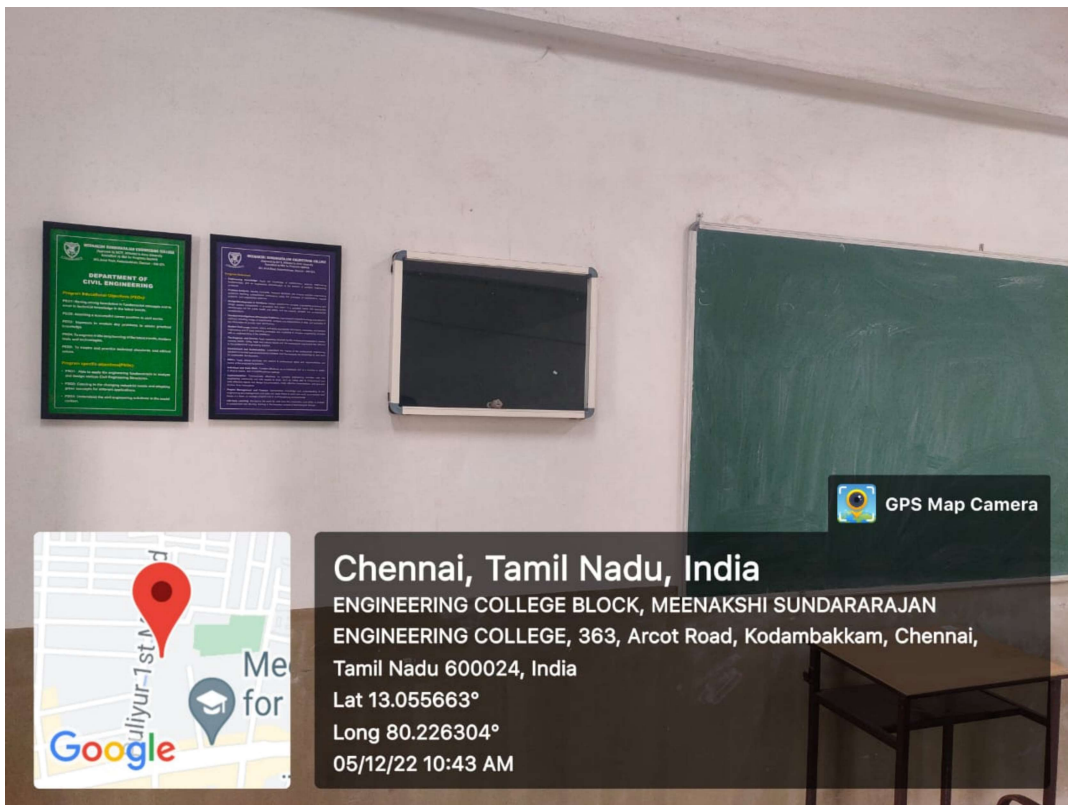


2.6.1. Teachers and students are aware of the stated Program and course outcomes of the Program offered by the institution

