

# **MAJOR PROJECT-I LOGBOOK**

## **(ITM 701)**

**Casca**

### **GROUP MEMBERS**

- |                            |               |
|----------------------------|---------------|
| <b>1. Charis Fernandes</b> | <b>221030</b> |
| <b>2. Keith Fernandes</b>  | <b>221027</b> |
| <b>3. Joseph Kummari</b>   | <b>221061</b> |
| <b>4. Aaron Vaz</b>        | <b>221117</b> |

Guide  
**Mrs. Pratibha Rane**  
Asst Professor

**Department of Information Technology**



**St. Francis Institute of Technology**  
**(Engineering College)**

**(An Autonomous Institute, Affiliated to University of Mumbai)**

AICTE Approved | NAAC A+ grade: 03 programs are NBA Accredited: ISO 9001:2015 Certified

**(Academic Year 2025-2026)**



# **ST. FRANCIS INSTITUTE OF TECHNOLOGY**

## **(ENGINEERING COLLEGE)**

*(Roman Catholic Christian Minority Educational Institute)*

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**P. B. No. 8456, Mt. Poinsur, S.V.P. Road, Borivli (West), Mumbai - 400 103.**

**Tel.: 28908585 / 28928585 Fax : 28954787 E-mail : [sfedu@sfit.ac.in](mailto:sfedu@sfit.ac.in) Website : [www.sfit.ac.in](http://www.sfit.ac.in)**

## **INSTITUTE VISION & MISSION**

### **VISION:**

To be a chrysalis where bright youngsters are transformed into technological entrepreneurs and innovative leaders of tomorrow's world, consistent with the Franciscan vision of integrity, peace and love.

### **MISSION:**

To churn highly competent engineering graduates with a commitment to result oriented work, a perennial zest for learning, a quest for excellence, an open mind and the universal values of honesty, dignity and mutual care.



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## **Department of Information Technology**

### **DEPARTMENT VISION & MISSION**

#### **VISION:**

To create a conducive instrument for transforming the enrolled potential fresher into competent Information Technology professional or entrepreneur with integrity and ethical value.

#### **MISSION:**

- To become unit of excellence in teaching, training, research, innovative application and extension work in IT in co-operation with various other departments.
- To make knowledge and expertise accessible with various dissemination strategies, including networking with research unit, colleges, government and industry along with the motivation for self-learning.
- To integrate teaching, research and practice along with higher education for generation and application of knowledge in line with emerging needs of industry, technical quality with market driven professional pursuits, programs, courses, collaboration.
- To develop entrepreneur skills along with ethical and professional values among the students.

### **PROGRAM EDUCATIONAL OBJECTIVES (PEO's)**

- To provide students with a sound foundation in mathematical, scientific and engineering fundamentals to design, analyze and solve complex engineering problems, to develop quest for higher studies and to inspire them to foster innovative research.
- To provide an environment and to make knowledge & expertise accessible for students to work in multi-disciplinary projects, to solve the real life problems with the help of modern tools and techniques and to lead towards a successful professional career.
- To develop effective soft skills, inculcate team building capabilities such as leadership skills, managerial skills, and entrepreneurial skills and simultaneously nurture professional and ethical attitude in broad social context for sustainable development through lifelong learning.



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## **Department of Information Technology**

### **PROGRAM SPECIFIC OUTCOMES (PSOs)**

- Students will be able to acquire the basic knowledge of analysis and design, based on the comprehensive principles of Software Engineering, Project Management, Software Testing and Quality Assurance.
- Students will be able to apply research-based approach using innovative tools and techniques in the field of Communication & Networks, Computer graphics & Image Processing and Information Security & Data Management.
- Students will be able to use the knowledge of Information Technology to develop end to end solutions in the field of SCAM (Social, Cloud, Analytics and Mobile).
- Students will be able to fuel entrepreneurship or to serve niche employment while portraying competencies like teamwork, efficient soft skills and a zeal for lifelong learning in order to contribute to society with moral and ethical values.



