

Proceedings of the **International Conference on Recent Advancements in Management and Engineering Research**

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DHANALAKSHMI SRINIVASAN
College of Engineering and
Technology, Mamallapuram



VEI
Technologies,
Chennai

**22-23
March
2024**



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COLLEGE OF ENGINEERING AND
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and
VEI TECHNOLOGIES, CHENNAI



jointly host two-days

**International Conference on Recent Advancements
in Management and Engineering Research
(ICREAMER'24)**

22 March 2024 / Inauguration at 9.30 am



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UNIVERSITY OF TECHNOLOGY & APPLIED SCIENCES,
MUSCAT, SULTANATE OF OMAN

has consented to be the CHIEF GUEST and deliver
the KEY NOTE ADDRESS.

DR. C. PRIYA

PROFESSOR & DEPUTY DEAN
SIDDHARTH INSTITUTE OF ENGG & TECH (AUTONOMOUS)
ANDHRA PRADESH

has consented to be the GUEST OF HONOUR and
deliver the CONFERENCE THEME ADDRESS.



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Sri S. Suresh
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Dr. T. Manvel Raj
Principal, DSCET

Dr. B. Ezhilavan
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All are cordially invited.

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ICREAMER'24 Coordinator

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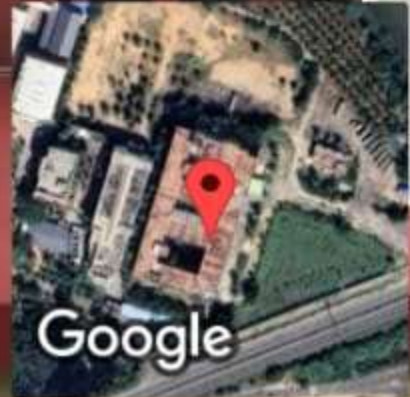


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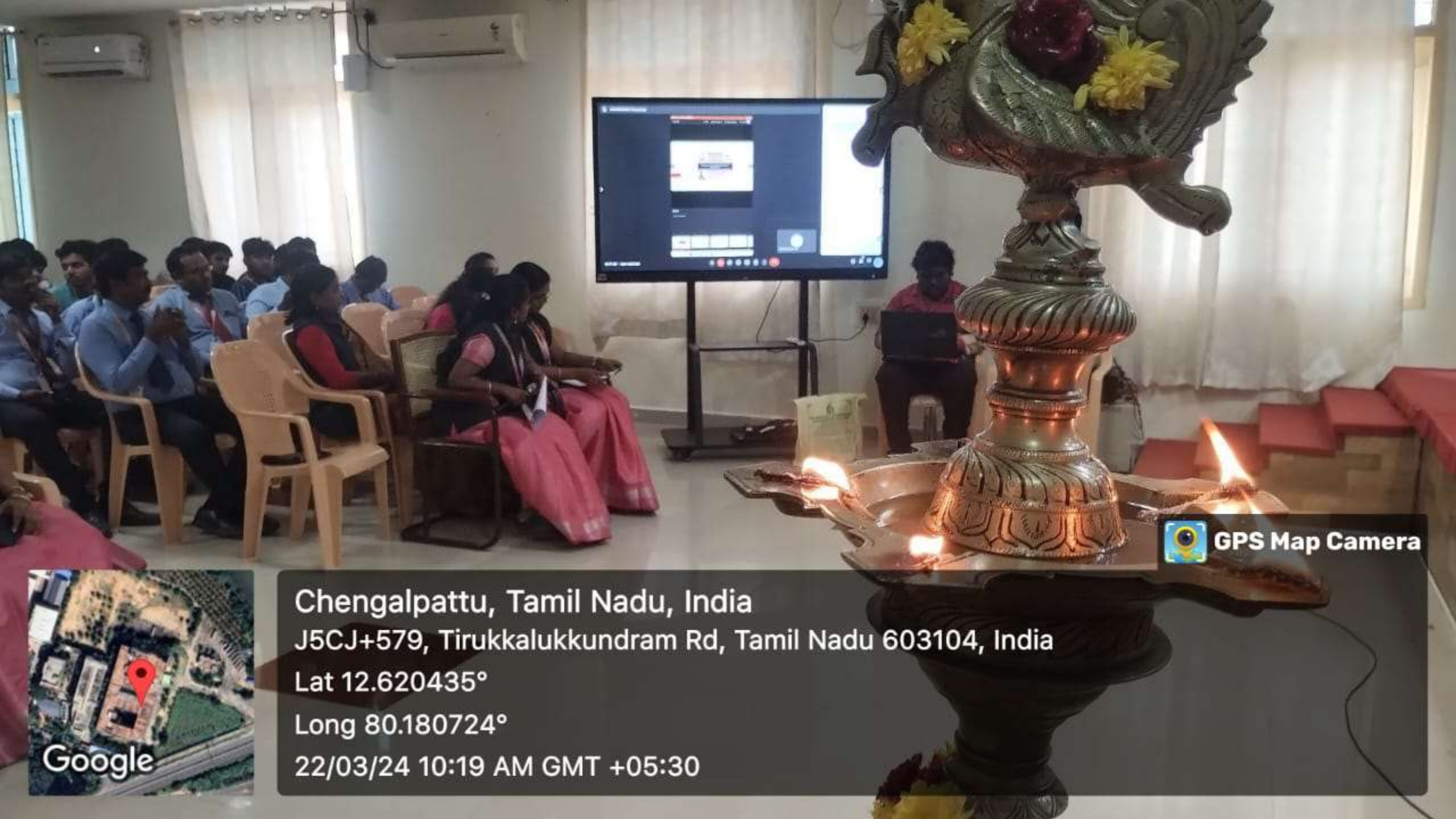
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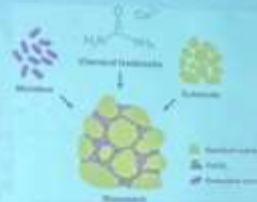
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Introduction

