

COURSE NAME : COMPUTER ENGINEERING GROUP
COURSE CODE : CO/CM/IF/CD
SEMESTER : SIXTH FOR CO/CM/IF AND SEVENTH FOR CD
SUBJECT TITLE : PROFESSIONAL PRACTICES-VI
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 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.

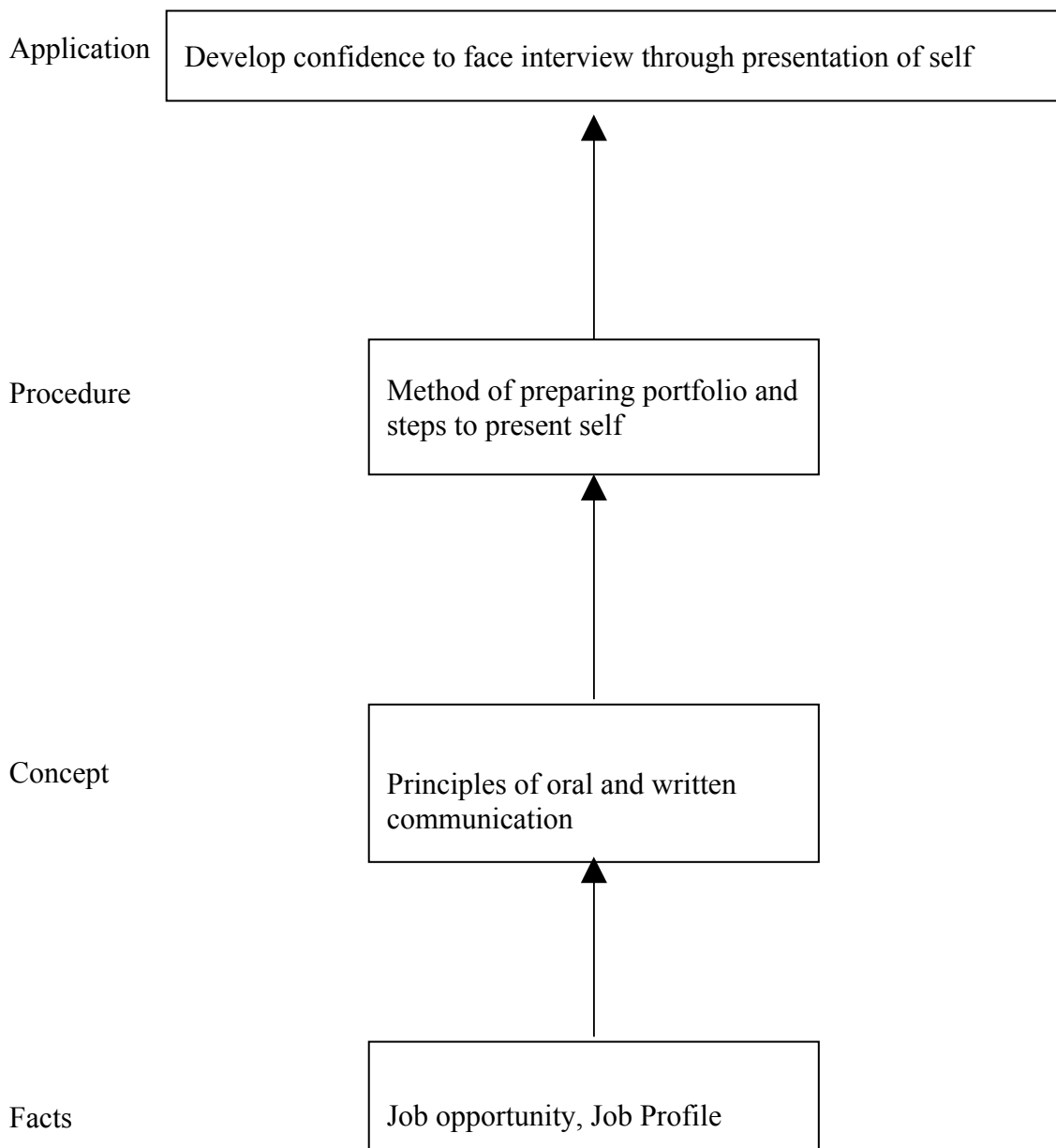
The purpose of introducing professional practices is to provide opportunity to students to undergo activities which will enable them to develop confidence. Industrial visits, expert lectures, seminars on technical topics and group discussion are planned in a semester so that there will be increased participation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

Objectives:

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
01	Industrial Visits Structured industrial visits be arranged and report of the same should be submitted by the individual student, to form part of the term work. <ol style="list-style-type: none"> 1. Visit a industry 2. Collect organization chart 3. Roles and responsibilities of each post. 4. No. of resources available in industry etc 	14
02	Lectures by Professional / Industrial Expert be organized from any of the following areas: Meditation. Yoga to improve concentration Robotics Any latest tool useful for software development Mobile computing Data Mining SAP Neural network Software project Management Wi-fi Technology Any other suitable topic	16
03	Information Search : Buying of a new computer (cost, make, model etc.). Comparison of .different computer architectures Software security Video conferencing XML Any other suitable topic	22
04	Group Discussion : The students should discuss in group of six to eight students and write a brief report on the same as a part of term work. The topic group discussions may be selected by the faculty members. Some of the suggested topics are <ol style="list-style-type: none"> 1) Hacking 2) Computer virus 3) Chatting on Net 4) Working BPO 5) Software piracy 6) Computer gaming 7) Any other suitable topic 	12
05	Student Activities : The students in a group of 3 to 4 will perform any one of the following activities (other similar activities to be considered), and write a report as part of term work. Activity : <ol style="list-style-type: none"> i) Collect information from Computer repairing center (at which level repairing is done, cost). ii) Collect information regarding latest requirement for a job from any industry 	16
Total		80