**MINI-PROJECT LOGBOOK**

GROUP MEMBERS

1. UTTAM PANDAY (201903034)
2. SANDEEP SAHANI (201903040)
3. DHRUYASH MAHALE (201903058)

Supervisor/Guide

Dr./Prof. Martina D’souza



Department of Information Technology

**Xavier Institute of Engineering, Mahim(W), Mumbai - 400 016**



**University of Mumbai**

(Academic Year 2021-22)

# INSTITUTE VISION & MISSION

**VISION:**

**To nurture the joy of excellence in a world of high technology.**

**MISSION:**

**To strive to match global standards in technical education by Interaction with industry, Continuous staff training, and Development of quality of life.**

**INFORMATION TECHNOLOGY DEPARTMENT**

**VISION:**

**To nurture the joy of excellence in a world of Information Technology.**

**MISSION:**

M1: To develop intellectual ability of undergraduates by giving exposure to the trends of industrial demand thus linking the curriculum with the corporate world.

M2: To promote excellence in teaching and learning by providing continuous staff training.

M3: To encourage students for higher studies and also to practice social responsibility along with various career opportunities.

# PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

After 3-5 years of graduation, Information Technology engineering Graduates will be

**PEO1:** employed as IT professionals, and will be engaged in learning, understanding, and applying new ideas and technologies as the field evolves.

**PEO2:** competent to use knowledge successfully in the diversified sectors of industry, academia, and research and work effectively in multidisciplinary environments.

**PEO3:** aware of professional ethics and create a sense of social responsibility in building the nation/society. for Employment, Entrepreneurship, Higher education and Research.

# PROGRAM SPECIFIC OUTCOMES (PSOs)

**PSO1:** Demonstrate the ability to analyze and visualize the business domain and formulate appropriate information technology solutions.

**PSO2:** Apply various technologies like Intelligent Systems, Data Mining, IOT, Cloud and Analytics, etc. for innovative solutions to real time problems.

# PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to

**PO1** Apply the knowledge of mathematics, basic science and basic engineering to solve engineering problems.

**PO2** Analyze complex engineering problems, use modern information technology tools and techniques to simulate these problems.

**PO3** Design solution for complex engineering problems that meet specified needs with appropriate consideration for public health, safety, culture, environment and society.

**PO4** Investigate problem complexity and provide appropriate design and solution.

**PO5** Analyze complex engineering problems, use modern information technology tools and techniques for developing software.

**PO6** Apply engineering knowledge for the benefits of society such as safety, health and cultural issues.

**PO7** Evaluate the impact of technologies on society and environmental sustainability.

**PO8** Exhibit commitments towards professional ethics and moral responsibilities.

**PO9** Perform efficiently and professionally as an individual or in a team to accomplish a goal.

**PO10** Communicates technical and societal information using oral, written and digital presentation techniques.

**PO11** Understand management principles and apply these to one’s own work and to manage projects.

**PO12** Engage in independent life-long learning as well as take up higher education courses and research work.

# STUDENT INFORMATION

**Project Title:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Student 1** | **Student 2** | **Student 3** | **Student 4** |
| **Student ID** | 201903034 | 201903040 | 201903058 |  |
| **Name** | UTTAM PANDAY | SANDEEP SAHANI | DHRUYASH MAHALE |  |
| **Semester** | 5 | 5 | 5 |  |
| **Contact No.** | 7977948263 | 9082412912 | 9819981756 |  |
| **E-mail** |  |  | dhruyashmahale4@gmaiil.com |  |
| **Address** |  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**INSTRUCTIONS TO STUDENTS:**

1. The logbook must be submitted to the Guide or Co-Guide for verification and evaluation of project activities at least once in a week.
2. Log book duly signed by a guide must be submitted with a project report for evaluation at the end of semester to the department.

# DECLARATION

I declare that this project represents my ideas in my own words without plagiarism and

wherever others' ideas or words have been included, I have adequately cited and

referenced the original sources. I also declare that I have adhered to all principles of

academic honesty and integrity and have not misrepresented or fabricated or falsified

any idea/data/fact/source in my project work. I promise to maintain minimum 75%

attendance, as per the University of Mumbai norms. I understand that any violation of

the above will be cause for disciplinary action by the Institute.

Yours Faithfully

1.UTTAM PANDAY

2. SANDEEP SAHANI

3. DHRUYASH MAHALE

**(Date & Signature of Students**)

**COURSE OUTCOMES**

|  |  |
| --- | --- |
| **CO**  **No.** | **COURSE OUTCOME** |
| CO1 | Identify problems based on societal /research needs. |
| CO2 | Apply Knowledge and skill to solve societal problems in a group. |
| CO3 | Develop interpersonal skills to work as a member of a group or leader and demonstrate capabilities of self-learning in a group, which leads to lifelong learning. |
| CO4 | Draw the proper inferences from available results through theoretical/ experimental/simulations and represent project work through written and oral communication. |
| CO5 | Analyze the impact of solutions in societal and environmental context for sustainable development. |
| CO6 | Demonstrate project management principles during project work. |

