

| Subject Name  | L | T | P  | Credits |
|---------------|---|---|----|---------|
| Major Project | - | - | 22 | 22      |

### Course Objectives:

- To solve industrial (or society or research) problems.
- To plan, schedule, and monitor the software project.
- Development, coding, and testing of a large project cohesively.
- Documentation of project.

### Major Project Guidelines

1) The project proposal should be prepared in consultation with your guide. The project proposal should clearly state the project objectives and the environment of the proposed project to be undertaken. The project work should compulsorily include the software development.

2) Synopsis of the project proposal (15-20 pages) covering the following aspects may be prepared:

(i) Title of the Project

(ii) Introduction and Objectives of the Project

(iii) Project Category (RDBMS/OOPS/Networking/Multimedia/Artificial Intelligence/Expert Systems etc) Tools/Platform, Hardware and Software Requirement specifications

(iv) Problem Definition, Requirement Specifications (Detailed functional Requirements and Technical Specifications), Project Planning and Scheduling (Gantt chart/PERTchart)

(v) Scope of the solution

(vi) Analysis (DFDs, ER Diagrams/Class Diagrams etc. as per the project requirements)

(vii) A complete structure which includes:

- Number of modules and their description to provide an estimation of the student's effort on the project
- Data Structures as per the project requirements for all the modules. Process Logic of each module
- Implementation methodology
- List of reports that are likely to be generated

**(viii)** Overall network architecture (if required for your project)

**(ix)** Implementation of security mechanisms at various levels

**(x)** Future scope and further enhancement of the project

**(xi)** Bibliography

**3)** Every student, (in a group of maximum two) will be asked to select a particular project listed by the department, on which he/she will have to develop a working module in semesters.

**4)** Two copy of the original project report in the hard bound form along with the CD (containing the executable file(s) of the project should be enclosed in the last page) is to be submitted to the University.

**5)** Coding standards should be followed meticulously. At the minimum, the code should be self documented, modular, and should use the meaningful naming convention.

**Project Title**

**A Project Report Submitted to**



**Mandsaur University, Mandsaur**

**Towards Partial Fulfillment for the Award of**

**Name of Program**

**Submitted By**

**STUDENT NAME**

**Enrollment No.**

**Project Title**

**A**

**Project Report Submitted to**



**Mandsaur University, Mandsaur**

**Towards Partial Fulfillment for the Award of**

**Name of Program**

**Submitted To**

**Submitted By**

**Project Guide Name**

**Student Name**

**Designation**

**Enrolment No.**



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**Department of Computer Science  
& Applications Mandsaur University,  
Mandsaur**

## **CERTIFICATE**

The Dissertation entitled “**Project Title**” being submitted by **Student Name (Enrollment No.)** has been examined by us and is hereby approved for the award of degree **Program name** for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the dissertation only for the purpose for which it has been submitted.

**Internal Examiner**

**Date:**

**External Examiner**

**Date:**



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& Applications Mandsaur University,  
Mandsaur**

### **DISSERTATION APPROVAL SHEET**

The dissertation work entitled “Project Title” submitted by Student Name **(Enrollment No.)** is approved as partial fulfillment for the award of the **Program Name** degree by Mandsaur University, Mandsaur (M.P).

**Approved by**

Head of Department Name  
(HOD CA)



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& Applications Mandsaur University,  
Mandsaur**

## **DECLARATIONS**

I hereby declare that the work, which is being presented in the dissertation, entitled **“Project Title”** partial fulfillment of the requirements for the award of degree of **Program Name** submitted in the **Department of Computer Science & Applications (Mandsaur University, Mandsaur)** is an authentic record of my own work carried under the guidance of **Guide Name**. I have not submitted the matter embodied in this report for award of any other degree.

**Student Name**

**(Enrollment No)**

## **ACKNOWLEDGEMENT**

I take the opportunity to express my cordial gratitude to **XYZ**, HOD Department of Computer Science & Application, Mandsaur University, Mandsaur (M.P.) for the valuable guidance and inspiration throughout the dissertation work. I feel thankful for his innovative ideas, which led to successful completion of this work.

I give special thanks to **Prof. ABC**, Assoc. Prof., Department of Computer Science & Application, Mandsaur University, Mandsaur (M.P.) to always being willing to help find solutions to any problems I had with my work.

I would also like to thanks **MNO** Assistant Professor, Department of Computer Science & Application, Mandsaur University, Mandsaur (M.P.) for providing additional guidance and insight into my research work.

I express my gratitude and thanks to all the staff members of Computer Science & Engineering department for their sincere cooperation in furnishing relevant information to complete this dissertation well in time successfully.

Lastly but not least I must express my cordial thank to my parent, family members and friends who gave me the moral support without which it was impossible to complete my project work. With this note I thank everyone for the support.

**Student Name**



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