

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH NAME: Metallurgy Engineering
SUBJECT NAME: Research paper review and presentation
SUBJECT CODE: 2182107
B.E. 8th SEMESTER

Type of course: Engineering

Prerequisite: Knowledge of Advances in Metallurgy and allied field, report writing and presentation skills

Rationale:

Research paper review and presentation course is prepare to give exposure to students about advances in Metallurgy and allied field, report writing and presentation skills. Knowledge of advances in Metallurgy and allied field, report writing and presentation skills will improve technical competencies of students.

Teaching and Examination Scheme:

Teaching Scheme			Credits C	Examination Marks						Total Marks
L	T	P		Theory Marks			Practical Marks			
			ESE (E)	PA (M)		ESE (V)		PA (I)		
				PA	ALA	ESE	OEP			
0	0	2	2	0	0	0	80	0	20	100

General Guidelines:

Research paper review and presentation course will consist of study, review and presentation of research papers on a selected topic related to Metallurgy Engineering in general from referred journals / reports. Each group of students (3-4 students in a group) will be assigned a topic related to recent advancements in the area of Metallurgy engineering by the faculty concerned. Student will do literature survey; study and practice the presentation of his/her work in batch during the semester. Student will write a paper and present the same at the time of final presentation in the group.

The exercises should be properly designed and implemented with an attempt to develop different types of cognitive and practical skills (Outcomes in cognitive, psychomotor and affective domain) so that students are able to acquire the competencies. However, if these exercises are completed appropriately, they would also lead to development of Programme Outcomes/Course Outcomes in affective domain for this programme. Faculty should ensure that students also acquire Programme Outcomes/Course Outcomes related to affective domain.

Course Outcome:

At the end of the course, student will able to write and present a technical paper / report by refereeing technical papers and reports.

Major Equipment:

- Computer with Internet connectivity
- Projector