AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

Department of Computer Engineering

BE Project Calender 2022-23

Semister – I

Class:- BE Computer

Date:- 20/07/2022

July			August					September					October					November	
3rd Week	4th Week	5th Week	1st Week	2nd Week	3rd Week	4th Week	5th Week	1st Week	2nd Week	3rd Week	4th Week	5th Week	1st Week	2nd Week	3rd Week	4th Week	5th Week	1st Week	2nd Week
Registration of Project Group	Project Undertaking	Submission of Project Synopsis	Project Presentation		Finalization of Project and Allotement of Guide	Submission of Final Synopsis	**First Presentation** (Review I)	Feasibility Study	Scope of Project	**Second Presentation** (Review II)	Requrement Analysis		**Third Presentation** (Review III)		System Architecture	UML Diagrams	**Fourth Presentation** (Review IV)	Submission of Partial Project Report	
			PPT Content 1. Detailed problem defination 2.Area 3.Abstract 4. Literature Survey 5.Scope of the project 6.Software-Hardware requ.				PPT Content ***1. Problem Statement 2.Motivation 3. Objectives 4. Literature Review***			PPT Content ***1. Feasibility 2. Scope***			PPT Content ***Requirement Analysis***				PPT Content ***Design 1.Architecture 2. DFD 3.Class 4. Object 5. USE case 6. Squence 7. Activity***	Participate in - Project Competition/Event -Paper Publication / Presentation(if any)	
Google Form	Project Guidelines Awarness		Presentation		Discuss with Students		Verify Checklist I Questions	Duscuss with Project Guide		Verify Checklist II Questions	Duscuss with Project Guide		Verify Checklist III Questions		Duscuss with Project Guide		Verify Checklist IV Questions	Verification of Project Report, Work Book	
	Project Coordinator				Verify Synopsis		Submit Review -I Checklist,	Approve PPT.		Submit Review -II Checklist,	Approve PPT.		Submit Review -III Checklist,		Approve PPT.		Submit Review -IV Checklist,	Submit Certificates (if Any) & Project Report	

Note:- All project guides request to maintain all documents of your groups and submit to project co-ordinator.

Dr. D.R.Patil **Dr. R.G.Tambe** **Prof. R.L.Paikrao**

Project Co-ordinator **HOD**

Project Work Book

Fourth Year Computer Engineering

Year 2022 - 2023

Group/Project ID: | | | | |

Team Members:

1. _____
2. _____
2. _____
4. _____

Project Title: _____

_____

_____

_____

Project Guide:_____

Area of the Project:_____

Department of Computer Engineering
Amrutvahini Sheti & Shikshan Vikas Sanstha's
Amrutvahini College of Engineering, Sangamner
Amrutnagar, Sangamner - 422 608
Affiliated to Savitribai Phule Pune University, Pune

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

Vision

To create opportunities for rural students to become able engineers and technocrats through continual excellence in engineering education.

Mission

Our mission is to create self disciplined, physically fit, mentally robust and morally strong engineers and technocrats with high degree of integrity and sense of purpose who are capable to meet challenges of ever advancing technology for the benefit of mankind and nature.

We, the management, the faculty and staff, therefore promise to strive hard and commit ourselves to achieve this objective through a continuous process of learning and appreciation of needs of time.

DEPARTMENT OF COMPUTER ENGINEERING

Vision

To serve the needs of society through competent technical education, promoting Industry-Institute Interaction and develop competent and cultured computer Engineers.

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M1: The Mission of computer Engineering Department is to effectively develop and channelize creative talents of students to face challenges posed by ever-changing computing industry with enhancement in Industry-Institute interaction.

M2: We, the faculty & the staff of Computer Engineering department commit ourselves to inculcate good moral values and shape a strong academic background of the pupil so important to work towards the betterment of the society as able technocrats & responsible citizens.

