

**CERTIFICATE(DIPLOMA) COURSE IN FIRE& SAFETY
ENGINEERING**

Proposal

**FOR THE APPROVAL OF SUBJECT WISE SYLLABUS, SCHEME
AND CONDITION FOR PASS**

OFFICE OF THE CONTROLLER OF TECHNICAL EXAMINATIONS

Introduction

As per G.O(RT)No.637/2006/H.Edn.dated 30/03/2006 & Letter No.C4/41794/05 dated 14/02/2007 of the Director of Technical Education, the Controller of Technical Examination will Conduct Examination for combined I & II Semester.

REGULATION FOR THE CONDUCT OF EXAMINATION FOR THE DIPLOMA (CERTIFICATE) COURSE IN FIRE& SAFETY ENGINEERING

1. Duration and Organisation of the course:
The course shall be of one-year duration. It shall be organization in 2 semesters, each having duration of 6 months
1. Eligibility for admission
SSLC
2. Scheme of study
There will be 4 subjects in each semester. A project has to be submitted at the end of the IInd Semester. The two semesters will have the following subjects.

Subjects	Sessional (Internal)	Written	Total
Fire Engineering & Science	50	100	150
Fire Technology	50	100	150
Fire Prevention Protection & Safety	50	100	150
Fire Service Organization and Management	50	100	150
Practical	100	200	300
Project & Viva – Voce	100		100
Grand Total	400	600	1000

Total Marks for Combined I and II Semesters = 1000

Regulations for Examination.

1. The Controller of Technical Examinations will conduct the examination in Fire & Safety Engineering.
2. A candidate must secure a minimum of 40% marks in the end examination in each Theory paper, & Practical for a pass in each subject. No separate minimum for a pass in the internal. But the total mark of written examination and the internal mark should not be less than 40% of the total of the maximum for internal & external for each subject.
3. (a) A candidate passing all the subjects in one sitting securing an aggregate of 75% marks and above will be declared to have passed the examination in the First Class with Distinction.
(b) A candidate passing all the subjects in one sitting securing an aggregate of 60% marks and above will be declared to have passed the examination in the First Class.
(c) A candidate passing all the subjects in one sitting securing an aggregate of 50% marks and above but below 60% will be declared to have passed the examination in the Second Class.
(d) All other successful candidates will be declared to have passed the examination in the Third Class.
4. Candidates who fail will have to register for all the failed subjects in the subsequent sittings.
5. Only one examination will be conducted during each year. There is provision for revaluation & scrutiny of marks. The Joint Controller of Technical Examinations will issue certificates to all the successful candidates
6. Candidates will not be allowed to register for the examination piece meal. They shall register for all the subjects in which they have to pass either in the first or subsequent sittings. Contravention of this rule will lead to the candidates being treated as “Absent” for the entire Examination.
7. A candidate will not be allowed to appear for the examination (either Theory or Practical) for more than four chances. They will have to pass the all subjects within the four chances. This clause will be applicable for all schemes.
8. If a candidate desires to cancel his candidature for end examination, he/she should forward duly filled application form recommended by the Principal of the institution where the candidate studied/Chief Superintendent of the Exam centre, so as to reach the office of the Controller of Technical Examinations within 10 days after the completion of the last Theory/Drawing examination. Cancellation is allowed only once. Candidates reported for malpractice will not be eligible for cancellation.

Examination

The combined I & II Semester examination shall be conducted by the State Board of Technical Education.

Award of Internal Marks

Award of Internal marks will be on a continuous evaluation method based on tests, assignments and attendance in the proportion 40% for tests, 40% for assignments/projects/seminars and 20% for attendance. There will be at least 3 tests and 3 assignments per year. The average marks of 3 test papers and 3 assignments are taken into account for the calculation of the Internal marks.

Split up of Internal Assessment

Attendance

Below 60%	0%
60 to below 80%	40%
80 to below 95%	80%
Above 95%	100%

Practical

Observation Note/Rough Record	20%
Fair Record	20%
Attendance (Practical only)	20%
Test/Interview	40%

Drawing

Timely submission, Accuracy & Neatness	40%
Attendance (Drawing only)	20%
Test/Interview	40%

The faculty concerned will maintain a record of all details regarding attendance and Internal assessment marks awarded in the prescribed Logbook. The student can represent their grievances, if any, in respect of marks awarded, to the Principal. The students are required to keep a record of all their Laboratory exercises performed by them in the form of a Laboratory record. This record has to be authenticated by the Teacher in charge and certified by the Principal. No student will be permitted to take any practical examination without record.

The Joint Directors/Officers from the Controller's Office can conduct academic inspection if required.

9. Disputes:

Any dispute arising out of the Rules and Regulations stipulated herein will be decided by the Director of Technical Education. The Director of Technical Education will decide any matter not specifically covered in this Scheme, appropriately.
