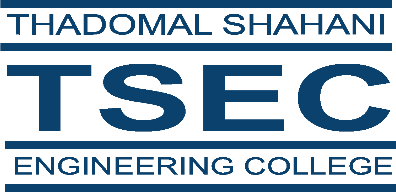
MINI-PROJECT LOGBOOK

GROUP MEMBERS

1. Name 1
2. Name 2
3. Name 3
4. Name 4

Supervisor

Prof.



Department of Information Technology

**TSEC, Mumbai - 400 050**



**University of Mumbai**

(Academic Year)

# INSTITUTE VISION & MISSION

## VISION:

Perpetuating and transcending the processes of:

* Contributing to evolving supply chain of human capital for National Economy
* Creating entrepreneurs and ‘game changers’ to support heightened level of economic activities underpinning ever increasing human aspiration
* Helping the Nation evolve as a total solution provider
* Value and wealth creation for the mankind

## MISSION:

Focusing and practicing:

* Product and processes innovation
* Leveraging human cognitive and behavioral science for creating instructional content
* Pervasive and ubiquitous Information Communication Technologies for customized content for learning
* Acknowledge and facilitate various learning styles and learning abilities
* Migrating from teaching paradigm to learning paradigm
* Everyday discourse shall inculcate research culture and further the cause of societal advancement
* Understand various markets and cultures
* Collaborative learning and emotional integrity
* Sensitizing about opportunities in Energy, Education, Environment and Health care sectors
* Extensively promoting computer-aided design, analysis and manufacturing procedures
* Theoretical rigor to develop conceptual clarity
* Modeling and design of experiments to inculcate a culture of investigation
* Helping footprint on Project management and collaborative human endeavor
* Interdisciplinary studies and exposure to functional areas

# INFORMATION TECHNOLOGY DEPARTMENT

## VISION:

The department should be known globally for its core competence in terms of intuitive and intelligent architectural solutions on “conversion of problem to logic”.

## MISSION:

Focusing and practicing:

* Theoretical rigor to develop conceptual clarity.
* Modeling and design of experiments to inculcate a culture of investigation.
* Making project-based learning-learning as a pervasive pedagogy.
* Transcending learning in the emerging areas of Artificial Intelligence, Deep Learning, Block-chain technology and Quantum Computing.
* Short term training program in evolving fields of Information Technology.
* Collaborative learning, interdisciplinary studies and exposure to functional areas.
* Sensitizing all concerned about automation in IT services, software product and software process innovation.
* Introducing risk management, risk mitigation and the process of hedging.
* Inculcating and enhancing the culture of entrepreneurship, start-up ventures and incubation process.
* Metamorphosis from a teaching paradigm to a learning paradigm.
* Everyday discourse shall inculcate research culture and create IPR in terms of process and product patents, by understanding various markets and cultures.

# PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

|  |  |
| --- | --- |
| **PEO I:** | To create graduates committed to furthering the cause of information technology to enable enterprises to seize the massive opportunity emerging in the IT services & IT product  marketplace. |
| **PEO II:** | To build theoretical rigor, conceptual clarity in learners & engage them to develop an attitude  and temperament to be productive in the workplace. |
| **PEO III:** | Help Learners develop competency & skill sets in customizing software products in niche/specialized areas like Big data Analytics, Artificial Intelligence, Deep learning &  Blockchain technologies. |
| **PEO IV:** | Help learners to develop competency in “Conversion of problem to logic” and in acquiring  modeling & simulation skills. |
| **PEO V:** | Help them to develop environmental consciousness, build intellectual & emotional integrity & the capacity to remain focused for a long time to achieve said goals. |

**PROGRAM OUTCOMES (POs)**

|  |  |
| --- | --- |
| **PO's** | **OUTCOMES** |
| PO1 | An ability to apply knowledge of mathematics, science and engineering fundamentals in the field of computing. |
| PO2 | Critically identify, formulate, and evaluate emerging topics and the recent development in the field and Provide solutions to futuristic engineering problems. |
| PO3 | A broad education is necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context. |
| PO4 | Ability in requirement gathering, design and implementation of software with computer systems to analyze and interpret the data. |
| PO5 | An ability to use the techniques, logical and analytical skills and modern engineering tools necessary for engineering practice. |
| PO6 | An ability to design a system component or process to meet desired needs within realistic constraints such as economic, environmental, social, cultural and safety issues. |
| PO7 | An ability to understand the impact of engineering knowledge on society and the environment with the need for sustainable solutions. |
| PO8 | To inculcate professional ethics. |
| PO9 | An ability to function effectively, individually and in teams to accomplish a common goal. |
| PO10 | An ability to communicate solutions to complex computing problems effectively using reports and presentations to a wide range of audiences. |
| PO11 | To instill leadership and managerial skills in a multidisciplinary environment. |
| PO12 | Recognition of the need for and an ability to engage in life-long learning. |

# PROGRAM SPECIFIC OUTCOMES (PSOs)

|  |  |
| --- | --- |
| PSO1 |  |
| PSO2 |  |
| PSO3 |  |
| PSO4 |  |

**STUDENT INFORMATION**

**Project Title:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Student 1** | **Student 2** | **Student 3** | **Student 4** |
| **Student ID** |  |  |  |  |
| **Name** |  |  |  |  |
| **Class with Division** |  |  |  |  |
| **Contact No.** |  |  |  |  |
| **E-mail** |  |  |  |  |
| **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 a week.
2. Logbook duly signed by a guide must be submitted with a project report for evaluation at the end of the 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 a minimum of 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



# Letter of Acceptance

I undersigned, Prof. SANOBER SHAIKH working in Information Technology Department, willing to guide the project titled UFIT for the Mini-Project of Semester VI respectively for the Academic

Year 2023-24.