Program Educational Objectives (PEO's)

1. **To prepare globally competent graduates having strong fundamentals, domain knowledge, updated with modern technology to provide the effective solutions for engineering problems.**
2. **To prepare the graduates to work as a committed professional with strong professional ethics and values, sense of responsibilities, understanding of legal, safety, health, societal, cultural and environmental issues.**
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4. **Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.**
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11. **Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.**
12. **Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.**

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General Guidelines:

- **Identifying domain, feasibility and usability of work.**
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- **Understanding the way project will be materialized and progressed.**

University Syllabus
Savitibai Phule Pune University

Term I

Teaching Scheme:
Tutorial: 2 Hours/Week **Term Work Assessment: 50 Marks**

Course Objectives:

- **To develop problem solving abilities using mathematics;**
- **To apply algorithmic strategies while solving problems;**
- **To develop time and space efficient algorithms;**
- **To develop software engineering documents and testing plans**
- **To use algorithmic solutions using distributed, Embedded, concurrent and parallel environments.**
- **To encourage and expose students for participation in National/ International paper presentation activities.**
- **Exposure to Learning and knowledge access techniques using Conferences, Journal papers and participation in research activities.**

Course Outcomes:

- **To provide ethical, sustainable and socially acceptable solution to the problem in projects;**
- **To solve problem in projects;**
- **To develop SRS and other software engineering documents in the project report;**
- **To solve problems using multi-core, distributed, embedded, concurrent/Parallel environments;**
- **To write conference paper;**
- **To demonstrate presentation, communication and team-work skills.**

Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College of Engineering, Sangamner

Department of Computer Engineering

Undertaking by Students

We, the students of B.E. Computer hereby assure that we will follow all the rules and regulations related to project activity for the academic year 2022 - 2023.

Domain - _____

The Project entitled-

_____

_____

_____

_____

will be fully designed/ developed by us and every part of the project will be original work and will not be copied/ purchased from any source.

Name of the student	**Signature**
1._____	**_____**
2._____	**_____**
3._____	**_____**
4._____	**_____**

Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College of Engineering, Sangamner

Department of Computer Engineering

Date: / /20

Updates on weekly task(s) Achieved

Points to be consider:

Any risk or issues identified

Points to be consider:

New ideas and change in project direction

Any other discussion:

Project Guide	Reviewer	Project Co-ordinator	HOD
	1. _____	1. Dr. D. R. Patil	Prof. R. L. Paikrao
	2. _____	2. Dr. R. G. Tambe	

Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College of Engineering, Sangamner

Department of Computer Engineering

Participation Details

Project Competition:

Conference/Journals:

Any other

Project Guide | Project Co-ordinator (Dr. D. R. Patil/ Dr. R. G. Tambe) | HOD (Prof. R. L. Paikrao)

Project Review I

Problem Statement, Motivation, objectives and Literature

Student is expected to deliver presentation covering Problem Statement, Motivation, objectives and Literature Review. Date: / /2022

Sr. No.	Question	Yes/No	Students Name			
1)	Does the statement gives clear identification about what your project will accomplish?					
2)	Is the statement short and concise?					
3)	Can a person who is not familiar with the project understand scope of the project by reading the project problem statement?					
4)	The project's objectives of study (what product, process, resource etc.) are being addressed?					
5)	Is similar type of methodology / model used for existing work?					
6)	Is the studied literature sufficient to decide scope of the project?					
7)	Are the objectives set will help to achieve goal of the project?					
8)	Does Research gap identified will lead to find motivation of project?					
9)	Does your project contribute to our society by any means and will lead to find motivation?					
10)	Are the objectives clearly and unambiguously listed?					
	Average Marks					
Remark and Suggestions:						

Name and Sign of Reviewers:

1. _____ _____

2. _____ _____

Project Guide

Project Co-ordinator
(Dr. D. R. Patil/ Dr. R. G. Tambe)

HOD
(Prof. R. L. Paikrao)

Project Review II

Feasibility and Scope

Student is expected to deliver presentation covering Feasibility and Scope. Date: / /2022

