GUIDELINES

Stage-I

Project work Stage – I is an integral part of the Project work. In this, the student shall complete the partial work of the Project which will consist of problem statement, literature review, design, scheme of implementation (Mathematical Model/SRS/UML/ERD/block diagram/ PERT chart, etc.) and Layout & Design of the Set-up. The student is expected to complete the project up to the design phase. As a part of the progress report of Dissertation work Stage-I, the candidate shall deliver a presentation on the advancement in Technology pertaining to the selected project topic. The student shall submit the duly certified progress report of Project work Stage-I in standard format for satisfactory completion of the work by the concerned guide and head of the Department/Institute.

The examinee will be assessed by a panel of examiners of which one is necessarily an external examiner. The assessment will be broadly based on work undergone, content delivery, presentation skills, documentation and report.

PROJECT REVIEWS – (STAGE-1)

Review -I: Problem Statement, Motivation, Objectives and Literature Review

Summary of expected outcomes:

- Identification of research gap leading to project motivation
- Preparing problem statement
- Study of existing literature
- Establish project objectives

Review – II: Feasibility and Scope

Summary of expected outcomes:

- Identifying project end-user.
- Projecting cost of project/product
- Assessing project requirements
- Defining scope clearly.
- Defining milestones in project timeline

- Risk assessment- Technical, Operational, Schedule, Business.

PROJECT REVIEWS – (STAGE-II)

Review – I: Modeling (Model Refinement and Algorithm development)

Summary of expected outcomes:

- Identify and finalize the software development process model
- Verifying the relations between objects and their classes
- Development and assessment of mathematical model related to the project
- Identifying the functional dependencies.
- Verifying the Deployment diagram as per system requirements.

Review – II: Coding/ Implementation

Summary of expected outcomes:

- Assessment of whether the code is correctly implemented as per design
- Verifying whether code complies with coding standard
- Functionality and granularity of the code is verified.
- Assessing if code optimization is achieved using the language features.