

## **IDP Part-I Project Report Guideline**

### **GUIDELINES FOR PROJECT 1 AT Diploma ENGINEERING EXAMINATIONS**

The following document provides the Guidelines for Project 1 at the fifth semester of Diploma Engineering Colleges. These have been prepared by the Council of Deans for Diploma Engineering Programs so that students can present their work of the full semester well. **However if a College has got the Reports prepared by its students in a different format, the students may not be asked to change the format.** If the Principals/ Heads of Departments of the College find that their format has some merit, as compared to the format, specified in the following Guidelines, they may write to [gic@gtu.edu.in](mailto:gic@gtu.edu.in) so that the Council of Deans for Diploma Engineering Programs may use the information to improve the Guidelines.

### **GENERAL PROJECT INSTRUCTIONS:**

1. The total EXAMINATION timing PER TEAM will be approximately 20 Minutes including Presentation & Viva. Presentation has to be via PPT, preferably.
2. Please ensure that the feedback form about the project is filled for every project separately by every external examiner.
3. Each student has to prepare and submit Spiral bound Report with CD-R (including CD case), consisting of .doc & .pdf format of report and .ppt format of presentation. The Report may be submitted to the Department within one week of the Project Viva Exam, after incorporating all the corrections, pointed out by the examiners.
4. All copies of the Report with CD-R (including CD case) has to be submitted in time. Total Copies of project Report = Student's copy + Copy for College Guide + Department Copy + Copy for External guide(s) who had allocated the project definition ( if any)
5. GTU Coordinator of corresponding colleges in Polytechnics has to upload the soft copies of the projects on MI portal of GTU soon after

the project examinations get over. GTU will preserve the soft copies of projects via this.

**Regarding the Industry Mentor as a Member of the Examination Committee:**

The Principal/ Director of every Diploma Engineering College/ Institute may invite the industry mentor of a project to be the third member of the Examination Committee.

*Note: The University will pay the Travelling Allowance as per the University norms to the industry mentor, when he works as the examiner.*

**Format**

- The Certificate format should be as per the format given herewith.
- The Report can be in 5 chapters
  - 1) Certificate
  - 2) Acknowledgement
  - 3) Abstract ( In One paragraph not more than 150 words)
  - 4) Index
  - 5) Chapter-1 Industry Introduction (Highlighting the Type of Industry , Processes , Equipments , the scale of Industry and the end product users of
  - 6) Chapter-2 Problem Identification and Definition, process modification ,
  - 7) Chapter-3 The Whole Industrial Process and problem study.
  - 8) Chapter-4 The Problem solution Outline ( with circuit , analysis the Industry. software , The Newer methods etc. in detail )
  - 9) Chapter-5 The Outline of work to be carried out in sem-VI during Part-II
  - 10) Appendices if any
  
- The Report should include all the Tools details, Manuals, Figures, Charts, Analytical Results, Survey conclusions etc. whatever is applicable.
- It must show the usefulness and application of the IDP.
- The future scope and the possible expansion in the work should also be highlighted so that some other student can carry forward the same IDP in coming years.
- The Report must be signed and approved by IDP Guide and the Head of the Department.

- One copy should be submitted to department and one soft copy for GTU.
- One self appraisal form should be attached at the end by the student in his favour regarding the claim of his work relevance , utilities and materialization as well as the gain in terms of cost -benefits , so that teacher can have ease of evaluation.
- The Report should be submitted before the Practical Exam.

### *Certificate Format*

This is to certify that Mr./Ms. \_\_\_\_\_ having Enrolment No : \_\_\_\_\_ has completed Part-I IDP Project work Having title \_\_\_\_\_.

He has undergone the process of shodh yatra, literature survey and problem definition. He is supposed to carry out the residue IDP Part-II work on same problem during Semester-VI for the final fulfilment of the IDP work which is prerequisite to complete Diploma Engineering.

Guide – IDP

Head of Department

<b>STUDENT'S SELF APPRAISAL FORM FOR IDP PART-I</b>					
<b>As a IDP Group</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
1	All Students of group understood and agreed on how the whole project was broken down into sub-tasks.				
2	Work was distributed according to the skills and knowledge and capacity of each student.				
3	All Students were clear about the time frame and their own responsibilities.				
4	All students involved understood that their work would contribute to the group's success.				
5	Individual difficulties experienced by individuals were discussed in the group and other students helped to resolve the difficulties.				
<b>The Task Execution</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
6	The work was perfectly & clearly distributed among all students.				
7	The timing and sequencing of sub-tasks done to progress stage by stage.				
8	Survey and Data collected were organized systematically for later use.				
9	On-going checking throughout the process was made to ensure that everything was on the right track.				
10	Appropriate corrective measures were taken to handle unexpected problems.				
11	The quality of work produced was assessed regularly during the process and also at the end.				
12	Systematic Survey and Literature study done .				
<b>My Roll in the IDP Goup</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>

13	I tried my level best to accomplish the part I taken and in time.				
14	I tried my level best to complete IDP and produce good quality Solution.				
15	I fell strongly that the group success is my own success.				
16	I feel that this IDP is a Real life Problem.				
17	I learned from other students of the Group.				
<b>Marking : A= Strongly in favour , B = Moderately in favour , C = Not Much , D = Not at all</b>					