The names of the students are:

1. Name 1
2. Name 2
3. Name 3
4. Name 4

|  |  |  |
| --- | --- | --- |
| Prof. | Prof. Sanober Shaikh | Dr. Mukesh Israni |
| **(Project Guide)** | **(Mini-Project Coordinator)** | **(HOD-Information Technology)** |

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# COURSE OUTCOMES

|  |  |  |  |
| --- | --- | --- | --- |
| **CO**  **No.** | **COURSE OUTCOME** | **POs covered** | **PSOs**  **covered** |
| 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. |  |  |
| CO4 | Draw the proper inferences from available results through theoretical/ experimental/simulations. |  |  |
| CO5 | Analyze the impact of solutions in societal and environmental context for sustainable development. |  |  |
| CO6 | Use standard norms of engineering practices |  |  |
| CO7 | Excel in written and oral communication. |  |  |
| CO8 | Demonstrate capabilities of self-learning in a group, which leads to lifelong learning. |  |  |
| CO9 | 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 | PSO3 | PSO4 |
| CO1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CO9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

# Students Project Course outcomes attainment mapped in the Level of 1 to 3

|  |  |  |
| --- | --- | --- |
| **CO**  **No.** | **COURSE OUTCOME** | **Attainment Level (1-3)**  Excellent (3)  Very Good (2) Good (1) |
| 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. |  |
| CO4 | Draw the proper inferences from available results through theoretical/ experimental/simulations. |  |
| CO5 | Analyze the impact of solutions in societal and environmental context for sustainable development. |  |
| CO6 | Use standard norms of engineering practices |  |
| CO7 | Excel in written and oral communication. |  |
| CO8 | Demonstrate capabilities of self-learning in a group, which leads to lifelong learning. |  |
| CO9 | Demonstrate project management principles during project work. |  |

|  |  |  |
| --- | --- | --- |
| Prof. | Prof. Sanober Shaikh | Dr. Mukesh Israni |
| **(Project Guide)** | **(Mini-Project Coordinator)** | **(HOD-Information Technology)** |

**SCHEDULE FOR MINI PROJECT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **Week** | **Contents** | **Remark** | **Guide Sign** |
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# 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: Prof. | |

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

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| 8 |  |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |
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| 15 |  |  |  |  |  |  |  |  |  |

**Prof.**

# REVIEW-I FORM

## Group No:

**Title of Mini-Project 1:**

**Date of Review-I:**

## No. of students in project team: 4

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Excellent (3) Very Good (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:**

Prof. Sanober Shaikh Dr. Mukesh Israni

**Project Coordinator HOD-Information Technology**

# REVIEW-II FORM

## Group No:

**Title of Mini-Project 1:**

**Date of Review-II:**

## No. of students in project team: 4

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Excellent (3) Very Good (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 the team |  |  |  |
| 7 | Overall Presentation & Performance |  |  |  |
| **Comments:** |  | | | |

**Project Guide & Panel Members Signature:**

Prof. Sanober Shaikh Dr. Mukesh Israni

**Project Coordinator HOD-Information Technology**

# EXTERNAL FEEDBACK FORM

**Title of the project:**

## Name of External examiner:

**College of External examiner:**

**Name of Internal examiner:** Prof.

**Date of Examination**: **No. of students in project team:** 4

## Availability of separate lab for the project: Yes / No

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

|  |  |  |
| --- | --- | --- |
| **CO**  **No.** | **COURSE OUTCOME** | **Attainment Level(1-3)**  Excellent (3)  Very Good (2) Good (1) |
| 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. |  |
| CO4 | Draw the proper inferences from available results through theoretical/ experimental/simulations. |  |
| CO5 | Analyze the impact of solutions in societal and environmental context for sustainable development. |  |
| CO6 | Use standard norms of engineering practices |  |
| CO7 | Excel in written and oral communication. |  |
| CO8 | Demonstrate capabilities of self-learning in a group, which leads to lifelong learning. |  |
| CO9 | Demonstrate project management principles during project work. |  |

o Have you proposed new model by adding new objectives/ideas? (Yes/ No)

o If yes, can it be filled as a Patent?

## Prof.

**External Examiner Internal Examiner**

**Dr. Mukesh Israni**

**HOD-Information Technology**

# INTERNAL FEEDBACK FORM

**Title of the project:**

## Name of External examiner:

**College of External examiner:**

**Name of Internal examiner:** Prof.

**Date of Examination**: **No. of students in project team:** 4

## Availability of separate lab for the project: Yes / No

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

|  |  |  |
| --- | --- | --- |
| **CO**  **No.** | **COURSE OUTCOME** | **Attainment Level (1-3)**  Excellent (3)  Very Good (2) Good (1) |
| 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. |  |
| CO4 | Draw the proper inferences from available results through theoretical/ experimental/simulations. |  |
| CO5 | Analyze the impact of solutions in societal and environmental context for sustainable development. |  |
| CO6 | Use standard norms of engineering practices |  |
| CO7 | Excel in written and oral communication. |  |
| CO8 | Demonstrate capabilities of self-learning in a group, which leads to lifelong learning. |  |
| CO9 | Demonstrate project management principles during project work. |  |

* Have you proposed new model by adding new objectives/ideas? (Yes/ No)
* If yes, can it be filled as a Patent?

**Prof. Dr. Mukesh Israni Internal Examiner HOD-Information Technology**