

## Dissertation Phase - II

### 01ST1401

#### Course Objectives

- To explore, learn and develop skills for carrying out the technical research.
- To develop a systematic approach for problem-solving skills.
- To acquire the skills and capacity of producing scientific documents and journals.
- To relate the real-time challenges and issues with the academic contents and learn to provide solutions.

#### Credit Earned: 16

#### Students learning outcomes:

After successful completion of the course, it is expected that students will be able to

- Develop research-based learning skills and capability to identify the challenges of real-time situations.
- Analyze challenges and apply the technical skills, knowledge, and methodologies to solve field-oriented problems.
- Learn about how to prepare and share/publish/present the research work within the fraternity.
- Identify the field problem and design the optimal solution of it.

#### Teaching and Examination Scheme

Teaching Scheme (Hours)			Credits	Theory Marks			Tutorial/ Practical Marks		Total Marks
Theory	Tutorial	Practical		ESE (E)	CSE (M)	Internal (I)	Viva (V)	Term Work (TW)	
00	00	32	16	-	-	-	100	100	200

#### Standard guidelines for project work

The subject aims to the overall development of an individual to identify real-life challenges and work for solutions with available resources. In addition, the subject focuses on technical knowledge utilization, the notion of service to the society and industry interaction of the postgraduate students for their professional career.

The subject has two parts to be completed with the duration of six months for each. The student will select a research topic by combining the area of interest and relevant field challenges or gaps in the concurrent practices.

Following are some directives and minimum requirements of the successful completion of the subject;

**Phase V [ 3 months ]**

- Complete the planned work by adhering to the schedule prepared.
- The completed work should be fulfilling the aim, objectives and scope of the project.
- Complete the work with data analysis, result and discussion and interpretation.
- Prepare the conclusion and complete the work.
- Get approval from the supervisor for the work completed.
- Make a presentation on the completed work with the entire work sequence.
- Get the final comments, if any, from the review committee.
- Prepare and submit the research-based paper for publication to the reputed international (Web of Science indexed) publishers. Produce the proof of paper submission.

**Phase VI [2 months]**

- Start the thesis writing process as per the University format.
- Show the progress to the supervisor on the content writing at least twice a month.
- Finalize the document for the thesis.
- Prepare the final project presentation and get approval from the academic committee.
- Appear for the final/open defence and viva voice exam of the project work.
- Upon completing the viva voice and presentation, if accepted, submit the thesis in the prescribed format to the department committee.

**Remarks:**

- The supervisor will confirm the student's satisfactory progress by discussing technical and content-related matters by online/offline modes as and when required.
- At least two progress reports in six months will be submitted to the academic head by the students.