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## Department of Information Technology

### PROGRAM OUTCOMES (POs)

PO1	Engineering knowledge - Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.
PO2	Problem Analysis - Identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3	Design/development of solutions - Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.
PO4	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.
PO5	Modern tool usage - Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities, with an understanding of the limitations.
PO6	The engineer and society - Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO7	Environment and sustainability - Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Ethics - Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	Individual and team work - Function effectively as an individual, and as a member or leader in diverse teams, and in multi-disciplinary settings.
PO10	Communication - Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	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.
PO12	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. Graduates will be able to secure employment or be an entrepreneur with ability to apply professional knowledge with ethical responsibility.



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## Department of Information Technology

### STUDENT INFORMATION

**Project Title: LookBack : Visual Memory & Search App**

	<b>Student 1</b>	<b>Student 2</b>	<b>Student 3</b>	<b>Student 4</b>
<b>Student ID</b>	221030	221027	221061	221117
<b>Name</b>	Charis Fernandes	Keith Fernandes	Joseph Kummari	Aaron Vaz
<b>Class with Division</b>	BE IT A	BE IT A	BE IT A	BE IT A
<b>Contact No.</b>	+91 99755 82895	+91 75594 28210	+91 7715907656	+91 95520 46225
<b>E-mail</b>	fernandescharis097@student.sfit.ac.in	keithfernandes.2005@student.sfit.ac.in	josephkummari939@student.sfit.ac.in	aaronvaz4804@student.sfit.ac.in
<b>Address</b>	Nalasopara W	Nalasopara W	Goregaon(E)	Nalasopara W



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## Department of Information Technology

### INSTRUCTIONS TO STUDENTS:

1. The logbook must be submitted to the Guide for verification and evaluation of project activities at least once in a week.
2. Log book duly signed by guide must be submitted with 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. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

**(Signature of Students with Date)**



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## Department of Information Technology

### LETTER OF ACCEPTANCE

I undersigned, **Ms.Pratibha Rane** working in the Information Technology Department, willing to guide the project titled **LookBack : Visual Memory & Search App** for the Major Project-I Semester VII for the Academic Year 2025-26

The names of the students are:

1. Charis Fernandes
2. Keith Fernandes
3. Joseph Kummari
4. Aaron Vaz

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(Project Guide)

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(Project Coordinator)

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(HOD-INFT)





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## Department of Information Technology

### COURSE OUTCOMES

CO	COURSE OUTCOME	POs covered	PSOs covered
CO1	Students should be able to demonstrate sound technical knowledge of domain selected for project and apply it to solve real life problems for the sustainable development of the society.	PO1, PO6, PO7	
CO2	Students should be able to analyze complex engineering problems and apply appropriate and creative solutions to solve the problems using modern tools	PO2, PO3, PO4, PO5	
CO3	Students should be able to link across different domains of engineering and should be able to generate, develop and evaluate information so as to apply these skills to the project task	PO11	
CO4	Students should acquire collaborative skills through working in a team to achieve common goal and demonstrate knowledge of engineering and management principles by applying it in one's work, as a member and leader in the team	PO9, PO11	
CO5	Students should be able to communicate effectively and present ideas clearly and ethically, both written and oral.	PO8 , PO10	
CO6	Students should be able to learn on their own, reflect on their learning and take appropriate action to improve it in order to develop skill of lifelong learning	PO12	

### CO-PO-PSO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
ITM701.1																
ITM701.2																
ITM701.3																
ITM701.4																
ITM701.5																
ITM701.6																



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### SCHEDULE FOR MINI PROJECT

