# ORGAN MATCHING CENTRE

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS OF MINI PROJECT 1B

**SEMESTER V**

IN

## INFORMATION TECHNOLOGY

BY

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UNDER THE GUIDANCE OF

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**INFORMATION TECHNOLOGY DEPARTMENT XAVIER INSTITUTE OF ENGINEERING UNIVERSITY OF MUMBAI 2022-2023**

## CERTIFICATE

This to certify that

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Have satisfactorily carried out the PROJECT work titled “ORGAN MATCHING CENTER” in partial fulfillment of the Mini project of Sem-5 of Information

Technology as laid down by the University of Mumbai during the academic year 2022-2023.

**Prof. SUVARNA ARANJO Prof. Jaychand Upadhyay**

**Supervisor/Guide Head Of Department**

# DECLARATION

I declare that this written submission represents my ideas in my own words and where 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 the principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission.

I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which thus have not been properly cited or from whom proper permission have not been taken when needed.

SAKSHAM GUPTA (202103017) ----------------------------

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Date:

# XAVIER INSTITUTE OF ENGINEERING



**Institute Vision**

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

# Institute Mission

To strive to match global standards in technical education by interaction with industry, continuous staff training and development of quality of life.



**Department Vision**

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

# Department Mission

M1: To develop the critical thinking ability of students by promoting interactive learning.

M2: To bridge the gap between industry and institute and give students the kind of exposure to the industrial requirements in current trends of developing technology.

M3: To promote learning and research methods and make them excel in the field of their study by becoming responsible while dealing with social concerns.

M4: To encourage students to pursue higher studies and provide them awareness on various career opportunities that are available.



# Program Educational Objectives (PEOs)

## Information Technology Engineering Graduates shall be

PEO1: Employed as IT professionals, and shall engage themselves in learning, understanding, and applying newly developed ideas and technologies as their field of study evolves.

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

PEO3: Aware of professional ethics and create a sense of social responsibility in building the nation/society.

# 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, Computer and Network Security etc. for innovative solutions to real time problems.



**CLASS: SE SEM: IV AY: 2022-23**

**COURSE CODE: ITM 401**

**COURSE NAME: Mini Project – 1 B for Front end /backend Application using PYTHON**

**Bloom’s Taxonomy Levels:**

1 = Remembering, 2= Understanding, 3 = Applying, 4 = Analyzing, 5 = Evaluating, 6 = Creating

**Course Outcomes:**

|  |  |  |
| --- | --- | --- |
| Sr. No | Course Outcome | Cognitive levels of attainment as per Bloom’s Taxonomy |
| On successful completion of course, learner/stud**e**nt will be able to: | |  |
| ITM 401.1 | **Identify** problems based on societal /research needs and **apply** knowledge and skill to solve these problems in a group. | L1, L2, L3 |
| ITM 401.2 | **Use** standard norms of engineering practices to **analyse** the impact of solutions in societal and environmental context for sustainable development. | L3, L4 |
| ITM 401.3 | **Develop** interpersonal skills and **ethical** awareness to work as member of a group or leader and **demonstrate** capabilities of self-learning in a group, which leads to lifelong learning. | L2, L3, L4, L5 |
| ITM 401.4 | **Demonstrate** project management principles during project work and **excel** in written and oral communication. | L5, L6 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | **CO-PO and CO-PSO Mapping** | | | | | | | |  |  |  | |
|  | **Engineering**  **Knowledge** | **Problem Analysis** | **Design/Development**  **Solutions** | **Complex Problem**  **investigation** | **Modern tool Usage** | **Engineer and Society** | **Environment and**  **Sustainability** | **Ethics** | **Individual and Team**  **work** | **Communication** | **Project mgt and finance** | **Life long Learning** | **Programm specific**  **outcome** | |
| CO No. | PO  1 | PO  2 | PO  3 | PO  4 | PO  5 | PO  6 | PO  7 | PO  8 | PO  9 | PO1  0 | PO1  1 | PO1  2 | PSO  1 | PSO  2 |
| ITM401.1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| ITM401.2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| ITM401.3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| ITM401.4 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |

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