GUJARAT UNIVERSITY

K. S. SCHOOL OF BUSINESS MANAGEMENT
[Five Years' (Full-time) Integrated Degree Course]

Semester-8 [M.Sc. (CA & IT)]

Subject Code: - KS_C_CC-488
Subject Name: - Project – Emerging Technologies - Dissertation
Course Credit: - 3

Objective:

Dissertation aims to provide a real opportunity to the students to explore a subject of their interest from within or outside the course curriculum. As a part of dissertation, the student can

- Make an initial attempt to do some serious "research"
- Review of ongoing research work published in reputed journals or proceedings of conferences of repute
- Present results of some innovative experiments
- Study and analysis of Advanced Computer Science Topics

Guidelines

1. Consult your Guide whenever necessary & report the work / work progress to the guide regularly & carried out changes suggested by your guide time to time.
2. Do take signatures of your guide on your progress report sheet.
3. Work regularly with commitment and ensure you are following Progress Report Activity Completion Schedule and avoid last minutes 'hustle.

Philosophy:

A group of students (2-3) shall either choose themselves or shall be assigned experiment/topic of their interest by the instructor / mentor, which will form the basis of their dissertation. The group in consultation with their instructor / mentor shall discuss and formulate a description of the dissertation. This should include :

- Title: A clear indication of the content of the Dissertation.
- Aims & Objectives: An overall statement of the nature of the work and what is intended to be done.
- Methodology: The Identification of the ways by which the above stated objectives are to be achieved.
- Timescale: Listing of the tasks involved in the Dissertation and estimation of the timescale involved for each task so as to ascertain the milestones by which the instructor / mentor can assess the progress.

Guidelines for Report Preparation:

- The report should be in the range of 50-100 pages.
- The contents of the report shall include :
  - ✓ Title Page
  - ✓ Abstract
    An abstract is a brief or condensed statement by the student, or the essential ideas of the student's work. The abstract must not exceed 600 words in length and should a statement of the problem, an explanation of the methods and procedures used in gathering data, and a summary of the findings. It should not be just a summary statement of each chapter.
  - ✓ Acknowledgements
  - ✓ Table of Contents
  - ✓ Main Text
  - ✓ References
  - ✓ Appendices
- The Main Text shall consist of :
  - ✓ Introduction
  - ✓ Literature Survey
  - ✓ Methodology
  - ✓ Results
  - ✓ Discussions
  - ✓ Conclusion

- Paper Size: International standard paper size A4 (297 x 210 mm).
- Typing: On one side only.
- Margins: Top 1.0", Bottom 1.0", Left 1.5", Right 1.0".
- Line Spacing: 1.5.
- Character Spacing: Normal.
- Font: Times New Roman or any other non-fancy font.
- Font Size: 12 for Main Text; 10 for References.
- Page number: Pages should be numbered clearly and consecutively; Numbering should be done uniformly throughout the work.
- Diagrams / Charts: Should be arranged so as to open to the right.
- Larger font size may be used for chapter headings and sub headings; the chapter headings, sub headings and sub subheadings should be clearly distinguishable from each other; to distinguish chapter headings from sub headings and sub subheadings any consistent scheme may be adopted.
- References :
  - ✓ Should contain all the work that is consulted.
  - ✓ Should be arranged alphabetically and numbered consecutively.
  - ✓ Font : Same as the main text.
  - ✓ Line Spacing – single.
  - ✓ Documentation Style – IEEE referencing standards to be followed.

Accomplishments of the student after completing the course:

1. Writing the dissertation will enable the student to be innovative and develop research bent of mind and be aware of new advancements in the field of Computer Science and Information Technology.
2. Student will acquire ability to think analytically, synthesize completed information, write well and organize the time as a result of dissertation will serve well regardless of a carrier the students choose.
3. It will prepare the students for serious research work in future.