

COURSE TITLE : PROJECT WORK AND SEMINAR
COURSE CODE : 6009
COURSE CATEGORY : A
PERIODS / WEEK : 6
CREDITS : 10

PART 1 - SEMINAR

General outcome:

GO	On completion of this course the students will be able:
1	To get an exposure to innovations in Technology/Information.
2	To develop presentation skills.
3	To develop creative interaction among listeners.
4	To appreciate peers and to give feedback.

Guidelines:

1. Seminar presentation shall be of individual nature rather than group work and shall be coordinated by a guide allotted among the faculty members.
2. Topics shall be constrained to those related to Technology and allied area, but not part of the curriculum.
3. The guide shall provide necessary guidance as to arrive on to the final topic from the area of student's interest and based on the relevance.
4. The topic selected shall help students in acquiring necessary technical knowledge so as to help them in performing better in job interviews or to help them in developing entrepreneurship skills.
5. Presentation shall be for 15 minutes at the minimum.
6. Audio visual aids shall be utilized. Students shall be encouraged to use open source documentation tools like Latex for preparing presentation, posters and seminar reports.
7. Synopsis of the seminar should be submitted at least 3 working days before presentation.
8. Bonafide report containing abstract, content and the reference should be submitted for final evaluation.

9. Seminar evaluation for both continuous assessment and external examination shall be performed in such a way that seminar accounts for 2/10 weightage in terms of total credit for Project work and Seminar.

Seminar evaluation (1/ 5 th of total weightage for the course)				
Topic selection (20%)	Presentation (30%)	Interaction (20%)	Slides and presentation aids (15%)	Report (15%)

PART 2 – PROJECT WORK

General outcome

GO	On completion of this course the students will be able:
1	To utilize theoretical and practical knowledge acquired for developing an industry standard product or prototype.
2	To learn financial planning.
3	To enhance team spirit and creative talents for achieving goal.
4	To promote entrepreneurship.
5	To serve industry or community by way of technology transfer.

Guide lines

1. Project selection shall be based on social and technological relevance.
2. Preference shall be given to topics that uphold service to community by way of providing direct technology transfer to society.

To elaborate the point, technologies such as those provide low cost housing to the society, mechanizing agricultural sector, developing tools that aid in productivity in traditional employment sector are few examples that may be considered while selecting the topic for Project work. The whole idea is that project work should be utilized as an effective tool as for the community or industry to walk into institutions for materializing innovative ideas irrespective of the sector. In such cases inter disciplinary project works shall also be encouraged.

3. The selected topic should uphold entrepreneurship values. Collaboration with Startup villages or incubation centers shall be used for effective implementation of ideas.
4. Each project team can have a maximum of five members. But in case of projects that demand more human resources, responsibilities can be suitably divided among different team.

5. Every project team shall be allotted with a project guide among faculty members. The project guide shall provide all necessary guidance and maintain a detailed record of individual students involvement in the work and do continuous assessment of the project. Project work holds 8/10 weightage of the total credit.
6. Evaluation shall be done on weekly, monthly and end semester basis.
7. Out sourcing of academic projects are not allowed. If the projects are found to be outsourced, credits shall be forfeited at any point of time.
8. Teaming up with startup village, business incubation centers are highly appreciated.
9. It is required to submit bonafide report of the project for final evaluation.

Project work evaluation (4/ 5 th of total weightage for the course)						
Topic selection (20%)	Innovation (10%)	Selection of Tools (20%)	Interface to community/ Industry (10%)	Quality of Work (20%)	Safety aspects (10%)	Report (10%)