

Course Name : 03 Years Diploma in Engineering

Semester : Second

Subject Title : Professional Practice-I

Subject Code : 210

Teaching and Examination Scheme:

Teaching Scheme			Examination					
L TH	T	P	Full Marks.	External Exam Marks	Internal Exam Marks	External Pas Marks	Total Pass Marks	Duration of External
			50	30	20	---	25	---

Rationale:

Most of the diploma holders are employed in industries. Due to globalization and competition in the industrial and service sectors the selection for the job is based on campus interviews or competitive tests.

While selecting candidates a normal practice adopted is to see general confidence, ability to communicate and attitude, in addition to basic technological concepts.

The purpose of introducing professional practices is to provide opportunity to students to undergo activities which will enable them to develop confidence. Industrial visits, expert lectures, seminars on technical topics and group discussion. These are planned in the semester so that there will be increased participation of students in learning process.

Objectives:

Student will be able to:

1. Acquire information from different sources.
2. Prepare notes for given topic.
3. Present given topic in a seminar.
4. Interact with peers to share thoughts.
5. Prepare a report on industrial visit, expert lecture.

Sr. No.	Activity
1	<p>Industrial Visits:</p> <p>Structured industrial visits be arranged and report of the same should be submitted by the individual student, to form part of the term work.</p> <p>Visits to any two of the following :</p> <ul style="list-style-type: none"> i) Construction site for residential / Public building. ii) Petrol Pump iii) Media Center iv) Small Scale industry. v) Domestic Appliances repair centre vi) Visit public utility place
2	<p>Lectures by Professional / Industrial Expert to be organized on any three topics of the following suggested areas or any other suitable topics:</p> <ul style="list-style-type: none"> i) Pollution control. ii) Fire hazards due to short circuits iii) Fire Fighting / Safety Precautions and First aids. iv) Vedic Mathematics and Abacus. v) Topics related to Social Awareness such as –Traffic Control System, Career opportunities , Communication in Industry, Yoga Meditation, Aids awareness and health awareness
3	<p>Group Discussion :</p> <p>The students should discuss in group of six to eight students and write a brief report on the same as part of term work. The topic for group discussions may be selected by the faculty members. Some of the suggested topics are -</p> <ul style="list-style-type: none"> i) Sports ii) Cultural iii) Discipline and House Keeping iv) Current topic related to Electrical Engineering field.

4	<p>Literature Survey Student will be provided an emerging engineering topic for literature survey from Internet and other media. Based on inputs on the topics students will prepare a report and submit the sample for evaluation after due presentation before the faculty.</p>
5	<p>Presentation preparation and demonstration on live socio economics technical aspects. Students in batch of maximum 5 numbers are expected to prepare a power point presentation on a topic with minimum of 20 slides. The topics can be from the following:</p> <ul style="list-style-type: none">a. Rural vs urban divideb. Make in Indiac. Gender equalityd. Satellite launching programs of Indiae. Global Stake in Economics of Indiaf. Super power in making: Indiag. Bottom of the pyramidh. Social Responsibility of Individuali. Swachh Bharat ABhiyanj. Namami Gange Projectk. Digital India