Department of Computer Science & Engineering

(Artificial Intelligence & Machine Learning)

Academic Year

2024-25

LOG BOOK FOR MINI PROJECT- 1B

PROJECT GROUP NO : 1 0

GROUP MEMBERS

1. ATHARV ASADE (SE A102)

2. TANISHQ BAGKAR (SE A105)

3. ABHIJEET BHAGAT (SE A107)

4. KUNAL KUMAR CHAUHAN (SE A111)

Name of the Guide: **SARANYA VINOD**

INSTITUTE VISION & MISSION

VISION:

To create technically competent and ethically responsible professionals capable of providing efficient solutions to the contemporary world.

MISSION:

We aim to excel in our continual efforts, towards being one of the most recognized institutions by:

- Providing a conducive environment comprising high end infrastructure and state-of-the-art laboratory facilities wherein the students, faculty and staff can collectively enhance their technical potential.
- Encouraging innovation through research activities for the benefits of society.
- Developing competent professionals responsive to changing technology.

Department of Computer Science & Engineering
(Artificial Intelligence & Machine Learning)

VISION:

To achieve excellent standard of quality education by using latest technologies and excel in relevant areas of academia and industry with social responsibility.

MISSION:

1. To develop skilled professionals in the areas of Artificial Intelligence, Machine Learning and Deep Learning.
2. To inculcate values of professional ethics, social concerns and life-long learning.
3. To mould students to be technically competent through innovation, leadership and teamwork.

PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

PEO1	Aspire successful career in the field of Computer Engineering utilizing technical and professional skills while complying with ethical standards
PEO2	Provide techno-social solutions through communication, entrepreneurial, collaborative and engineering skill
PEO3	Indulge in life-long learning through higher studies, Research and continuing education.

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 solution to futuristic engineering problems.
PO3	The broad education 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 an impact of engineering knowledge towards society and environment with need to 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 of complex computing problems effectively using reports and presentations to wide range of audiences.
PO11	To instill leadership and managerial skills in multidisciplinary environment.
PO12	Recognition of the need for and an ability to engage in life-long learning.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1	Students will possess an ability to design and implement the skills in the areas of agriculture, health care, smart systems, stock market and multidisciplinary areas of Artificial Intelligence & Machine Learning.
PSO2	Students will be able to formulate solutions for real time applications through acquired programming knowledge in the respective domains.
PSO3	Students will be able to inculcate effective communication and ethics for lifelong learning and social awareness.

STUDENT INFORMATION

Project Title: Advanced Text Summarization Using AI

Name of the Guide: **Prof. SARANYA VINOD**

Academic Year: 2024-25

	Student 1	**Student 2**	**Student 3**	**Student 4**
ERP NO	230600120	230600112	230600102	230600108
Name	KUNAL KUMAR CHAUHAN	ABHIJEET BHAGAT	TANISHQ BAGKAR	ATHARV ASADE
Class & Div	SE-A	SE-A	SE-A	SE-A
Contact No.	7666261702	9930404460	8097077078	8237845812
E-mail	kunal.kumar007.12th@gmail.com	abhijeet92005bhagat@gmail.com	hydraaqua8@gmail.com	atharvasade@gmail.com
Address	Erwina B – 601, Casa Rio Gold, Palava City, Dombivali (E)	202, Kamlakarendu, Sudarshan Colony, Thane (E)	Shri Sahyadri CHSL, Bldg. No. 4A, flat no. 1, Old Mumbai Road, Kalwa (W)	Plot no. 66 Opp to Tilak school, sector 5, Ghansoli

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 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 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 norms. I understand that any violation of the above will be cause for disciplinary action by the Institute.

Yours Faithfully

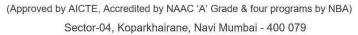1.KUNAL KUMAR CHAUHAN (A111)

2.ABHIJEET BHAGAT (A107)

3.TANISHQ BAGKAR (A105)

4.ATHARV ASADE (A102)

Lokmanya Tilak Jankalyan Shikshan Sanstha's
Lokmanya Tilak College of Engineering
An Autonomous Institute Affiliated to University of Mumbai
(Approved by AICTE, Accredited by NAAC 'A' Grade & four programs by NBA)
Sector-04, Koparkhairane, Navi Mumbai - 400 079

Department of Computer Science & Engineering
(Artificial Intelligence & Machine Learning)
Academic Year
(2024-25)

Letter of Acceptance

I undersigned, Prof. Saranya Vinod working in CSE(AI&ML) department, LTCOE, willing to

guide the project titled Advanced Text Summarization Using AI

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for the Mini Project-I B Semester IV for the academic year 2024-25.