DEPARTMENT OF CIVIL ENGINEERING





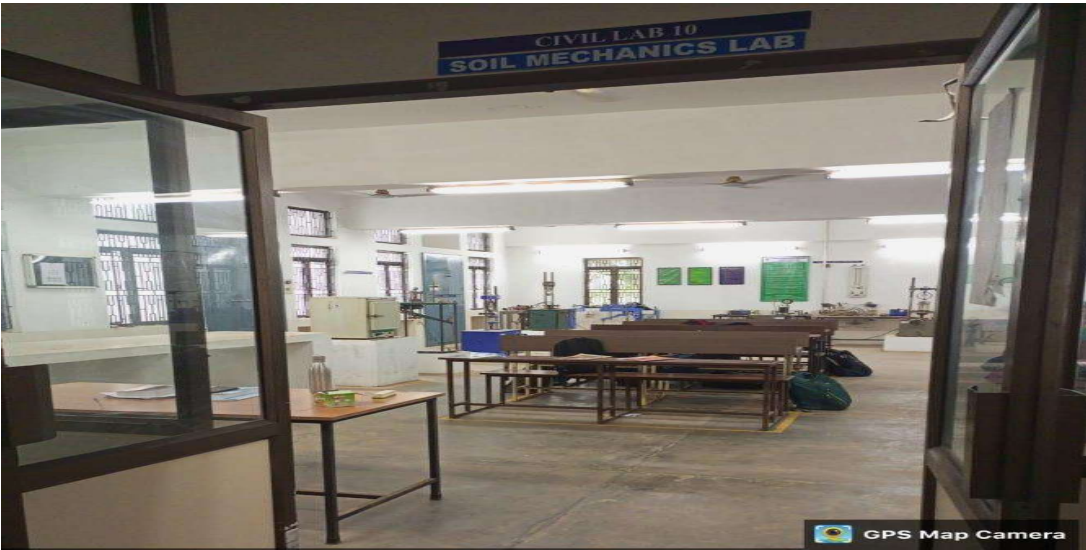


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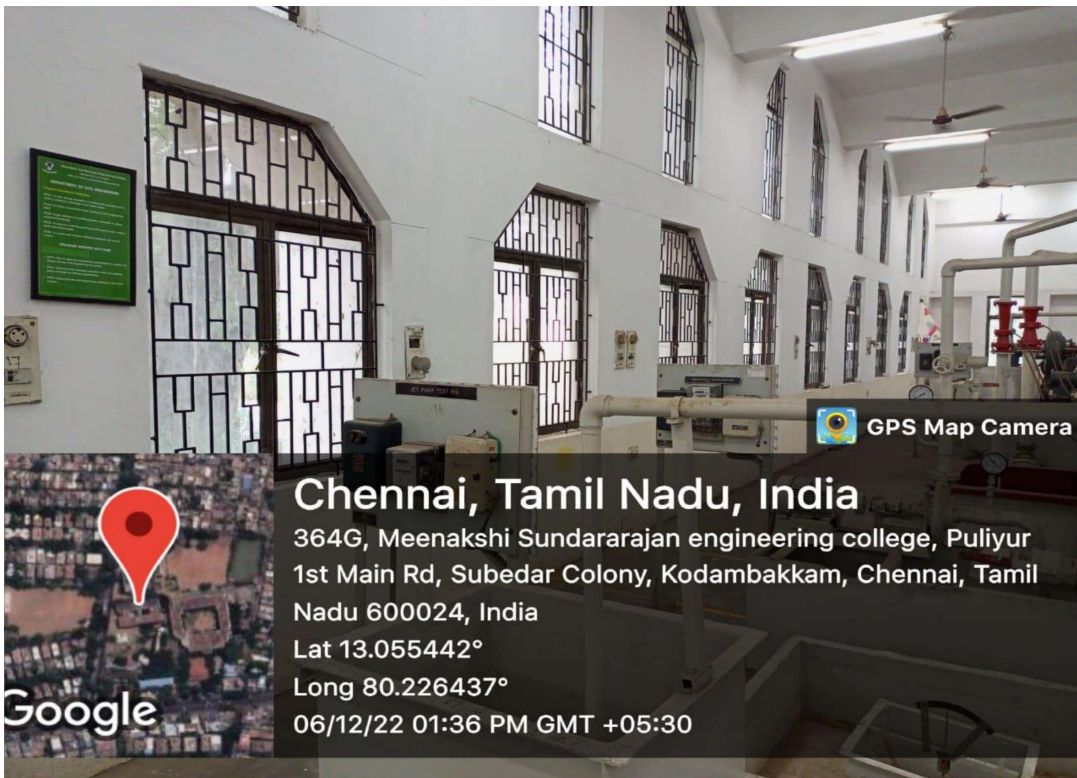
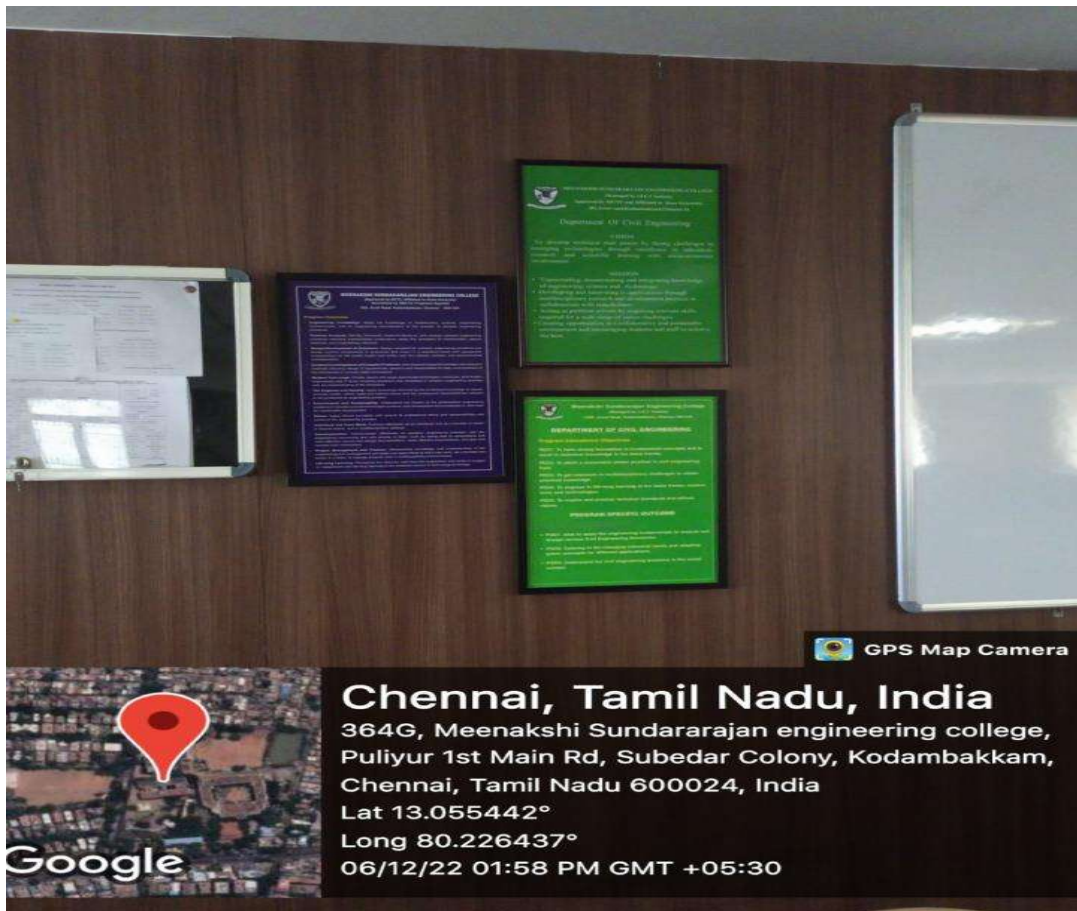
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364G, Meenakshi Sundararajan engineering college,
Puliyur 1st Main Rd, Subedar Colony, Kodambakkam,
Chennai, Tamil Nadu 600024, India
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Long 80.226437°
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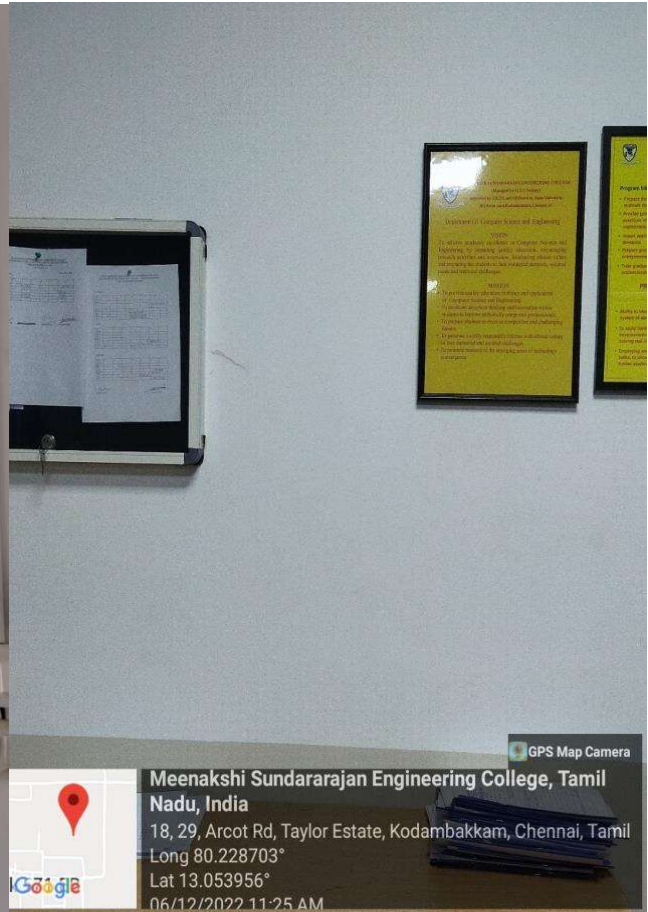
Chennai, Tamil Nadu, India
33/57, Arcot Rd, United India Colony, Kodambakkam, Chennai, Tamil Nadu
600024, India
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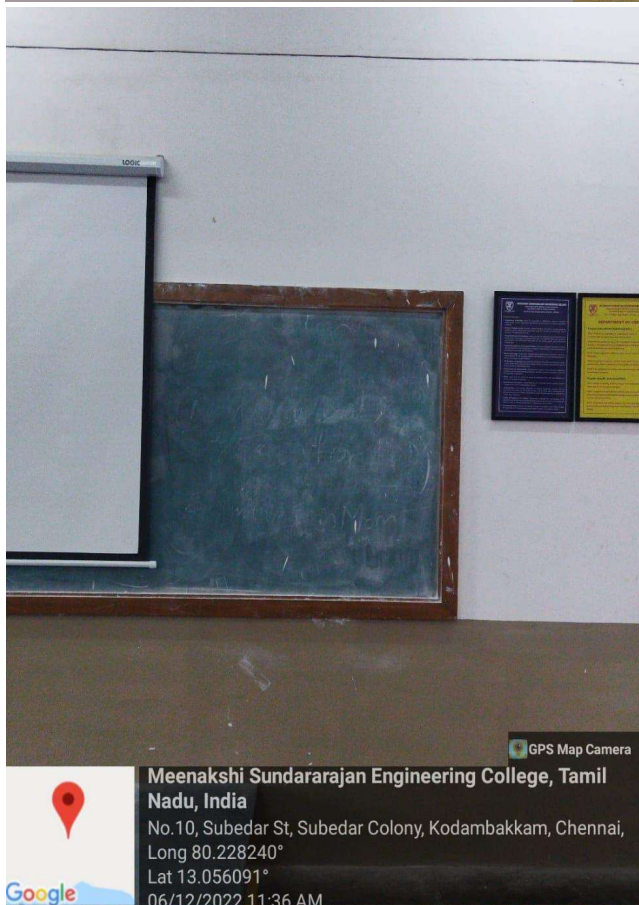
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



