

Course Name : Electrical Engineering Group

Course Code : EE/EP

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
--	--	05	--	--	--	--	--	50@	50

Rationale:

Most of the diploma holders join 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.

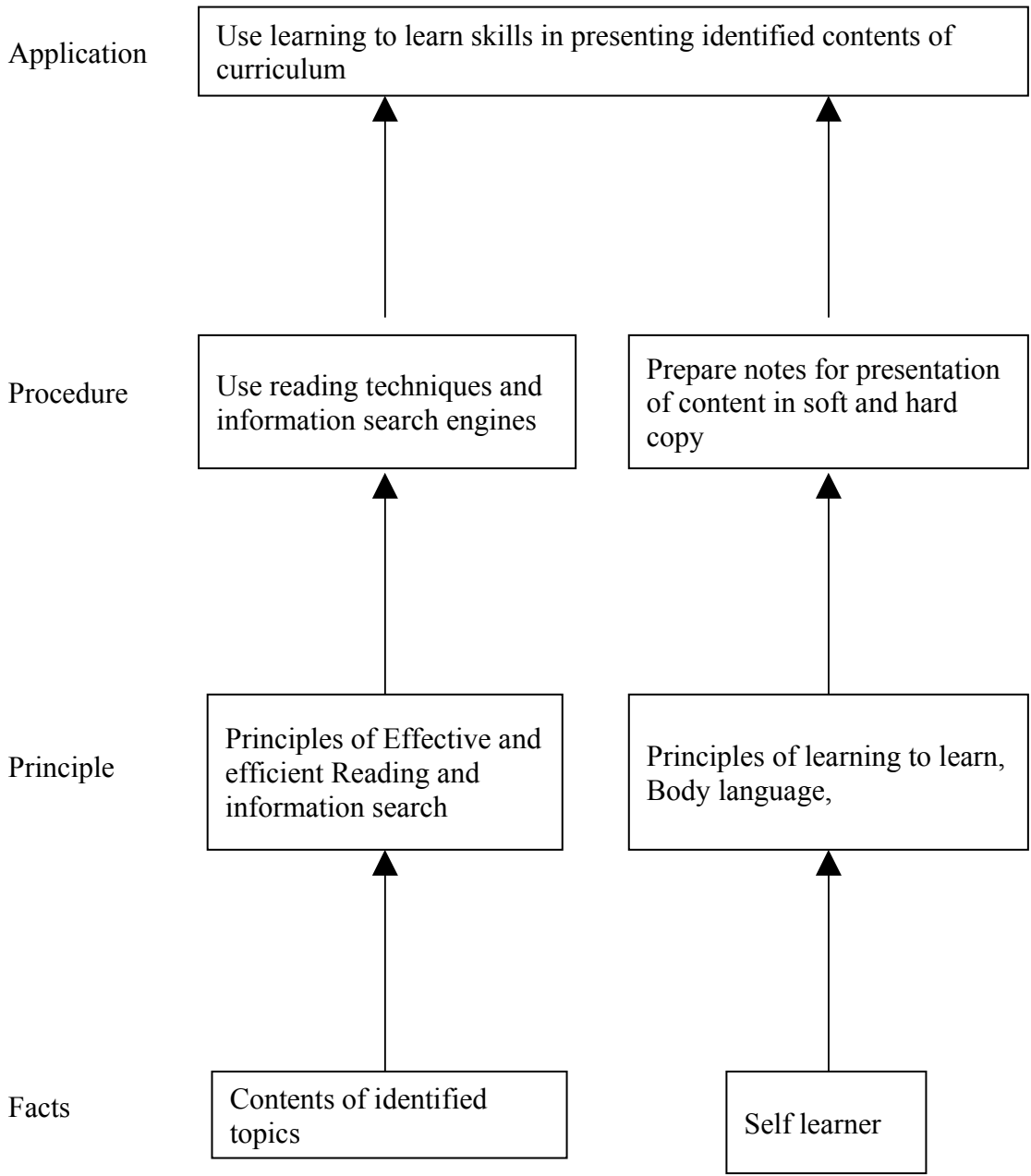
The purpose of introducing professional practices is to provide opportunity to students to undergo activities which will enable them to develop confidence. Industrial visits, expert lectures, seminars on technical topics and group discussion are planned in a semester so that there will be increased participation 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	Name of the Activity	Hours
01	<p>Field Visits Structured field visits (minimum three) be arranged and report of the same should be submitted by the student, as part of the term work. The field visits may be arranged in the following areas / industries :</p> <ul style="list-style-type: none"> i) Visit to Electric Power Generation Station ii) Visit to Wind Mill and/or Hybrid Power Station of Wind and Solar iii) Multi Storied Building for Power Distribution Scheme iv) Visit to a Multi Plex v) Visit to a Captive Power Plant (Thermal) 	30
02	<p>Lectures by Professional / Industrial Expert to be organized from of the following areas (any four)</p> <ul style="list-style-type: none"> i) Modern Techniques in Power Generation ii) Role of Power Factor Improvement a tool in reducing cost of generation iii) New trends for built environment iv) Software for drafting v) Digital Metering vi) Various government schemes such as EGS, vii) Industrial hygiene. viii) Hydro power generation ix) Special purpose wiring in chemical/hazardous industries 	18
03	<p>Seminar :</p> <p>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. Role of Traffic Signals in smooth flow of vehicles 3. Gram Swaraj Yojana 4. Schemes of power of generation in coming five years 5. Impact of load shading on rural population 6. Any other suitable topic 	20
04	<p>Market Survey:</p> <p>A group of four students is expected to collect information from the market regarding specifications and cost of any four items, used in Electrical wiring for domestic, commercial and industrial use</p>	12
Total		80