ਜਗਤ ਗੁਰੂ ਨਾਨਕ ਦੇਵ
ਪੰਜਾਬ ਸਟੇਟ ਓਪਨ ਯੂਨੀਵਰਸਿਟੀ
ਪਟਿਆਲਾ

JAGAT GURU NANAK DEV
PUNJAB STATE OPEN UNIVERSITY, PATIALA

(Established by Act No. 19 of 2019 of the Legislature of State of Punjab)

The Motto of the University
(SEWA)

SKILL ENHANCEMENT **EMPLOYABILITY** **WISDOM**
ACCESSIBILITY



M.SC. (COMPUTER SCIENCE)
SEMESTER-IV
Course: MAJOR PROJECT

Course Code: MSCS-4-03P

ADDRESS: C/28, THE LOWER MALL, PATIALA-147001
WEBSITE: www.psou.ac.in

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MSCS-4-03P: Major Project

Total Marks: 200
External Marks: 140
Internal Marks: 60
Credits: 10
Pass Percentage: 40%

Course: Major Project	
Course Code: MSCS-4-03P	
Course Outcomes (COs) After the completion of this course, the students will be able to:	
CO1	Demonstrate a sound technical knowledge of their selected project topic.
CO2	Gain ability to identify research gaps through literature survey, problem identification, formulation and solution.
CO3	Design solutions to problems utilizing a systems approach.
CO4	Gain ability of communication, management, leadership and entrepreneurship skills.
CO5	Obtain capability and enthusiasm for self-improvement through continuous professional development and life-long learning

Description

To develop project in the field of Computer Science & Applications

Study projects can be individual or team projects. Team projects are limited to a maximum number of 2 students (and should be defined according to the complexity of the study).

At the beginning of the 4th semester (deadline 15 March for Jan Admission Cycle and 15 October for July Admission Cycle) every student /group has to submit his/her application for the study project to the Course Coordinator for the approval of topic and team members. Within 15 days after approval the topic, the students have to write a project synopsis. The project synopsis should follow a scientific structure and consists basically of the following parts:

1. INTRODUCTION (1 PARAGRAPH)
2 LITERATURE SURVEY (2-3 pages)

(reviews of 4-5 papers/journals/articles/techniques/wares/etc)

3. RESEARCH GAPS (1 paragraph)

4. PROBLEM FORMULATION (1 paragraph)

5. OBJECTIVES OF ROJECT

The major aim of this project is to …….. To achieve the major aim, following objectives are proposed for the study

1.

2.

3.

6. METHODOLOGY/PLANNING OF WORK (1 page)

Research type, unit, methods, tools of data collection / analysis. Methodology will include the steps to be followed to achieve the objective of the project during the project development.

7. H/W AND S/W REQUIREMENTS (1 paragraph)

Software/Hardware required for the development of the project

8. EXPECTED OUTCOMES (1 paragraph)

At the end of the study project, the students have to write a project report. The project report should follow a scientific structure and consists basically of the following parts:

1. INTRODUCTION

2 LITERATURE SURVEY

3. PROBLEM FORMULATION

4. OBJECTIVES OF PROJECT WORK

The major aim of this project is to …….. To achieve the major aim, following objectives are proposed for the study

1.

2.

3.

5. METHODOLOGY

6. MAJOR FINDINGS

7. CONCLUSIONS & FUTURE SCOPE

The length of the final project report should be about 30-35 A4 pages (about 9000-10500 words).

The due date for the final version of the report is at least one week before the official presentation. The duration of the presentation is 10-15 minutes with an additional 7 minutes for discussions.

Students will present their research findings in National/International Conferences/Seminars or published in the form of a paper in Conferences/Seminars Proceedings/Book Chapters/Journals.