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 ENGINEERING COLLEGE BLOCK, MEENAKSHI
 SUNDARARAJAN ENGINEERING COLLEGE, Varadarajpet
 Rd, Subedar Colony, Kodambakkam, Chennai, Tamil Nadu
 600024, India
 Lat 13.047486°
 Long 80.228297°
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Meenakshi Sundararajan Engineering College, Tamil
 Nadu, India
 18, 29, Arcot Rd, Taylor Estate, Kodambakkam, Chennai, Tamil
 Nadu, India
 Lat 13.053956°
 Long 80.228703°
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Meenakshi Sundararajan Engineering College, Tamil
 Nadu, India
 No.10, Subedar St, Subedar Colony, Kodambakkam, Chennai,
 Tamil Nadu, India
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 Long 80.228240°
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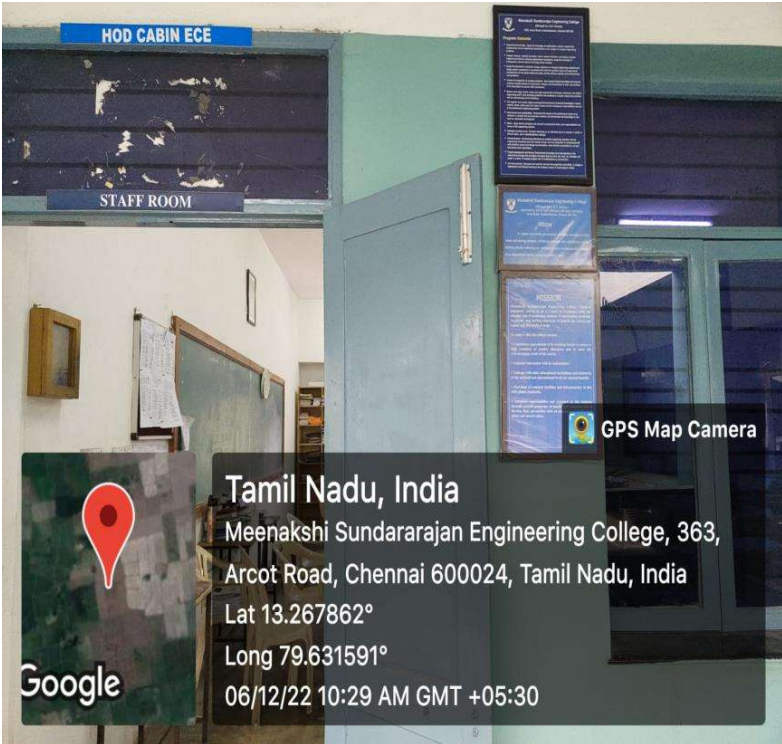
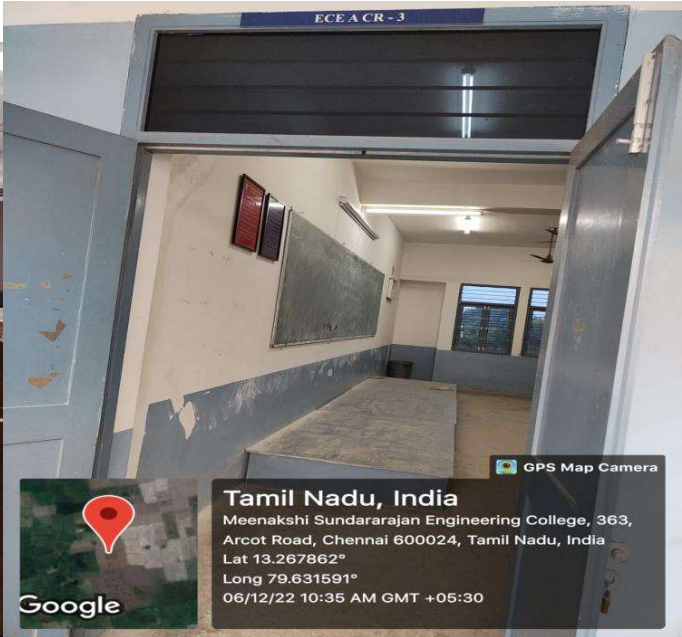
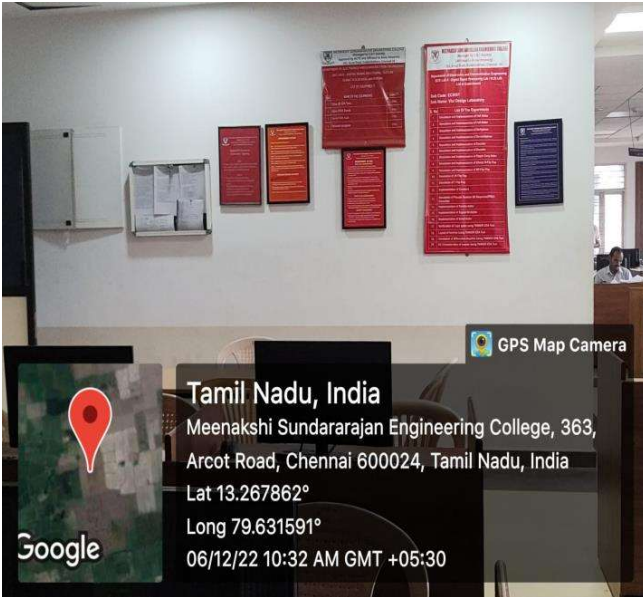
MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE
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 Accredited by ISO for Program Approval
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Program Outcomes