Sr. No.	Question	Yes/No	Students Name			
1)	Is the project's view point is understood?					
2)	Is the project goal statement is in alignment with the sponsoring organization's business goal and mission?					
3)	Who is the project's end user?					
4)	What is the projected cost of producing a product?					
5)	Is project achievable in specified (Time, Cost Budget)?					
6)	Are the requirements within the scope of the project?					
7)	Is the scope properly defined?					
8)	Does the problem statement clearly define scope of the project?					
9)	Do the project requirements fit into available software and hardware?					
10)	Whether the milestones are stated completely and project timeline is given?					
11)	Whether risks like technical risks, Operational risks, schedule risks, business risks are dentified correctly or not?					
12)	Whether Risk prioritization is done properly or not and any back up plan is there or not?					
	Average Marks					
Remark and Suggestions:						

Name and Sign of Reviewers:

1. _____ _____

2. _____ _____

Project Guide

Project Co-ordinator
(Dr. D. R. Patil/ Dr. R. G. Tambe)

HOD
(Prof. R. L. Paikrao)

Project Review III
Design

Student is expected to deliver presentation covering Design. Date: / /2022

Sr. No.	Question	Yes/No	Students Name			
1)	Is information domain analysis complete, consistent and accurate?					
2)	Is problem statement categorized in identified area and targeted towards specific area there in?					
3)	Is external and internal interfacing properly defined?					
4)	Are requirement consistent with schedule, resources and budget?					
5)	Are all requirements traceable to system level?					
6)	What is needed to make the product?					
7)	Is there a demand for the produce?					
8)	Is identification of stakeholders is done properly?					
9)	Whether all requirements are captured and documented in line with scope?					
10)	Whether all type of analysis classes are identified or not?					
11)	Whether the Acceptance criteria is decided are not?					
	Average Marks					
Remark and Suggestions:						

Name and Sign of Reviewers:

1. _____ _____

2. _____ _____

Project Guide

Project Co-ordinator
(Dr. D. R. Patil/ Dr. R. G. Tambe)

HOD
(Prof. R. L. Paikrao)

Project Review IV

Design

Student is expected to deliver presentation covering Design. Date: / /2022

Sr. No.	Question	Yes/No	Students Name			
1)	Are requirement reflected in the system architecture?					
2)	Does the design support both project (product) and project goals?					
3)	Does the design address all the issues form the requirement?					
4)	Is effective modularity achieved and modules are functionally independent?					
5)	Are structural diagrams (class, Object, etc) are well defined?					
6)	Are all class associations clearly defined and understood?(Is it cleat which classes provide which services)?					
7)	Are the classes in the class diagram clear? (What they represent in the architecture design document?)					
8)	Is inheritance appropriately used?					
9)	Are the multiplicities in the use case diagram depicted in the class diagram?					
10)	Are all objects used in sequence diagram?					
11)	Are the symbols used in all diagrams corresponding to UML standards?					
12)	Are behavioral diagrams (use case, sequence, activity, etc.) well defined and understood?					
13)	Does each case have clearly defined actors and input/ output?					
14)	Does the sequence diagram matches with class diagram?					
15)	Is aggregation/ containment (used) clearly defined and understood?					
16)	Whether State charts are capturing system's dynamic behavior correctly or not?					
17)	Related to procedural thinking whether DFDs and CFDs along with transaction and transformation flow are done correctly or not?					
	Average Marks					

Remark and Suggestions:

Name and Sign of Reviewers:

1. _____ _____

2. _____ _____

Project Guide

Project Co-ordinator
(Dr. D. R. Patil/ Dr. R. G. Tambe)

HOD
(Prof. R. L. Paikrao)

Internal Evaluation Sheet (Semester I)

Sr. No.	Name(s) of the student in the project group	Problem Statement / Motivation / Objectives / Scope/ Feasibility Requirement (05)	Literature Survey (05)	Requirement Analysis (05), Modeling & Designing (10)	Planning & Prototyping (05)	Presentation & Question - Answer (10)	Partial Project Report (10)	Total (50)

Note: Evaluation Committee must evaluate group members separately (separate evaluation sheet will be provided by guide) and average marks must be filled in above evaluation table by guide in the presence of evaluation committee. Evaluation sheet should be completed before external examination.

