

## Syllabus for Masters of Technology

**Subject Code: 01CA0302**

**Subject Name: Dissertation Phase-I**

**M.Tech. (II Year) Semester-III: CAD/CAM**

**Type of course:** Project

**Prerequisite:** None

**Objectives:**

Is to make significant or at least decent contribution to research. Thesis work may be an expansion on past work in the field or an improvement to the existing state-of-the-art. It might also reaffirm the results of previous work or solve new problems, or develop new theories. In short, thesis is to contribute something new to the field with proper proof and analysis.

**Teaching and examination scheme:**

Teaching			Credits	Examination Marks					Total Marks
L	T	P		Theory Marks			Practical Marks		
			ESE	IA	CSE	VIVA	TW		
0	0	20	10	0	0	0	200	200	400

**Course Outcomes:** After completion of this course, student will be able to

- Choose an area and topic of their interest and define a research Problem.
- Can perform a significant literature survey, and recognizing problem statement
- Can able to think of ideas to improve state-of-the-art or suggest or think of a solution to own new problem.

**Course description:**

In this part of the dissertation work, students are expected to select any major topic in the area of CAD/CAM to start dissertation work. Student can opt IDP/UDP based on their choice and availability of the supervisor in the Institute/Industry. Through literature review relevant to topic of dissertation should be carried out to decide Aim, Objectives, and scope of the project work. Students should select appropriate method of solution and primary results of experiments/computations should be validated against the available standard solution in the open literature.