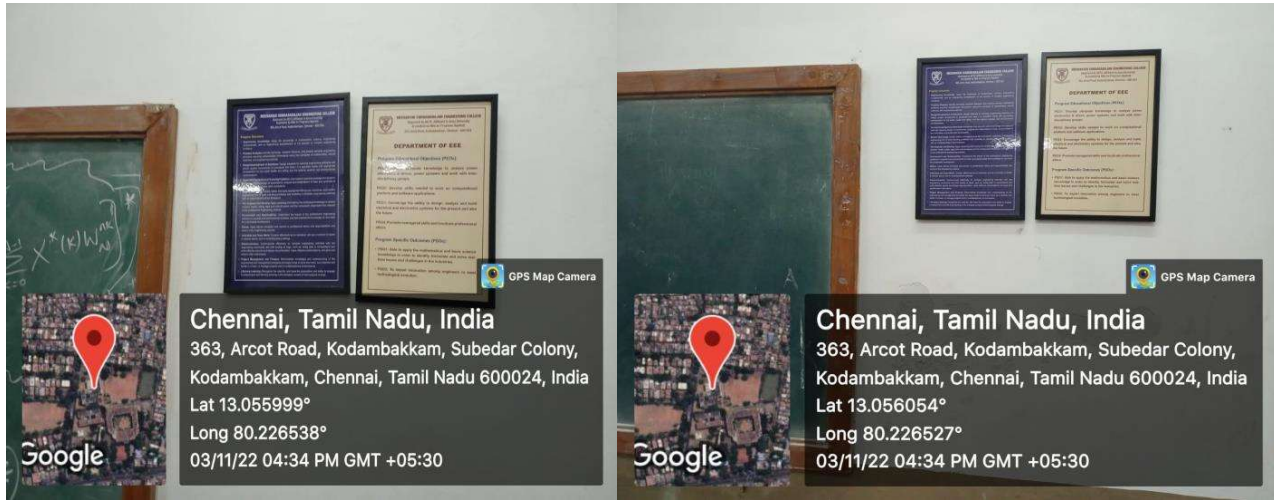
- Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- Problem Analysis:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- Design/Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet a specified need with appropriate consideration for the public health and safety, and the cultural, societal, and environmental consequences.
- 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 generate new conclusions.
- Modern Tool Usage:** Create, select and apply appropriate techniques, resources, and modern engineering and IT (including modelling and simulation) to complex engineering systems with an understanding of the limitations.
- The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities associated with an engineering solution.
- Environment and Sustainability:** Understand the impact of the professional engineering solutions in the context of the public health and safety, and the environment, and sustainable development.
- Communication:** Communicate effectively on complex engineering activities in multidisciplinary settings.
- Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management practices and apply these to one's own work, as a member or leader in a team, and with society at large, such as being able to manage and lead a team in an organized manner, make effective decisions, and design documentation, make effective assessment of resources.
- 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.

Chennai, Tamil Nadu, India
 ENGINEERING COLLEGE BLOCK, MEENAKSHI
 SUNDARARAJAN ENGINEERING COLLEGE, Varadarajpet
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



DEPARTMENT OF INFORMATION AND TECHNOLOGY



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DEPARTMENT OF IT

PEO1: Prepare the graduates in mathematical, scientific and basic engineering fundamentals necessary to formulate, analyze and solve hardware/software engineering problems.

PEO2: Gain knowledge in core areas of Information Technology for creating novel products.

PEO3: Create exemplary leaders for the industry and society.

PEO4: Incubate the ability to keep abreast of emerging and changing information and communication technologies.

PEO5: Encourage students for achieving professional excellence that will make an impact to the societal and human context.