Date:	Week	Assigned Work
14-07-2025 to 19-07-2025	1	<ol style="list-style-type: none"> <li>1. Review of research papers related to the area of interest.</li> <li>2. Preparation of project proposals and submission to project coordinators.</li> <li>3. Visit to the library for “Awareness of Print Journals / IEEE Xplore Platform Search”.</li> </ol>
21-07-2025 to 25-07-2025	2	<ol style="list-style-type: none"> <li>1. Based on the reviews, refinement of project proposals (if accepted).</li> <li>2. Preparation of a powerpoint presentation on the guidelines given.(First round of scrutiny).</li> <li>3. Interview for Industry sponsored project.(For interested groups)</li> </ol>
28-07-2025 to 01-08-2025		<b>Session on “Literature Review”</b>
04-08-2025 to 08-08-2025	3	<ol style="list-style-type: none"> <li>1. Release of first list of approved topics and Round 2 of project proposal scrutiny (Presentations).</li> <li>2. Refinement of project proposal as per feedback given during presentation. (Applicable for Round 2)</li> <li>3. Allotment of Guide.</li> <li>4. Preparation of Project Log Book.</li> </ol>
11-08-2025 to 15-08-2025		<b>Session on “ How to define Problem Statement”</b>
18-08-2025 to 22-08-2025	4	<ol style="list-style-type: none"> <li>1. Documentation of the comparative table for “ Literature review related to methodologies” for the selected topic.</li> <li>2. Documentation of the comparative table for “Literature review related to algorithms” for the selected topic.</li> <li>3. Identify Gaps in the available literature</li> </ol>
25-08-2025 to 29-08-2025	4	<b>LATEX Workshop</b>
1-09-2025 to 5-09-2025	5	<b>Proposed Methodology</b> <ol style="list-style-type: none"> <li>1. Defining the problem statement with objectives</li> <li>2. Defining the scope of work.</li> </ol>
15-09-2025 to 19-09-2025	5	<ol style="list-style-type: none"> <li>1. Mapping of course outcomes of the project with POs and PSOs.(With the help of Project Guides)</li> <li>2. Discussion on system design of the project.</li> </ol>
22-09-2025 to 26-09-2025	6	<b>Mid Semester Evaluation</b>



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29-09-2025 to 3-10-2025	7	<ol style="list-style-type: none"> <li>1. Reporting to the guide.</li> <li>2. Discussion and refinement of complete system analysis, use case diagram /class diagram with explanation.</li> <li>3. Design of User Interface/ GUI of the project.</li> </ol>
6-10-2025 to 10-10-2025	8	<ol style="list-style-type: none"> <li>1. Reporting to the guide.</li> <li>2. Discussion of architectural design (Project flow /architecture with description/block diagram)</li> </ol>
13-10-2025 to 4-10-2024	9	<ol style="list-style-type: none"> <li>1. Discussion and refinement of Analysis modeling activity/Sequence diagram.</li> <li>2. Preparation of timeline chart and work breakdown structure.</li> </ol>
27-10-2025 To 31-10-2025	10	<ol style="list-style-type: none"> <li>1. Completion of White Book - Sem VII with Headers &amp; Certificate (In Latex format)</li> <li>2. Preparation of powerpoint presentation</li> <li>3. Approval of White Book - Sem VII and presentation from the guide.</li> </ol>
3-11-2025 To 7-11-2025	11	<b>End semester project evaluation - Sem VII</b>
As per final viva schedule	12	<ol style="list-style-type: none"> <li>1. Submission of Final Report</li> <li>2. Submission of certificates of participation/winner in any activity related to project</li> </ol>



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## Department of Information Technology PROGRESS/ATTENDANCE REPORT

Title of the Project: **LookBack : Visual Memory & Search App**

Group No.07	Name of Student 1: Charis Fernandes
	Name of Student 2: Keith Fernandes
	Name of Student 3: Joseph Kummari
	Name of Student 4: Aaron Vaz

Name of the Guide: Mrs Pratibha Rane

S.No.	Date	Progress/Suggestion					Sign of Guide
		1	2	3	4		
1							
2							
3							



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14							
15							

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



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## APPENDIX

- A. Final accepted synopsis copy
- B. Hard copy of technical papers referred for literature review.
- C. Any other document