Name and Signature of Evaluation Committee:

1. **Prof.**
2. **Prof.**

Examiners Feedback and Suggestions:

Project Guide | Project Co-ordinator (Dr. D. R. Patil/ Dr. R. G. Tambe) | HOD (Prof. R. L. Paikrao)

Evaluation Rubrics for Project Stage I

Review Parameter	High	Medium	Low
Problem Statement	Provided three valid problem statements. **(Range: 2M)**	Provided only two valid problem statements. **(Range: 1M)**	Provided only one valid problem statement. **(Range: 0M)**
Formulation of Aim and Objectives	Provided appropriate Aim and Objectives for all three problem statements. **(Range: 2M – 3M)**	Provided appropriate Aim and Objectives for only two problem statements. **(Range: 1M)**	Provided appropriate Aim and Objectives for only one problem statement. **(Range: 0M)**
Literature Survey	Referred and cited to more than 05 research papers out of which at least 03 are recent references **(Range: 4M – 5M)**	Referred and cited to more than 04 research papers out of which at least 02 are recent references **(Range: 2M – 3M)**	Referred and cited to less than 03 research papers out of which only 01 is recent reference **(Range: 1M)**
Feasibility and Scope	Clearly specified the societal beneficiary and adherence to environmental safety **(Range: 4M – 5M)**	Clearly specified the societal beneficiary but safety measures are not Specified **(Range: 2M – 3M)**	Partially specified the societal beneficiary and may be hazardous to society and environment **(Range: 1M)**
Requirement Analysis	Specifies a detailed description of the full set of requirements **(Range: 4M – 5M)**	Specifies a description of the set of requirements, but some components are missing or are not detailed **(Range: 4M – 5M)**	Not able to articulate the requirements of a software artifact from a high-level specification **(Range: 1M)**
Modelling & Design/ Partial Implementation of System or Subsystem	Completed design, simulation and Partial implementation of system or subsystem **(Range: 7M – 10M)**	Completed design, simulation of system or subsystem **(Range: 4M – 6M)**	Completed only design of system or subsystem **(Range: 1M – 3M)**
Oral Presentation and Question-Answers	Demonstrated a detailed presentation of most of the project related concepts. Slides are well organised and answered all the questions fairly **(Range: 7M – 10M)**	Demonstrated fewer details of the project related concepts. Slides are well organised but not answered all the questions fairly **(Range: 4M – 6M)**	Poor organization of slides, and not aware about project idea properly **(Range: 1M – 3M)**
Preparation of Project Stage I Report	Project Stage I Report is well organised and includes aim, objectives, design steps, and the analysis of results and conclusion of the carried-out project work in detail **(Range: 7M – 10M)**	Project Stage I Report is well organised and includes aim, objectives, design steps. However, provided only fewer details of analysis of results and conclusion **(Range: 4M – 6M)**	The Project Stage I Report is not well organized, and the analysis of results and conclusion of the carried-out project work are not provided **(Range: 1M – 3M)**