Program Specific Outcomes (PSOs):

- PSO 1: Apply basic engineering knowledge in analysing and devising optimal solutions for various problems in business enterprise.
- PSO 2: Provide socially acceptable technical solutions to complex IT engineering problems.
- PSO 3: Gain knowledge of ethical and management principles required to work and lead a team.

Chennai, Tamil Nadu, India
ENGINEERING COLLEGE BLOCK, MEENAKSHI SUNDARARAJAN
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Lat 13.047486°
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GPS Map Camera



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DEPARTMENT OF IT

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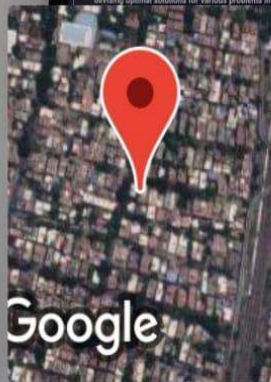
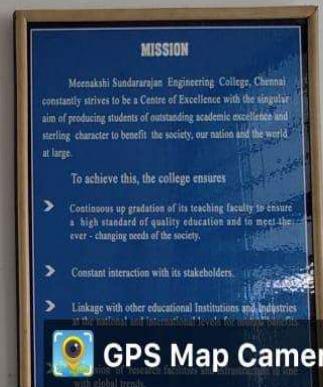
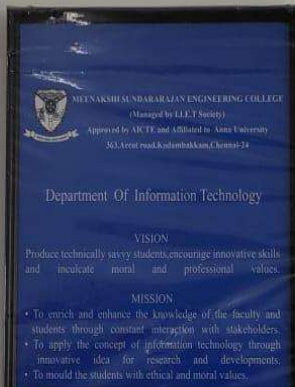
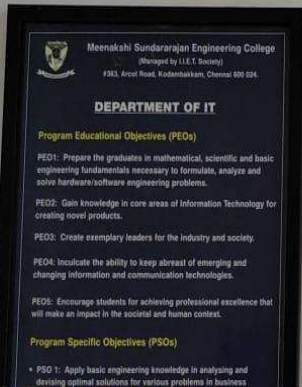
Chennai, Tamil Nadu, India
ENGINEERING COLLEGE BLOCK, MEENAKSHI
SUNDARARAJAN ENGINEERING COLLEGE, Varadarajpet
Rd, Subedar Colony, Kodambakkam, Chennai, Tamil Nadu
600024, India
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Kodambakkam, Chennai, Tamil Nadu 600024, India
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DEPARTMENT OF IT

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DEPARTMENT OF INFORMATION TECHNOLOGY
IT LAB 5- PYTHON AND C LAB
LIST OF EXPERIMENTS

SUB CODE: GE8161
SUB NAME: PROBLEM SOLVING AND PYTHON PROGRAMMING LAB

S.NO.	TITLE
1.	Computation of GCD for Two Numbers
2.	Finding Square Root of a Number Using Newton's Method
3.	Finding the Exponentiation of a Number
4.	Finding the Maximum Number in a List
5.	Implementation of Linear Search
6.	Implementation of Binary Search
7.	Implementation of Insertion Sort
8.	Implementation of Merge Sort
9.	Implementation of Quick Sort
10.	Implementation of Matrix Multiplication
11.	Implementation of Markov Chain
12.	Finding the Word Count in a Text File
13.	Finding the Frequent Words in a Text File
14.	Simulation of Elliptical Orbits Using Pygame
15.	Bouncing Ball Using Pygame



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DEPARTMENT OF IT

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Program Outcomes

Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

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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 create new knowledge.

Modern Tool Usage: Choose, select, and apply appropriate software and hardware tools for engineering and IT tasks including prediction and modeling with an understanding of the limitations.

The Engineer and Society: Apply reasoning informed by the substantial knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

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.

Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

Communication: Communicate effectively on complex engineering activities including writing reports, making presentations, and giving effective oral reports.

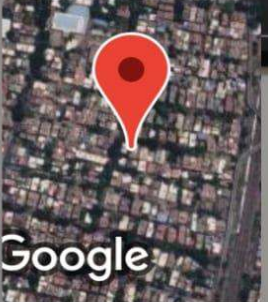
Project Management: Apply project management and financial principles to the management of a team.

Leadership: Demonstrate leadership skills in a team environment.

Teamwork: Function effectively as an individual and as a member and leader in diverse teams and multidisciplinary settings.

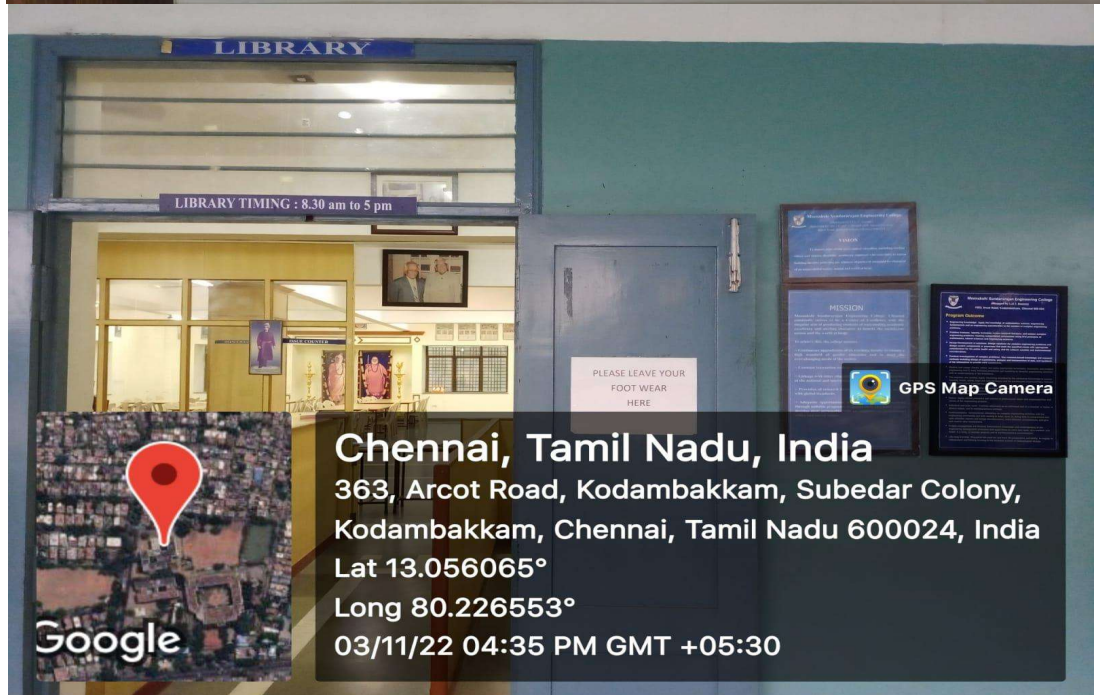
Professional Development: Engage in individual and collective activities to enhance their knowledge and skills for current and future professional challenges.

