Course Name : Electronics Engineering Group

Course Code : ET/EJ/EN/EX/IE/DE/ED/EI

Semester   : Fifth

Subject Title : Professional Practices-III

Subject Code : 17067

Teaching and Examination Scheme:

Teaching Scheme			Examination Scheme					
TH	TU	PR	PAPER HRS	TH	PR	OR	TW	TOTAL
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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 are planned in a semester so that there will be increased participation of students in learning process.
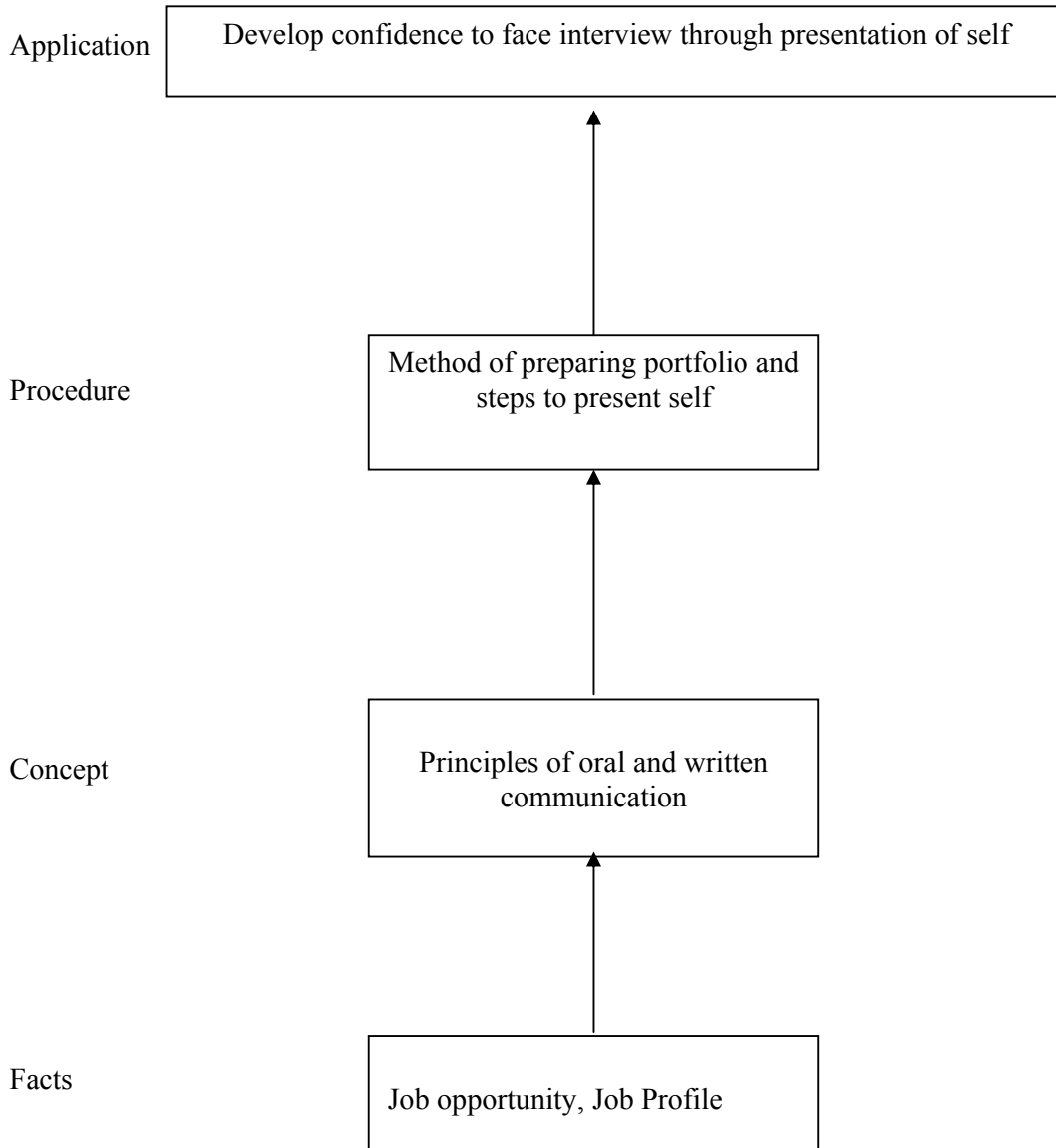
Objectives:

To develop the following skills:

Intellectual Skills:

1. Analyze the information received from different sources.

2. Prepare report for given topic.

Motor Skills:

1. Present given topic in a seminar.

2. Interact with peers to share thoughts.

3. Prepare a report on industrial visit, expert lecture.

Learning Structure:

Application

Develop confidence to face interview through presentation of self

Procedure

Method of preparing portfolio and steps to present self

Concept

Principles of oral and written communication

Facts

Job opportunity, Job Profile

Activity	Name of the Activity	Hours
1	**Industrial Visits** Structured industrial visits be arranged and report of the same should be submitted by the individual student, to form a part of the term work. The industrial visits may be arranged in the following areas / Industries. • Satellite earth station • Radar Establishment • Mobile Telephone Office • Any other relevant area	16
2	**Lectures by Professional / Industrial Expert to be organized from the following areas.** • Mobile Communication • Software Debugging • Fuzzy logic and Neural network • Recent trends in digital communication • Nanotechnology • Carrier guidance and interviewing techniques • Self- employment • Blue tooth technology. • Any topic related to social awareness	08
3	**Information Search:** Students should prepare report as a part of term work of searching and collecting the information regarding their final project/industrial project	06
4	**Group Discussion** The students should discuss in a group of six to eight students and write a brief report on the same as a part of term work. The Faculty may suggest the topic for group discussion	08
5	**Seminar** Student will deliver a seminar on technical topic. The topic will be on his project or new trends in technology or the subject of the Sixth semester	10
	Total	**48**

OR

<u>Industrial Training (Optional)</u>

- Students who have completed industrial training in summer vacation after 4th Semester will be granted exemption for activities related to topic 1 to 4.
- Student shall give seminar on industry training as activity No. 5 of Professional Practices-III
- These students shall submit report of Industrial training signed and certified by authorities from Industry.
- Evaluation will be done on seminar and report submitted by student.

Note:

For the students who have undergone industrial training of four weeks duration in the summer vacation of fourth semester will be assessed as follows:

1. Industrial Training report duly certified by competent authority in the industry: **30 Marks**

2. Seminar on industrial training: **20 Marks**