CSE 498: Project and Presentation
CSE 433: Project and Thesis

CITY UNIVERSITY

Department of Computer Science and Engineering

Registration Procedure

- Course Registration (CSE 498/ CSE 433) **Credit Hour: 4**

- Collecting Prescribed 'Thesis/Project/ Application Form'

- **The registration process will not complete without this application**.

- Group (maximum 2 members) formation

- Contacting with faculty members according to the field of interest and work area.

- Submission of the Form in **due date** along with the consent of the proposed supervisor

- A meeting held on "Project Supervisor" allocation consist of all the faculty members in the Department of CSE

- Publishing the group wise list along with the Project areas, topics and supervisor

- Meeting with the supervisor regularly and keep update about the progress of the project. Supervisor maintains attendance of meeting

The proposed areas and topics :

- Management Information System Application
- ECommerce and Web based solution
- Artificial Intelligence
- Neural Network
- Digital Image Processing
- Computer Vision
- Pattern Recognition
- Machine Learning
- Mathematical and Scientific Computing
- Electronics
- Computer Network and Data Communication
- Computer Simulation and Modeling

The proposed areas and topics (cont.)

- Augmented reality
- Microcontroller based System Development
- Mobile Phone Application development
- Software Engineering
- Software Quality Assurances
- Multimedia System design
- Network Services Management
- Cryptography and Network Security
- Cyber Security
- Embedded Systems
- Game Design and Development
- Cloud Computing
- Bioinformatics

Procedures [Phase 1]

- **Proposal and working plan presentation**, date declared by the department
- The initial project plan should comprise of the following key points:

    1. Define the concept or idea.

    2. Define the objectives clearly.

    3. Break the project down into tasks.

    4. Show when the student will do what and how.

    5. Show what resources will be used.

    6. Show when activities are expected to achieve.

    7. Indicate how the student will monitor progress.

- In the entire project management plan, time management is essential. The students must pay attention to the credible use of time that is required to implement a project (CSE 498/ CSE 433)

Procedures [Phase 2]

- **Preliminary Defense (Pre-Defense)**

- Follow-up presentation [PPT and Demo]

- Implementation of your Project

- Demonstrate competence as a computing professional and to apply material

- The project normally includes a software or developing some hardware are developed from the student's original idea.

- Apply what you have learnt in the last 4 years degree programme

- Compulsory for each group to submit a short report in this phase

- The report will highlight the progress made by the group towards meeting the objectives laid out thesis/project plan/strategy

Procedures [Phase 3]

- **Defense and Presentation [PPT and Demo]**
- The Thesis/ Project Defense Committee consist of the following member:
    - (i)   Dean of the Faculty
    - (ii)   Head of the Department
    - (iii)   Coordinator of the Department
    - (iii)   The Project Supervisor
    - (iv)   The Project Co-Supervisor
    - (v)   Faculty members of Academic Committee
- Student will need to submit a final Project Report with a supporting CD/DVD/USB attached.
- They must be submitted by the deadline dates declared by the department. They will also need to bring a presentation CD/DVD/USB along with the required demonstration during the final presentation and interview.
- Compulsory for each group to submit a short report in this phase
- The report will highlight the progress made by the group towards meeting the objectives laid out thesis/project plan/strategy

Structure of Project Report

- Front Cover and Title Page
- Certificate
- Declaration
- Acknowledgements
- Abstract
- Table of Content Page
- List of figures
- List of Tables
- Sample Chapters:
  - Chapter 1: Introduction
  - Chapter 2: Background and related work
  - Chapter 3: Description of Business model
  - Chapter 4: Main Body of Report
  - Chapter 5; Discussion
  - Chapter 6:Conclusion (achievements, future work etc..)
- References
- Appendices

Attached Supporting CD/ DVD/USB while submitting the report

References

- **Guni Sharona, Roni Sterna, Ariel Felnera, Nathan R. Sturtevan** "Conflict-based search for optimal multi-agent pathfinding", Elsevier International Journal on Artificial Intelligence, Volume 219, February 2015, Pages 40–66

  ISSN: 0004-3702

- **SéverinLemaignana,b,*, MathieuWarniera, E. AkinSisbota, AurélieClodica, RachidAlamia** "Artificial cognition for social human–robot interaction: An implementation", Elsevier International Journal on Artificial Intelligence, Volume 247(2017), Page 45–69

Presentation

- ***It is strongly advised to discuss and prepare presentation in consultation with the Supervisor***

- Give a brief overview of the motivation and background for the work. Describe the new and different aspects of the work. Give a summary of the conclusions.

Completion

- Submit Three(3) Copies of Book to the Department
- Defense Committee approval
- Submit photocopy of CSE 498/433 Registration paper

CSE Department

- Academic Committee Approval
- Submission of Grades

Your are done !!!

Congratulation...