Global and Cultural Relevance: Demonstrate an understanding of global issues and the impact of professional engineering on global societies and cultures; recognize the consequences of the professional engineering solutions in global contexts.

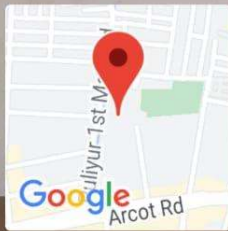
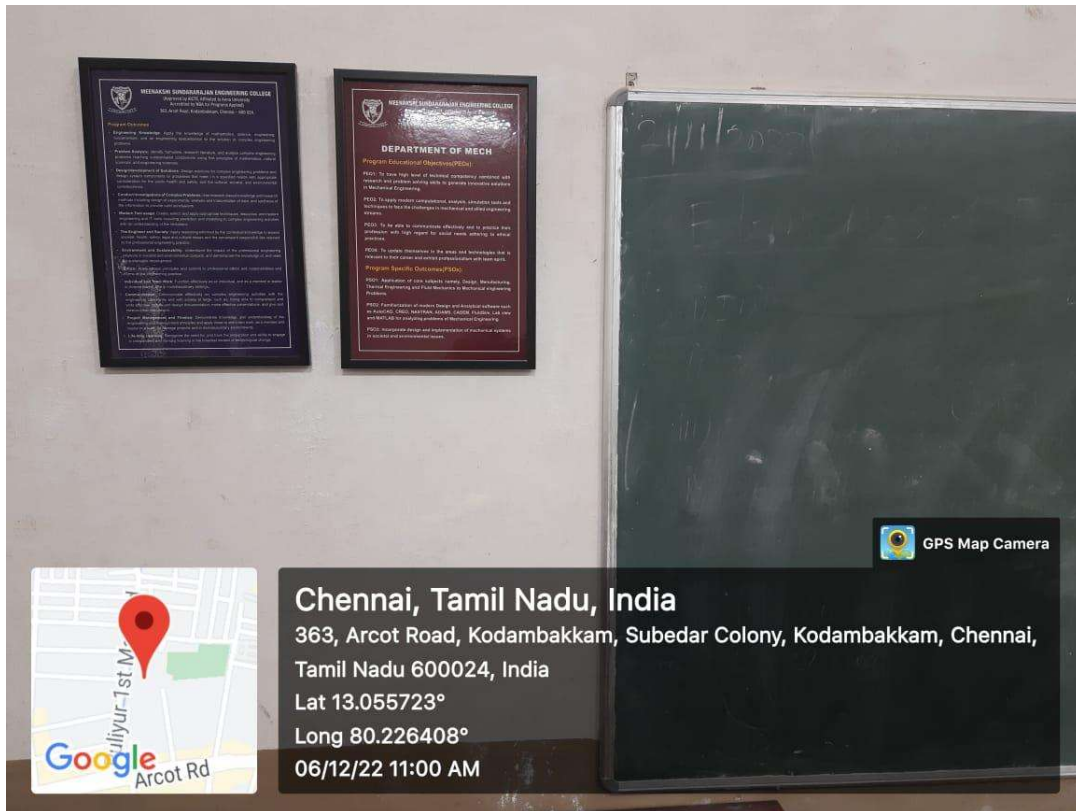


Chennai, Tamil Nadu, India
ENGINEERING COLLEGE BLOCK, MEENAKSHI SUNDARARAJAN
ENGINEERING COLLEGE, Varadarajpet Rd, Subedar Colony,
Kodambakkam, Chennai, Tamil Nadu 600024, India
Lat 13.047486°
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DEPARTMENT OF MECHANICAL ENGINEERING



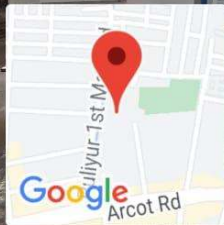
Chennai, Tamil Nadu, India

363, Arcot Road, Kodambakkam, Subedar Colony, Kodambakkam, Chennai,
Tamil Nadu 600024, India