**CO-PO-PSO MAPPING**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
| CO1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**SCHEDULE FOR MINI PROJECT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **Week** | **Contents** | **Remark** | **Guide Sign** |
| 8-Jul-2021 | 1 | Guidelines About the Project |  |  |
| 12-Jul-2021 | 2 | Selection of The Team Members And  Project Selection |  |  |
| 19-Jul | 3 | Review Meeting Batch 1 |  |  |
| 20-Jul | 4 | Review Meeting Batch 2 |  |  |
| 22-Jul | 5 | Review Meeting Batch 3 |  |  |
| 27-Jul | 6 | Review Meeting Batch 4 |  |  |
| 3-Aug-2021 | 7 | Discussed About the Project Report  And Logbook |  |  |
| 9-Aug-2021 | 8 |  |  |  |
| 16-Aug | 9 |  |  |  |
|  | 10 |  |  |  |

**PROGRESS/ATTENDANCE REPORT**

|  |  |
| --- | --- |
| Title of the Project: | |
| Group No. | Name of Student 1: |
| Name of Student 2: |
| Name of Student 3: |
| Name of Student 4: |
| Name of the Supervisor/Guide: Dr./Prof. | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No** | **Date** | **Attendance** | | | | **Progress/Suggestion** |
|  |  | 1 | 2 | 3 | 4 |  |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 6 |  |  |  |  | Presentation1 |
| 7 |  |  |  |  |  |
| 8 |  |  |  |  |  |
| 9 |  |  |  |  |  |
| 10 |  |  |  |  |  |
| 11 |  |  |  |  |  |
| 12 |  |  |  |  |  |
| 13 |  |  |  |  |  |

**Name, Date & Sign of the Supervisor/Guide**

# REVIEW-I FORM

GroupNo: Title of Mini-Project: DateofReview-I: No. of students in project team:

**Student Mini-Project Performance Analysis**(Put Tick as per your Observation)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Excellent (3) VeryGood(2) Good(1) | | | | |
| **Sr. No.** | **Observation** | **(3)** | **(2)** | **(1)** |
| 1 | Quality of problem and Clarity |  |  |  |
| 2 | Literature Survey |  |  |  |
| 3 | Innovativeness in solutions |  |  |  |
| 4 | Feasibility Of the Project |  |  |  |
| 5 | Usage of technology |  |  |  |
| 6 | Cost effectiveness and Societal impact |  |  |  |
| 7 | Overall Presentation & Performance |  |  |  |
| **Comments:** |  | | | |

**Project Guide & Panel Members Signature:** 1)

2)

3)

**Name, Date & Signature Name, Date & Signature**

**ProjectCoordinator HOD-InformationTechnology**

**REVIEW-II FORM**

Group No: Title Of Mini-Project: Date Of Review-II: No. of students in project team:

**Student Mini-Project Performance Analysis**(Put Tick as per your Observation)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Excellent (3) VeryGood(2) Good(1) | | | | |
| **Sr. No.** | **Observation** | **(3)** | **(2)** | **(1)** |
| 1 | Usage of effective skill sets |  |  |  |
| 2 | Design and Implementation |  |  |  |
| 3 | Testing and Analysis |  |  |  |
| 4 | Use of standard engineering norms |  |  |  |
| 5 | Cost effectiveness and Societal impact |  |  |  |
| 6 | Contribution of an individual member in team |  |  |  |
| 7 | Overall Presentation & Performance |  |  |  |
| **Comments:** |  | | | |

**Project Guide & Panel Members Signature:**1)

2)

3)

**Name, Date Signature Name, Date & Signature**

**Project Coordinator HOD-InformationTechnology**

**EXAMINER'S FEEDBACK FORM**

Name of External examiner: College of External examiner: Name of Internalexaminer:

Date Of Examination: / /

No. of students in project team:

Availability of separate lab for the project: Yes/No

**Student Performance Analysis** (Put Tick as per your Observation)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Excellent (3) VeryGood(2) Good(1) | | | | |
| **Sr. No.** | **Observation** | **(3)** | **(2)** | **(1)** |
| 1 | Quality of problem and Clarity |  |  |  |
| 2 | Innovativeness in solutions |  |  |  |
| 3 | Cost effectiveness and Societal impact |  |  |  |
| 4 | Full functioning of working model as per stated requirements |  |  |  |
| 5 | Effective use of skill sets |  |  |  |
| 6 | Effective use of standard engineering norms |  |  |  |
| 7 | Contribution of an individual’s as member or leader |  |  |  |
| 8 | Clarity in written and oral communication |  |  |  |
| 9 | Overall performance |  |  |  |

* Can the same mini project extend to next semester by adding new objectives/ideas? (Yes/ No)
* If yes, suggest new Innovative Technique/Idea/ objectives related to this project.

**Name, Date&Signature Name, Date &Signature**

**ExternalExaminer InternalExaminer**

**Name, Date & Signature**

**HOD-Information Technology**