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

Department of Computer Engineering

BE Project Calender 2022-23

Semester – II

Class: BE Computer

Date: 01/02/2023

Jan	February					March					April				May		
5th Week	1st Week	2nd Week	3rd Week	4th Week	5th Week	1st Week	2nd Week	3rd Week	4th Week	5th Week	1st Week	2nd Week	3rd Week	4th Week	1st Week	2nd Week	3rd Week
Modeling (Model Refinement and Algorithm development)					**Fifth Presentation** (Review V)		**Coding / Implementation**		**Sixth Presentation** (Review VI)		**Validation and Testing**		**Seventh Presentation** (Review VII)		**Report Writing** (Review VIII)		**Mock Project Examination**
Which software Development Process model is used?	Do you clearly identify data objects,their attributes and relationships?	Does the mathematical model clearly states goal of project?	Does any functional dependencies ar identified and described?	Which architectural model does your system supports?	PPT Content ***1. Process Model 2. Mathematical model 3. Architectural model 4. component diagram 5. Deployment diagram 6.NP-completeness***		Are all functions in the design coded?	Are all comments consistent with the code?	PPT Content **Project Demo**		alpha testing & beta testing ?	code using standard datasets	code in real time environment?	PPT Content **1. Manual Test cases 2. Automatic Test cases**	Submission of Draft of Report for checking	report properly organized, spelled, grammatically correct	complete results and comparative graphs	PPT Content **1. Abstract 2. Introduction 3.Literature Survey 3. Architecture 4. Algorithm /Methodlogy Used 5. Implenetation 6. Testing 7. Results 8. Conclusion 9. References**
Check Contents					Presentation	Check Contents			Presentation		**Review of Participation Activity**			Presentation	Prescribed format? Plagiarism free? Are all figures and tables properly cited? Weather references are properly cited?			Presentation
Verify Checklist Review V					Fill Grade Review V	Verify Checklist Review VI			Fill Grade Review VI		Verify Checklist Review VII			Fill Grade Review VII	Verify Checklist Review VIII Fill Grade Review VIII			Fill Internal Evalution Sheet - Workbook

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Project Co-ordinator **HOD**

Project Work Book

Fourth Year Computer Engineering

Year 2022 - 2023
Semester II

Group/Project ID: | | | | |

Team Members:

1. _____
2. _____
2. _____
4. _____

Project Title: _____

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_____

Project Guide:_____

Area of the Project:_____

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University Syllabus
Savitibai Phule Pune University

Term II

Teaching Scheme: **Term Work Assessment: 100 Marks**
TH: 6 Hours/Week **Presentation/Oral: 50 Marks**

Course Objectives:

- **To develop problem solving abilities using mathematics;**
- **To apply algorithmic strategies while solving problems;**
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- **To develop software engineering documents and testing plans;**
- **To use algorithmic solutions using distributed, Embedded, concurrent and parallel environments.**
- **To encourage and expose students for participation in National/ International paper presentation activities.**
- **Exposure to Learning and knowledge access techniques using Conferences,**
- **Journal papers and participation in research activities.**

Course Outcomes:

- **To solve problem and demonstrate the results of the project.**
- **To perform various test cases for project.**
- **To develop SRS, and other software engineering documents in the project report;**
- **To solve problems using multi-core, distributed, embedded, concurrent/Parallel environments.**
- **To participate in project exhibition/competition.**
- **To demonstrate presentation, communication and team-work skills.**

Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College of Engineering, Sangamner

Department of Computer Engineering

Undertaking by Students

We, the students of B.E. Computer hereby assure that we will follow all the rules and regulations related to project activity for the academic year 20 - 20 .

Domain - _____

The Project entitled-

_____

_____

_____

_____

will be fully designed/ developed by us and every part of the project will be original work and will not be copied/ purchased from any source.

Name of the student	**Signature**
1._____	**_____**
2._____	**_____**
3._____	**_____**
4._____	**_____**

Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College of Engineering, Sangamner

Department of Computer Engineering

Date: / /20

Updates on weekly task(s) Achieved

Points to be consider:

Any risk or issues identified

Points to be consider:

New ideas and change in project direction

Any other discussion:

Project Guide	Reviewer	Project Co-ordinator	HOD
	1. _____	1. Dr. D. R. Patil	Prof. R. L. Paikrao
	2. _____	2. Dr. R. G. Tambe	

Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College of Engineering, Sangamner

Department of Computer Engineering

Contest Participation Details

A. Participation in Project Competition / Exhibition:

Sr. No.	Name and Place of Project Competition / Exhibition	Date	Certificates / Prizes won

B. Paper Publication/ Presentation/IPR

Sr. No.	Name of Organizer	Date	Certificates / Prizes won

Any other

Note: Attach copy of certificate(s) in report as well as submit hardcopy to respective guides.

