



#### Third Year MCA :

#### Trimester IX

**Subject Code:** MCA 391

**Subject:** System Development Project (Major)

**Internal Assessment** : 200 Marks

**External Assessment** : 400 Marks

**Total Credits** : 24

#### **Aim:**

To provide experience to the students of analyzing, designing and developing real-life applications.

#### **Objectives:**

- (1) To apply the system analysis, design, development and testing skills in developing and implementing a real-life software system.
- (2) To apply the technologies learned in previous trimesters in developing the solution.
- (3) To understand and apply the software development life-cycle phases in developing the project
- (4) Encourage students to develop innovative projects.

#### **Guidelines**

- Students are required to do the project in an organization under the supervision of a qualified computer professional and internal faculty.
- The students should try to get the projects in organizations of their choice, including Government and Semi-Govt. Depts., public sector organizations, educational institutions, small trading/business houses or private organizations.
- Students may take up projects individually or in a group of two students only. Larger group size will not be permitted under any circumstances.
- The Student project teams will be assigned to internal project guides.
- Students have to give periodic project reviews about the status and progress of their project to their internal guides.
- The projects may involve part or all the system development life-cycle phases.
- Student has to prepare a project report in which all the details about the project have to be documented.

#### **Evaluation**

- The internal evaluation will be on the basis of periodic reviews and internal presentation of the analysis and design documentation of the project.
- External evaluation will be on the basis of final project presentation and the project report prepared by the students.
- Evaluation of innovative projects will be on the basis of efforts applied, literature study, methodology, results; conclusion and due weightage will be given to literature survey, analysis, model, design, architecture or algorithm developed. In such projects, number of screens or MIS reports or database design will not be the criteria for evaluation.



### *If You Can*

*If you can keep your head when all about you  
Are losing theirs and blaming it on you,  
If you can trust yourself when all men doubt you,  
But make allowance for their doubting too;*

*If you can wait and not be tired by waiting,  
Or being lied about, don't deal in lies,  
Or being hated, don't give way to hating,  
And yet don't look too good, nor talk too wise:*

*If you can dream and not make dreams your master;  
If you can think - and not make thoughts your aim;  
If you can meet with Triumph and Disaster  
And treat these two impostors just the same;*

*If you can bear to hear the truth you've spoken  
Twisted by knaves to make a trap for fools,  
Or watch the things you gave your life to, broken,  
And stoop and build 'em up with worn-out tools:*

*If you can make one heap of all your winnings  
And risk it on one turn of pitch-and-toss,  
And lose, and start again at your beginnings  
And never breathe a word about your loss;*

*If you can force your heart and nerve and sinew  
To serve your turn long after they are gone,  
And so hold on when there is nothing in you  
Except the Will which says to them: 'Hold on!'*

*If you can talk with crowds and keep your virtue,  
Or walk with Kings - nor lose the common touch,  
If neither foes nor loving friends can hurt you,  
If all men count with you, but none too much;*

*If you can fill the unforgiving minute  
With sixty seconds' worth of distance run,  
Yours is the Earth and everything that's in it,  
And - which is more - you'll be a Man, my son!*

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***“The richest man is not he who has the most, but he who needs the least.”***