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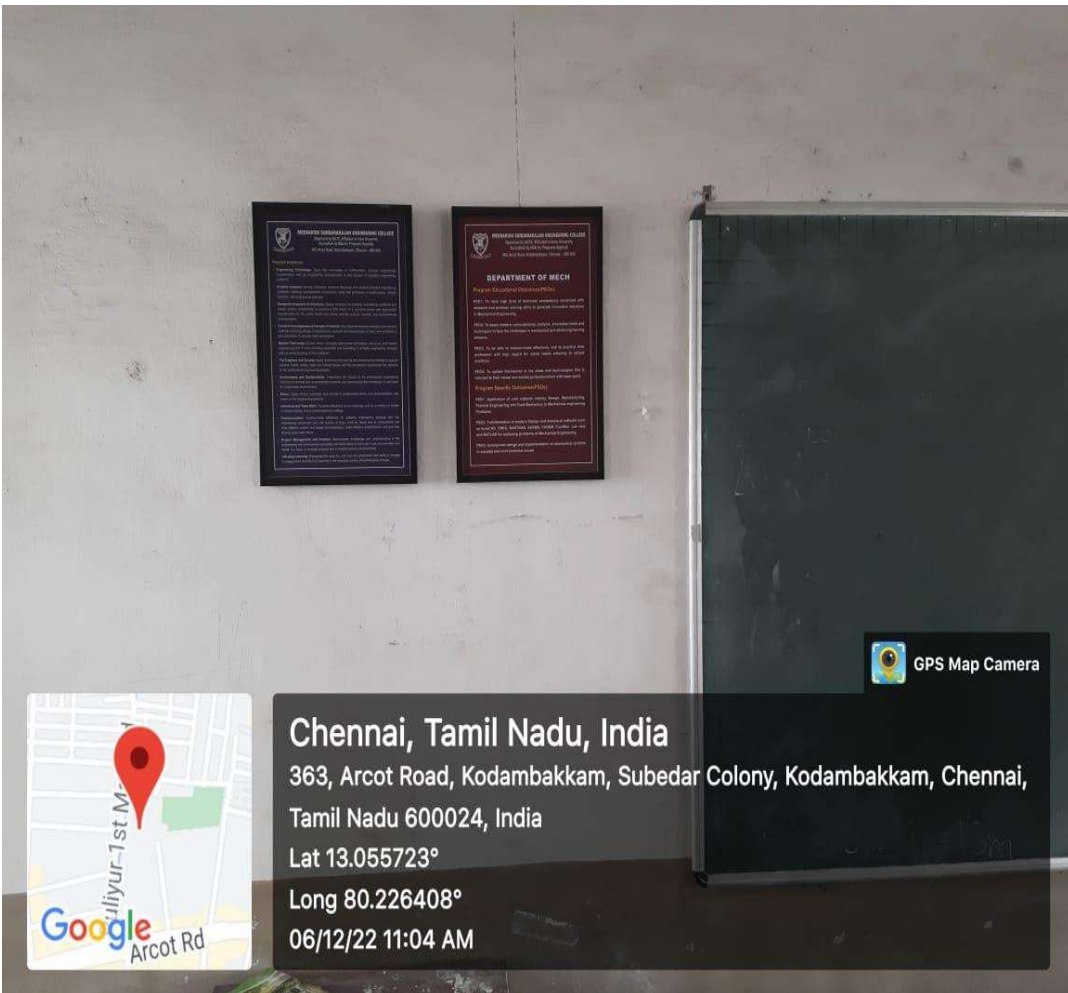
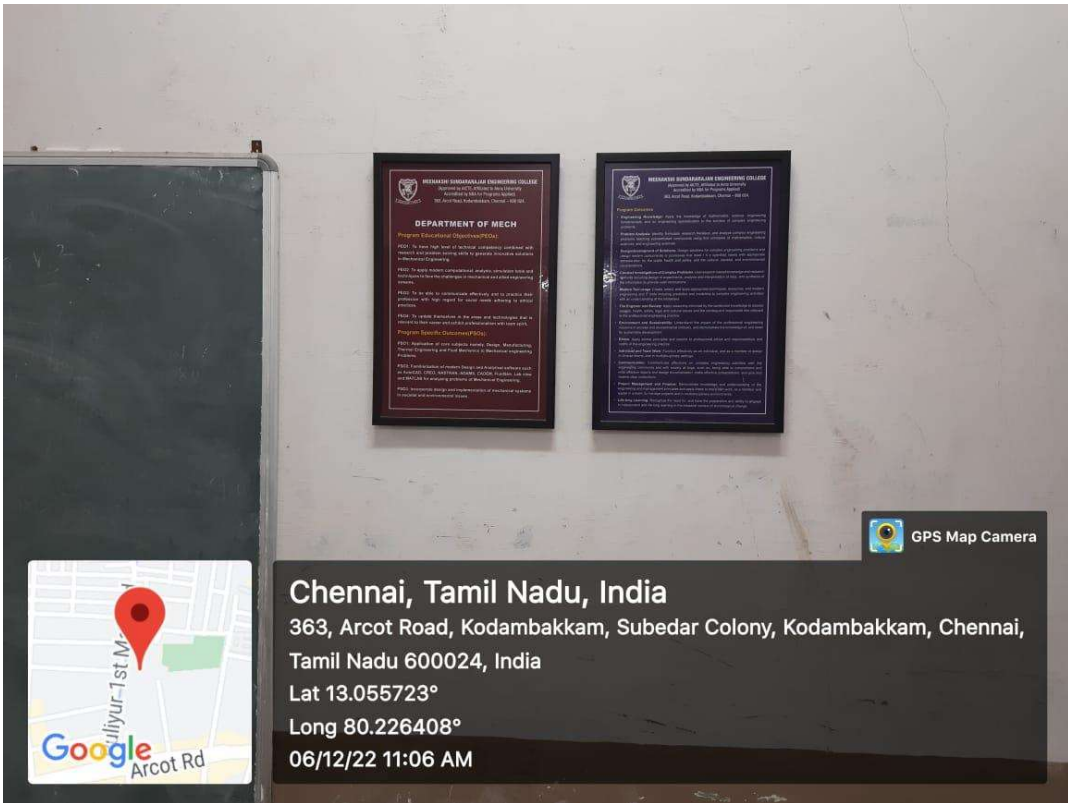
Chennai, Tamil Nadu, India

363, Arcot Road, Kodambakkam, Subedar Colony, Kodambakkam, Chennai,
Tamil Nadu 600024, India

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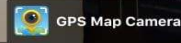