Project Guide | Project Co-ordinator (Dr. D. R. Patil/ Dr. R. G. Tambe) | HOD (Prof. R. L. Paikrao)

Project Review V

Modelling (Model Refinement and Algorithm development)

Student is expected to deliver presentation covering Modelling. **Date: / /20**

Sr. No.	Question	Yes/No	Students Name			
1)	Which software Development Process model is used? (Water fall, Incremental, RAD) How?(at this level?)					
2)	Do you clearly identify data objects, their attributes and relationships? (All constraints from SRS are captured or not?)					
3)	Have you clearly matched the objects with respective classes and their responsibilities?					
4)	Have you analyzed the requirements and represented them into respective models?					
5)	Can you differentiate between different system states and depict them in the form of state transition diagram?					
6)	Does the mathematical model clearly imply design of the project?					
7)	Does the mathematical model clearly states goal of project?					
8)	Does the interface between the modules properly identified?					
9)	Does any functional dependencies are identified and described?					
10)	Which architectural model does your system supports?					
11)	Whether Deployment diagram is inline with selected architecture?					
12)	Whether all components are designed properly and represented in component diagram?					
13)	Whether NP-completeness of algorithms is checked or not?					
	Average Marks					
Remark and Suggestions:						

Name and Sign of Reviewers:

1. _____ _____

2. _____ _____

Project Guide

Project Co-ordinator
(Dr. D. R. Patil/ Dr. R. G. Tambe)

HOD
(Prof. R. L. Paikrao)

Project Review VI

Coding / Implementation

Student is expected to deliver presentation covering Coding / Implementation. **Date: / /20**

Sr. No.	Question	Yes/No	Students Name			
1)	Does the code completely and correctly implement the design?					
2)	Does the code comply with the coding standard?					
3)	Is the code well structured, consistent in style, and consistently formatted?					
4)	Are all functions in the design coded?					
5)	Does the code make use of object oriented concepts?					
6)	Does the code support granularity?					
7)	Does the language used for coding is correctly chosen as per the project need?					
8)	If any off the shelf components are used, Have you understood the functionalities of using it?					
9)	Are all comments consistent with the code?					
10)	Whether code optimization is done properly or not?(By using language features)					
	Average Marks					
Remark and Suggestions:						

Name and Sign of Reviewers:

1. _____ _____

2. _____ _____

Project Guide

Project Co-ordinator
(Dr. D. R. Patil/ Dr. R. G. Tambe)

HOD
(Prof. R. L. Paikrao)

Project Review VII
Validation and Testing

Student is expected to deliver presentation covering Validation and Testing. **Date: / /20**

Sr. No.	Question	Yes/No	Students Name			
1)	Have you done alpha testing?					
2)	Have you done beta testing?					
3)	Have you validated the requirements, design and code as per standard?					
4)	Have you performed GUI testing of project? How?					
5)	Does your system comply with basic usability norms?					
6)	Have you tested the code using standard datasets available in your area of project?					
7)	Have you tested the code in real time environment?					
8)	After integration of all components whether total performance of system is checked or not?					
9)	Whether repository of all components along with versions is documented or not?					
	Average Marks					
Remark and Suggestions:						

Name and Sign of Reviewers:

1. _____ _____

2. _____ _____

Project Guide

Project Co-ordinator
(Dr. D. R. Patil/ Dr. R. G. Tambe)

HOD
(Prof. R. L. Paikrao)

Project Review VIII

Report Writing

Student is expected to deliver presentation covering Report Writing. **Date: / /20**

