

## **DRFT ORDINANCE No. 105**

### **P. G. DIPLOMA COURSE IN INDUSTRIAL SAFETY (PART TIME**

1. A candidate who after passing either of the following examinations and possessing the experience given below are eligible for admission to P. G. Diploma Course in Industrial

(a) A recognized degree in any branch of engineering or Technology of equivalent and has had practical experience of working for a period of not less than two years : or

(b) A recognized P. G. Degree in Physics or Chemistry and has had Industrial Safety Practical experience of working in a Supervisory capacity for a period of not less than five years :

The required experience should be any one or more of the following :

(i) Experience, in manufacturing, maintenance or safety department in an industry :

**OR**

(ii) Experience in research, training or education in the institution.

**OR**

(iii) Experience in a Government Department in Administration of any Safety Legislation.

The above conditions will only be for 'A'

2. A Candidate who, after passing any of the above examinations and possessing experience specified above and has prosecuted a regular course of study in an Engineering college Affiliated to the University and reputed Industry/Industries selected by the College for one and half academic years, shall be eligible for appearing at the P.G. Diploma Examination in Industrial Safety.

- 2a. Every Candidate for P. G. Diploma in Industrial Safety Examination shall be examined in Theory Papers, Sessional, Viva and Project to be divided in three semesters as specified by the Faculty of Engineering.
3. The Topic for Projects and Sessionals work are to be decided in consultation with Faculty Members of the Institution. However, Projects in respect of Paper specified by the Faculty must be based on detailed study in the Factory chosen and the scope of the Project should be as follows:
- (i) To Study the Safety Organisation and Methods in the Factory;
  - (ii) To Examine and Evaluate the Safety Performance of the Factory;
  - (iii) To Study the Causes or accidents with the Particular reference to the prevailing unsafe conditions and practices;
  - (iv) To suggest possible improvements on organisational and procedural aspects as well as on Technical aspects or control of accidents and ill-health.
4. In order to pass at the P.G. Diploma in Industrial Safety Examination, a candidate shall be required to obtain at least 40% in Sessional Work Project Report and 50% in the aggregate of all Theory Papers Oral and Project Reports.
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- (a) An unsuccessful examinee who has failed in one Theory Paper or one Practical shall be placed in compartment in such Theory Paper or Practical. A candidate shall be declared successful at examination if he obtains at subsequent examination the prescribed minimum passmarks in such Theory/Practical in which he has been placed in compartment with the prescribed minimum aggregate marks for passing.
  - (b) If a candidate fails to obtain the prescribed minimum of 50% marks in total aggregate but passes in all Theory Papers, Practicals, Sessional, he shall also be placed in the Compartment in not more than one Theory Paper of his choice. The candidate will be declared successful if he secures adequate marks

in the subject of his choice in the compartmental examination so as to make up the total aggregate to a minimum of 50%

- (c) A compartmental candidate who fails in category 5 (a) and (b) above shall be allowed maximum of one more attempts in the examination.
  - (d) A candidate who fails to clear Compartmental subject of P.G. D. I. Semester Examination shall not be eligible to take admission in P.G.D. III Semester class.
6. If a candidate fails to secure the minimum pass marks in the Sessional, he shall be debarred from appearing in P.G.D. Exam.
  7. The division at the examination shall be awarded on the following basis -
    - 50% and above but less than 65% of the total aggregate marks. II Division
    - 65% and above but less than 75% of the total Aggregate marks I Division
    - 75% and above of total aggregate marks I Division on with Honours
  8. Notwithstanding any thing contained in Ordinance No.6 a candidate failing by not more than five marks, in not more than two theory Papers or Oral or Two Projects Reports or in the aggregate only, shall have his such deficiency condoned to enable him to pass at the Exam.
  9. A candidate failing in the First Semester Examination shall be permitted to appear in the Second Semester Examination, as well as in the subjects in which he has failed in the First Semester Examination, subject to satisfying conditions No. 5 (a) and (c).
  10. The Scheme of Examination shall be as drawn by the Institute.

*Scheme of Papers and Examination*

S. No.	Paper	Marks Theory Paper	Viva Sessional		Total
<b>SEMESTER - I</b>					
1.	Safety Philosophy and Principled of Accident Prevention.	100	-	20	120
2.	Safety Management	100	-	20	120
3.	Safe Working Conditions and their Development.	100	-	20	120
4.	Safety and Law	100	-	20	120
5.	Occupational Hygiene and Health	100	-	20	120
6.	Practical Work	-	50	50	100
7.	Minor Project/Seminar	-	-	50	050
		500	50	200	750
<b>SEMESTER - II</b>					
1.	Environment and Pollution Control	100	-	20	120
2.	Safety in Construction & Erection	100	-	20	120
3.	Safety in Engineering Industry - I	100	-	20	120
4.	Safety in Engineering Industry-II	100	-	20	120
5.	Elective any one of the following	100	-	20	120
	(a) Safety in Iron and Steel Industry.				
	(b) Safety in Cement Industry.				
	(c) Safety i Mines.				
	(d) Safety in Chemical Industry				
6.	Practical Work	-	50	50	100
7.	Minor Project/Seminar	-	-	50	050
		500	50	200	750
<b>SEMESTER - III</b>					
1.	Major Project	-	200	100	300
<b>Total Marks</b>					<b>1800</b>

Note- The Third Semester will be completely devoted for Major Project Work, and Dissertation has to be submitted and there will be a Viva-Voce Examination.  
The Total Marks will be -100 (Sessional) + 200 (VIVA) = 300.