here)

Procedure:

a) Each   defined   project   needs   to   be   from   Industry/Research organization/Govt.organization/socio-technical/technology transfer/application or action research based issues and according to the need of time for solving real life problems.
b) Project identification should be based on "Shodh-Yatra" carried out by the students just after completion of Diploma Engg. Semester 4th Examination. It should be completed till the   end of Second week   of August-2011 ⁽5th semester).
c) Problem definition for the project needs to be submitted by every student in THIRD week of the August (5th Semester) to his/her college.
d) Each definition will be evaluated during FOURTH week of August-11(5th semester) itself by the College.
e) Every College should send all the Problem Definitions in the specified format to GTU before **5th^h September, 2011.**

Facilitation:

You may contact your Udisha Club Co-ordinator/Faculty/Department/Principal or Chairman/TPO of your Sankul for arranging "Shodh-Yatra" to the industries.

Guidelines for the students:

1. The students are required to identify their problem during break between fourth and fifth semester and they are required to follow all the rules and instructions issued by department, for safety and other requirements.

2. Each student or student group would work under the guidance of the Faculty from the College. In case any problem/other issue arises for the smooth progress of IDP discovery/Practical Training, it should be immediately brought to the notice of the Udisha Club Co-ordinator /Faculty /Department/Principal or Chairman of your Sankul.

3. The students are required to submit the Problem Definition (in the specified format) to their Head of the Department in their College latest during the THIRD week of August-2011

N.B.:- For any query please mail to **gtu_innovation_council@gtu.edu.in**

FAQ for Final Year Project

- The final year project is divided into two semesters(5th & 6th) which should be based upon a real-life problem of an industry[1].
- If a faculty member, using his experience, gives a problem to a student for his/ her final year project, the student can use the problem to write the IDP. However the IDP proposal, will have to be submitted in the required format.
- The students will scout for the Industry Defined Project(IDP) before commencement of 5th. Within three weeks of commencement of academic session, the student will take review inputs from the faculty member, who is to be his Guide for the project. He will then submit a report on the problem to the HOD.
- The final year project will be designed to develop a better product,a better process, or application.
- The number of students per group for a project has to be decided by the colleges.
- Any student can go to any industry in or outside his Sankul. (25 GTU Innovation Sankuls have been established across the State).
- The students can take inter-disciplinary projects during the final year after consultation with the corresponding Guide in respective colleges.
- The pre-final year students may seek the help of Udisha Club Patrons / Co-ordinators for assignment to an appropriate industry.
- The pre-final year students have to contact the corresponding Udisha Club Members and Departmental Coordinators,training Placement officer of their college for any necessary assistance for scouting IDP. The Principals of the colleges are required to coordinate with Sankul Co-Chairman(Academic) for any assistance. The Sankul Co-Chairmen of each Sankul may have established linked with the industry clusters in the region.
- The students can choose an industry not mentioned in the list provided for reference by GTU Innovation Council .
- The students have to mention the name of the industry / source of the industry defined project while submitting the project definition as mention in the guidelines. (In some cases, the industry may jointly mentor and evaluate the progress of the project during the academic year).
- GTU Innovation Council will award for the best 3000 (1000 each in degree Engineering, Dip Engg and Masters) problems/project definitions.
- Those students who have already undergone the training or industrial visit can define a project definition from the respective industries, based on the training or industrial visit.

The detailed format for industry defined project scouting is posted at the GTU website. A Department may modify the format for all its students. The students will have to submit the problem / project definition to the concerned college in soft copy. The problem definition should have content as per the given guidelines including details of previous attempt to solve such problems / projects and the proposed ways to solve the problem / process by the concerned student or the team of students in particular college while developing it in his/her final year.

[1]*For IT projects, if a student is able to complete the project work during the fifth semester, he/ she may apply to the HOD for permission to take an additional project during the sixth semester.*