Sr. No.	Question	Yes/No	Students Name			
1)	Is the report written as per the prescribed format?					
2)	Is the report timely prepared?					
3)	Is the report properly organized, spelled, grammatically correct?					
4)	Is the report plagiarism free? (Mention Percentage of Uniqueness)					
5)	Is the report precise and written to the point?					
6)	Is the report contains complete results and comparative graphs?					
7)	Are all figures and tables properly numbered and labeled?					
8)	Are all figures and tables properly cited?					
9)	Weather references are properly cited?					
	Average Marks					
Remark and Suggestions:						

Name and Sign of Reviewers:

1. _____ **_____**

2. _____ **_____**

Project Guide

Project Co-ordinator
(Dr. D. R. Patil/ Dr. R. G. Tambe)

HOD
(Prof. R. L. Paikrao)

Internal Evaluation Sheet (Semester II)

Sr. No.	Name(s) of the student in the project group	Modelling (10)	Coding and Implementation (40)	Testing (10)	Understanding, Individual Involvement / Contribution in the project (10)	Team Work (10)	Demonstration and Presentation (10)	Documents and Report (10)	Total (100)

Note: **Evaluation Committee must evaluate group members separately (separate evaluation sheet will be provided by guide) and average marks must be filled in above evaluation table by guide in the presence of evaluation committee. Evaluation sheet should be completed before external examination.**

Name and Signature of Internal Evaluation Committee:

1. **Prof.**
2. **Prof.**

Examiners Feedback and Suggestions:

Project Guide

Project Co-ordinator
(Dr. D. R. Patil/ Dr. R. G. Tambe)

HOD
(Prof. R. L. Paikrao)

Evaluation Rubrics for Project Stage II

Parameter	High	Medium	Low
Standards/Safety Norms and Project Log-book	Followed all the important professional standards, safety norms. Project log-book and project progress are shown in a timely manner **(Range: 7M – 10M)**	Followed all the important professional standards, safety norms. Only Project progress shown in timely manner **(Range: 4M – 6M)**	Followed few standards, safety norms. Both Project log-book and project progress are not shown in timely manner **(Range: 1M – 3M)**
Similarity Index	Similarity Index of project report using a plagiarism software is less than 20% **(Range: 7M – 10M)**	Similarity Index of project report using a plagiarism software is between 20% to 30% **(Range: 4M – 6M)**	Similarity Index of project report using a plagiarism software is more than 30% **(Range: 1M – 3M)**
Project Implementation (Hardware/Software Solution)	Strictly implemented the project idea as per previously defined aim and objectives **(Range: 7M – 10M)**	Implementation of the project idea as per previously defined aim and objectives is fair enough **(Range: 4M – 6M)**	Implementation of the project idea as per previously defined aim and objectives is not fair enough **(Range: 1M – 3M)**
Analysis of Results	Provided proper analysis of obtained results with the help flowcharts, Algorithms, Figures and Tables **(Range: 7M – 10M)**	Provided proper analysis of obtained results with the help only Figures and Tables **(Range: 4M – 6M)**	Not provided proper analysis of obtained results **(Range: 1M – 3M)**
Conclusion of Work	Provided valid conclusion of the project with precisely stating system limitations as well as future scope **(Range: 7M – 10M)**	Provided only valid conclusion of the project **(Range: 4M – 6M)**	Project conclusion provided is not clear **(Range: 1M – 3M)**
Preparation of Project Report	The Project Report is well designed and includes aim, objectives the outcome, analysis of results and conclusion **(Range: 7M – 10M)**	The Project Report and Poster are NOT well organized, and includes few details **(Range: 4M – 6M)**	The Project Report is NOT well organized, and the Poster is NOT Prepared **(Range: 1M – 3M)**
Publication of Research Papers	Published 02 research papers on project work in International Journal/ Conference **(Range: 7M – 10M)**	Published 01 research papers on project work in International Journal/ Conference **(Range: 4M – 6M)**	Published only 01 research paper on project work in National Journal/Conference **(Range: 1M – 3M)**