

Course Name: Electronics Engineering Group

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

Semester : THIRD

Subject Title: Professional Practices-III **Subject Code:**

Teaching And Examination Scheme:

Teaching Scheme			Examination Scheme						
TH	TU	PR	Paper Hrs	TH	TEST	PR	OR	TW	TOTAL
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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.

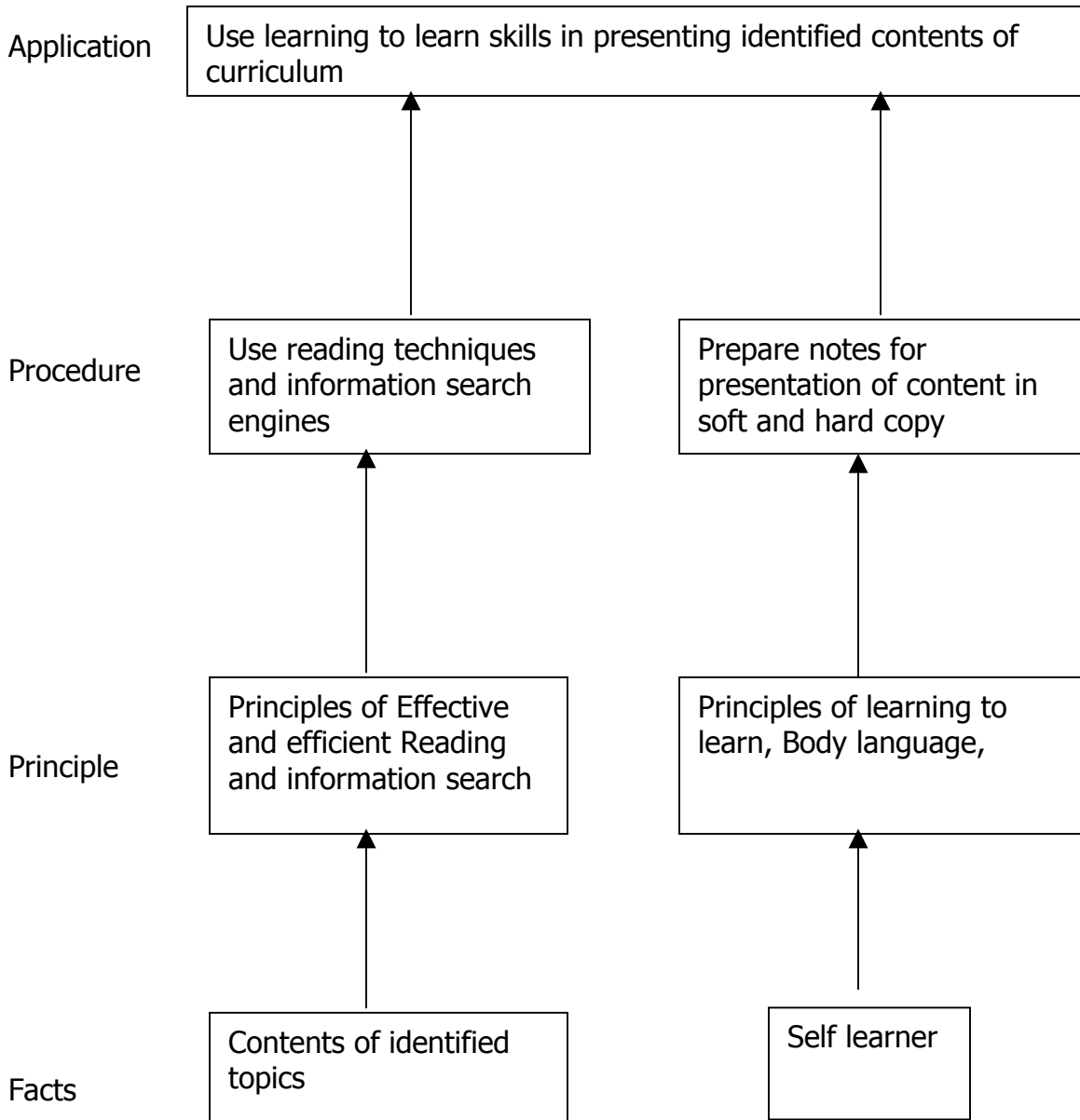
The purpose of introducing professional practices is to provide opportunity to students to undergo activities which will enable them to develop confidence. Industrial visits, expert lectures, seminars on technical topics and group discussion are planned in a semester so that there will be increased participation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

Objectives:

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	Name of the Activity	Hours
1	<p>Field Visits Structured field visits (minimum three) be arranged and report of the same should be submitted by the individual student, to form a part of the term work. The field visits may be arranged in the following areas / industries :</p> <ul style="list-style-type: none"> i) Power supply/UPS/SMPS/Inverter manufacturing unit ii) Electronics Instruments calibration laboratories iii) Residential building for Electronic security systems iv) Small hydro power station v) Wind mill 	24
2	<p>Lectures by Professional / Industrial Expert to be organized from of the following areas (any four)</p> <ul style="list-style-type: none"> i) Non conventional energy sources ii) Energy audit iii) Water pollution control iv) Software for P.C.B. layout v) Mobile communication vi) Various government schemes such as EGS, vii) Industrial hygiene. viii) Hydro power generation 	16
3	<p>Seminar : Any one seminar on the topics suggested below: Students (Group of 4 to 5 students) has to search /collect information about the topic through literature survey, visits and discussions with experts/concerned persons: Students will have to submit a report of about 10 pages and deliver a seminar for 10 minutes.</p> <ul style="list-style-type: none"> 1. Water supply schemes/Problems of drinking water in rural area 2. Problems related to traffic control 3. Electronic rolling display 4. Electronic systems used in Multiplex 5. Pani Panchayat Yojana for equal distribution of water 6. Any other suitable topic 	20
4	<p>Market Survey: A group of four students is expected to collect information from the market regarding specifications and cost of any four items</p>	20

	CRO, Multimeter, UPS, Power supply for brand name ,specifications, cost and applications.	
	Total	80