The names of the students are:

1. KUNAL KUMAR CHAUHAN (A111)

2. ABHIJEET BHAGAT (A107)

3. TANISHQ BAGKAR (A105)

4. ATHARV ASADE (A102)

Prof. Saranya Vinod	Prof. Ashwini Pawar	Dr. Chaitrali Chaudhari
(Project Guide)	**(SE Project Coordinator)**	**(HOD CSE-AI&ML)**

COURSE OUTCOMES

CO No.	COURSE OUTCOME	Pos covered	PSOs covered
CO1	Identify problems based on societal /research needs.	PO 1, PO 5	PSO1
CO2	Apply Knowledge and skill to solve societal problems in a group.	PO 6	---
CO3	Develop interpersonal skills to work as member of a group or leader.	PO 9, PO 11	PSO3
CO4	Draw the proper inferences from available results through theoretical/ experimental/simulations.	PO 5	---
CO5	Analyze the impact of solutions in societal and environmental context for sustainable development.	PO 7	---
CO6	Use standard norms of engineering practices	PO 8	---
CO7	Excel in written and oral communication.	PO 10	---
CO8	Demonstrate capabilities of self-learning in a group, which leads to lifelong learning.	PO 3, PO 12	PSO2
CO9	Demonstrate project management principles during project work.	PO 2, PO 4	---

CO-PO-PSO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CO1	✓	-	-	-	✓	-	-	-	-	-	-	-	✓	-	-
CO2	-	-	-	-	-	✓	-	-	-	-	-	-	-	-	-
CO3	-	-	-	-	-	-	-	-	✓	-	✓	-	-	-	✓
CO4	-	-	-	-	✓	-	-	-	-	-	-	-	-	-	-
CO5	–	-	-	-	-	-	✓	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	✓	-	✓	-	-	-	-	-
CO7	-	-	-	-	-	-	-	–	-	✓	-	-	-	-	-
CO8	-	-	✓	-	-	-	-	–	-	–	-	✓	-	✓	-
CO9	-	✓	-	✓	-	-	-	–	-	–	-	-	-	-	-

SCHEDULE FOR MINI PROJECT- 1B

Date	Week	Contents	Remark	Guide Sign
	1	Discussion of area and problem statement identification		
	2	Objectives and scope		
	3	Requirement Analysis		
	4	Algorithms and design (Parallel activity: Report & PPT Preparation)		
	5	Implementation		
	6	Mid term Presentation and Demonstration		
	7	Implementation (considering the suggested points)		
	8	Implementation & PPT Preparation		
	9	Progress presentation & Result analysis		
	10	Report writing, Evaluation and Refinement (Final Report & PPT Preparation)		
	11	Presentation and Demonstration		

PROGRESS/ATTENDANCE REPORT

Title of the Project:	Advanced Text Summarization Using AI			
Group No. 10	Kunal Kumar Chauhan (A111)			
	Abhijeet Bhagat (A107)			
	Tanishq Bagkar (A105)			
	Atharv Asade (A102)			
Name of the Guide:	Prof. Saranya Vinod			

Sr. No	Date	Attendance				Progress/Suggestion	Mapping		
		1	**2**	**3**	**4**		**CO**	**PO**	**PSO**
1	9/01/2025					Discussion of area and problem statement identification	1,3	1,5,9,11	1,3
2	16/01/2025					Objective and scope	1	1,5	1
3	23/01/2025					Requirement Analysis	2	6	
4	6/02/2025					Algorithms and design (parallel activity: Report & PPT Preparation)	4	5	
5	13/02/2025					Implementation	5	7	

6	27/02/2025					Mid term Presentation and Demonstration	7,8	3,10,1,2	
7	6/03/2025					Implementation (considering the suggested points)	6	8	
8	13/03/2025					Implementation & PPT Preparation	6,7	8,10	
9	20/03/2025					Progress presentation & Result analysis	7,8	3,10,12	2
10	27/03/2025					Report writing, Evaluation and Refinement (Final Report & PPT Preparation)	7	10	
11	3/03/2025					Presentation and Demonstration	8,9	2,3,4,12	2,3

Signature of the Guide