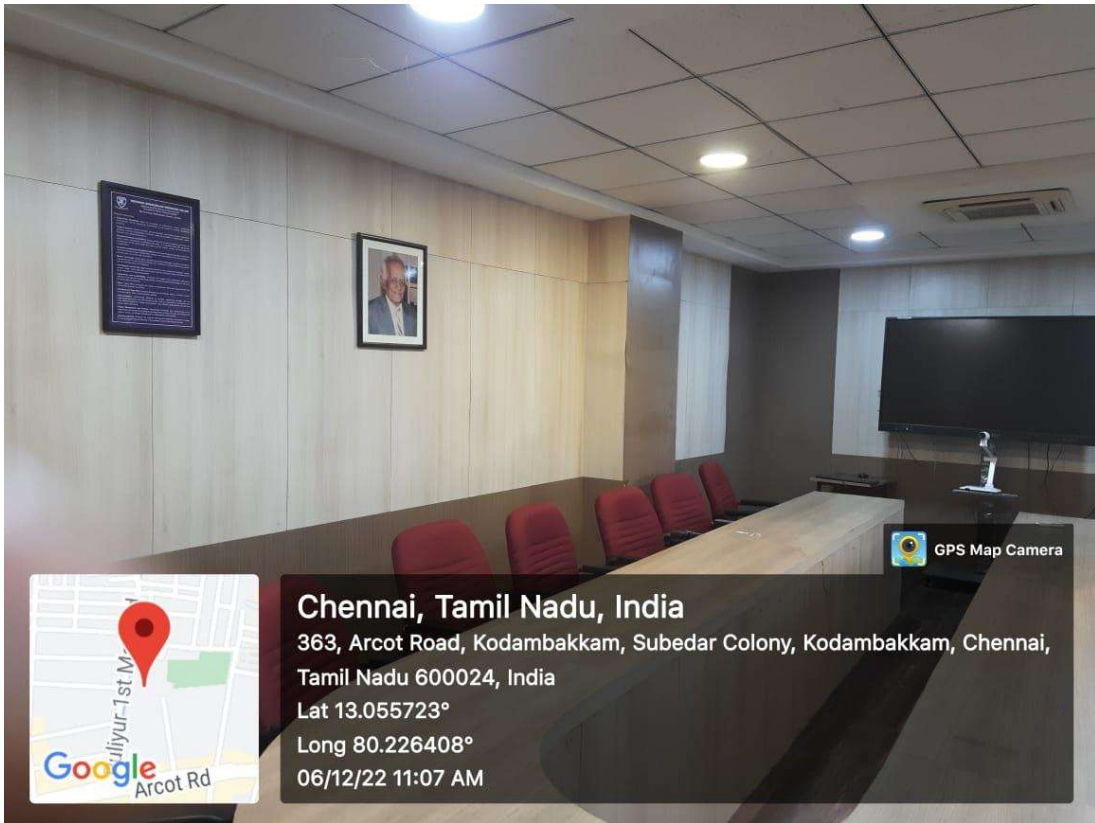


Chennai, Tamil Nadu, India
 363, Arcot Road, Kodambakkam, Subedar Colony, Kodambakkam, Chennai,
 Tamil Nadu 600024, India
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 363, Arcot Road, Kodambakkam, Subedar Colony, Kodambakkam, Chennai,
 Tamil Nadu 600024, India
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Chennai, Tamil Nadu, India

363, Arcot Road, Kodambakkam, Subedar Colony, Kodambakkam, Chennai,

Tamil Nadu 600024, India

Lat 13.055723°

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Chennai, Tamil Nadu, India

363, Arcot Road, Kodambakkam, Subedar Colony, Kodambakkam, Chennai,

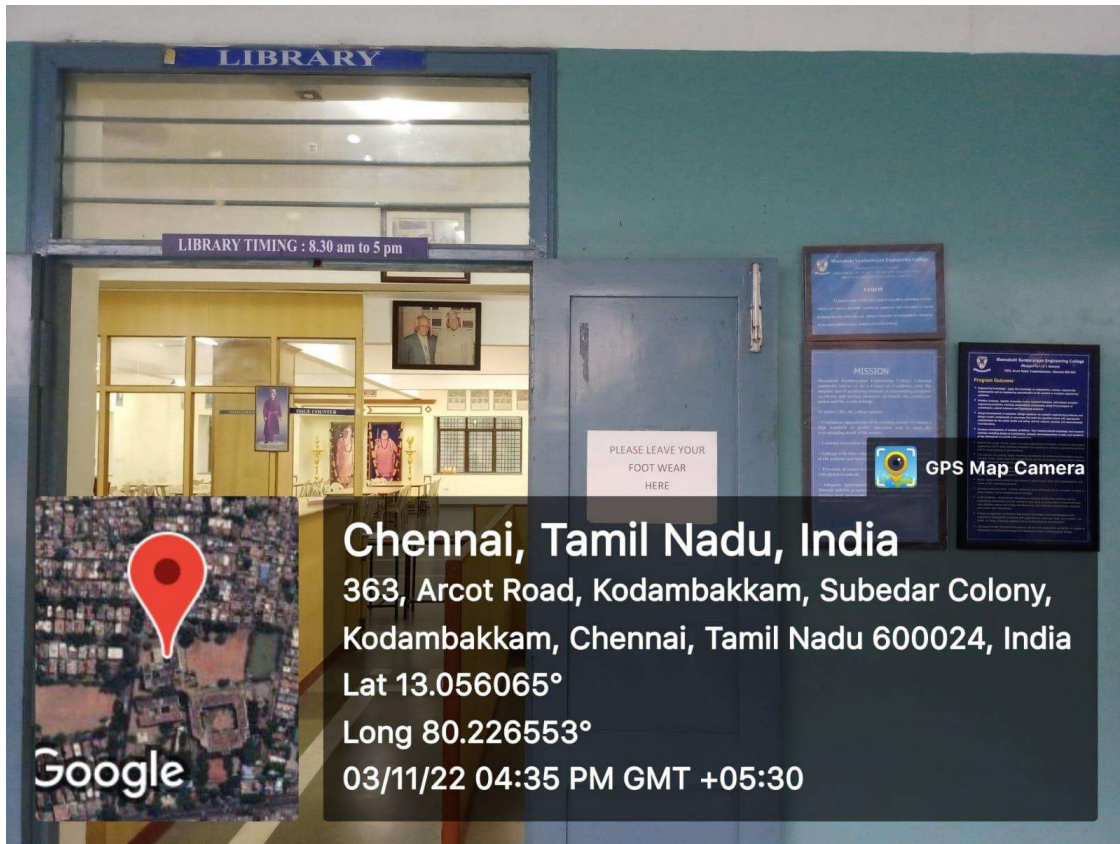
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LIBRARY



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