

Course Name : Electronics Engineering Group

Course Code : ET/EJ/EN/EX/IE/IS/IC/DE/EV/MU/IU/ED/EI

Semester : Fourth

Subject Title : Professional Practices-IV

Subject Code:

Teaching And Examination Scheme:

Teaching Scheme			Examination Scheme						
TH	TU	PR	Paper Hrs	TH	TEST	PR	OR	TW	TOTAL
--	--	05	--	--	--	--	--	50@	50

Rationale:

Most of the diploma holders jin 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.

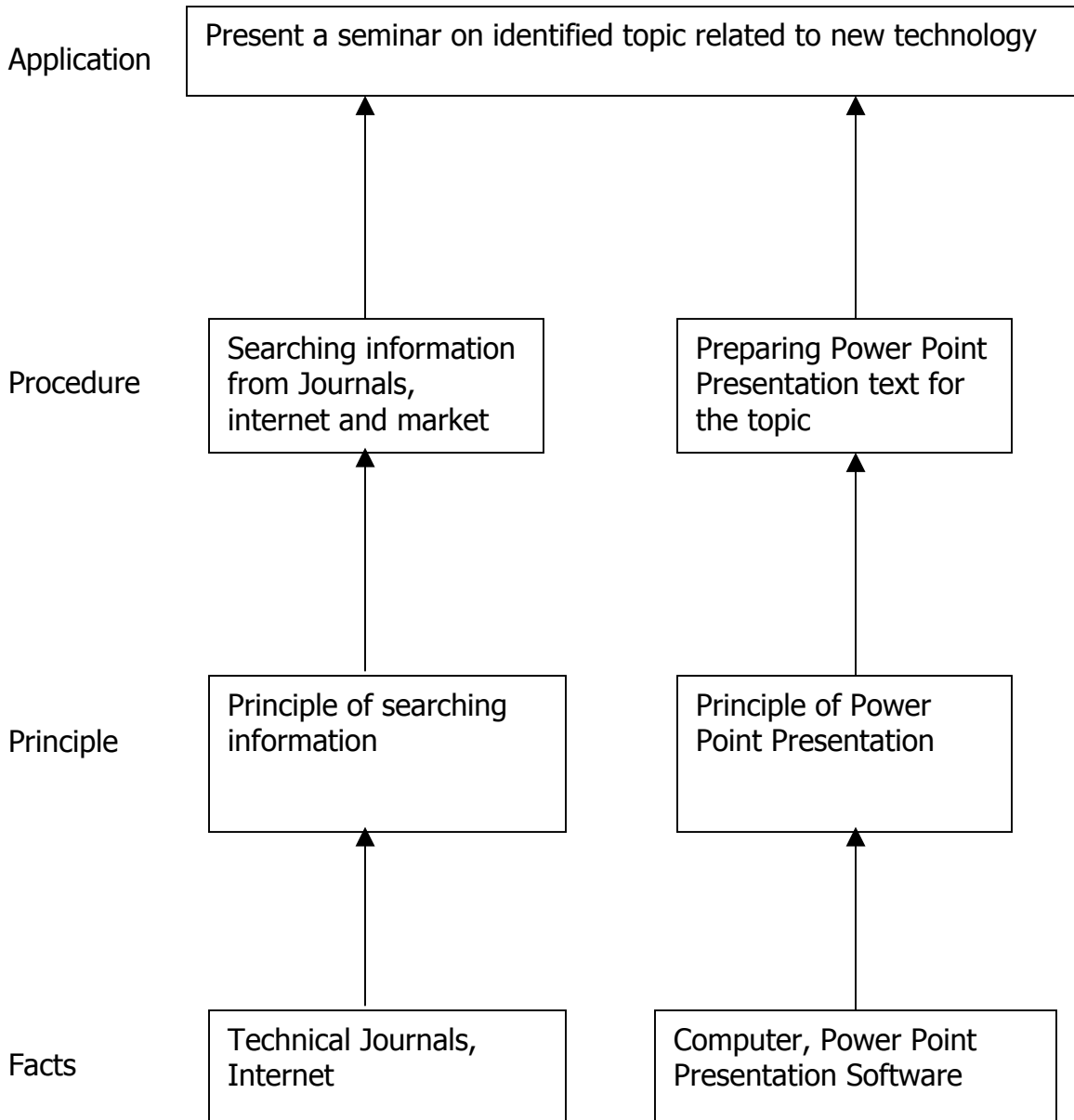
The purpose of introducing professional practices is to provide opportunity to students to undergo activities which will enable them to develop confidence. Industrial visits, expert lectures, seminars on technical topics and group discussion are planned in a semester so that there will be increased participation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

Objectives:

The 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

Learning Structure:



Activity	Content	Hours
1	<p>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 :</p> <ul style="list-style-type: none"> i) Electronic equipment manufacturing unit ii) Resistance Welding unit iii) Industrial automation unit iv) Adarsh Gram v) Shops using electronic billing system vi) Telephone Exchange 	24
2	<p>Lectures by Professional / Industrial Expert lectures to be organized from any of the following areas:</p> <ul style="list-style-type: none"> i) Cyber laws ii) Fiber optics communication system iii) Disaster management iv) Use of single for Telephone, television, internet v) Industrial Safety vi) Computer security systems vii) Any other suitable topic 	14
3	<p>Information Search : Information search can be done through manufacturers, catalogue, internet, magazines; books etc. and submit a report. Following topics are suggested :</p> <ul style="list-style-type: none"> i) Collection of information about tools used in electronic workshop ii) Market survey for motors used in electronic application iii) Non Conventional Energy Sources with focus on solar energy iv) Elevators installation and maintenance v) Any other suitable areas 	14
4	<p>Seminar : Seminar topic should be related to the subjects of fourth semester. Each student shall submit a report of at least 10 pages and deliver a seminar (Presentation time – 10 minutes)</p>	14

5	Mini Project / Activities : a) Design of P.C.B. using software b) Developing small unit of eliminator battery or D.C. power supply c) Study of networking in computer laboratories d) Comparative study of cables	14
	Total	80