- Microbially Induced Calcium carbonate precipitation (MICP) refers to a natural biomineralization phenomenon wherein microorganisms facilitate the formation of calcium carbonate precipitation.
- MICP has been proposed as a potent solution to address many environmental and engineering issues.
- It is a biomineralization process where certain types of Bacteria, often referred to as "Calcifying Bacteria".
- This microbial - driven process holds great promise for sustainable and eco-friendly applications.



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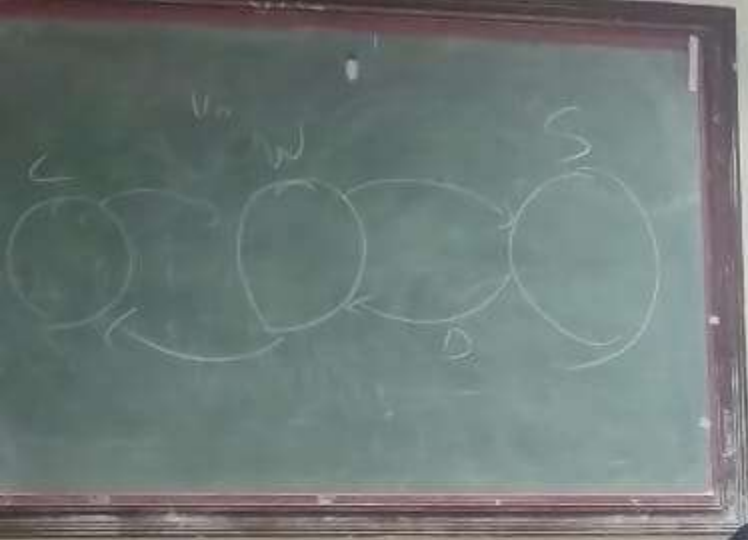


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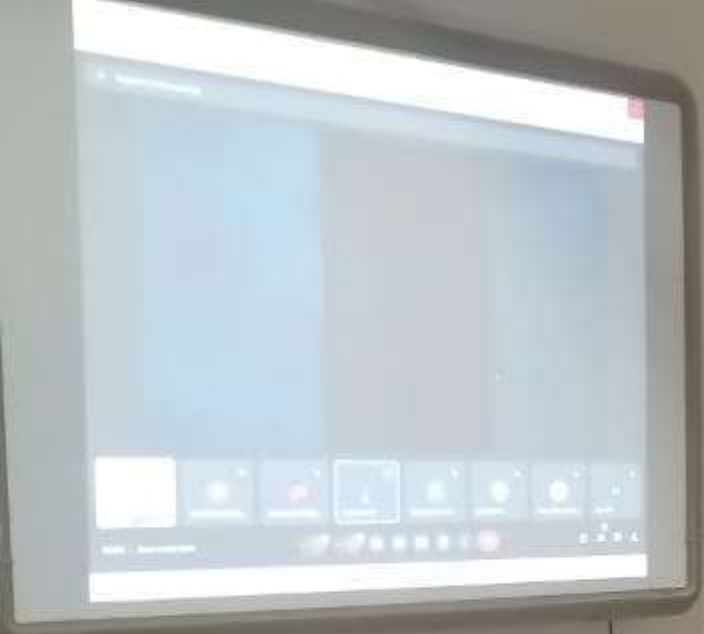
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ABSTRACT

Imagination is a breakthrough in creating artificial intelligence (AI) agents. Using advanced technology, it can be applied to various domains. Based on domain data, it can be used to generate new ideas that they were created by humans. Imagination is a key to create computer agents that generate, reasoning and imagination ideas. It can be used allowing user to enhance and play around with the creative process. This technology is helping how we can use and transform energy, bringing a new wave of intelligent art in the future. It can be used to create a space of observation and controls, making more powerful and creative.

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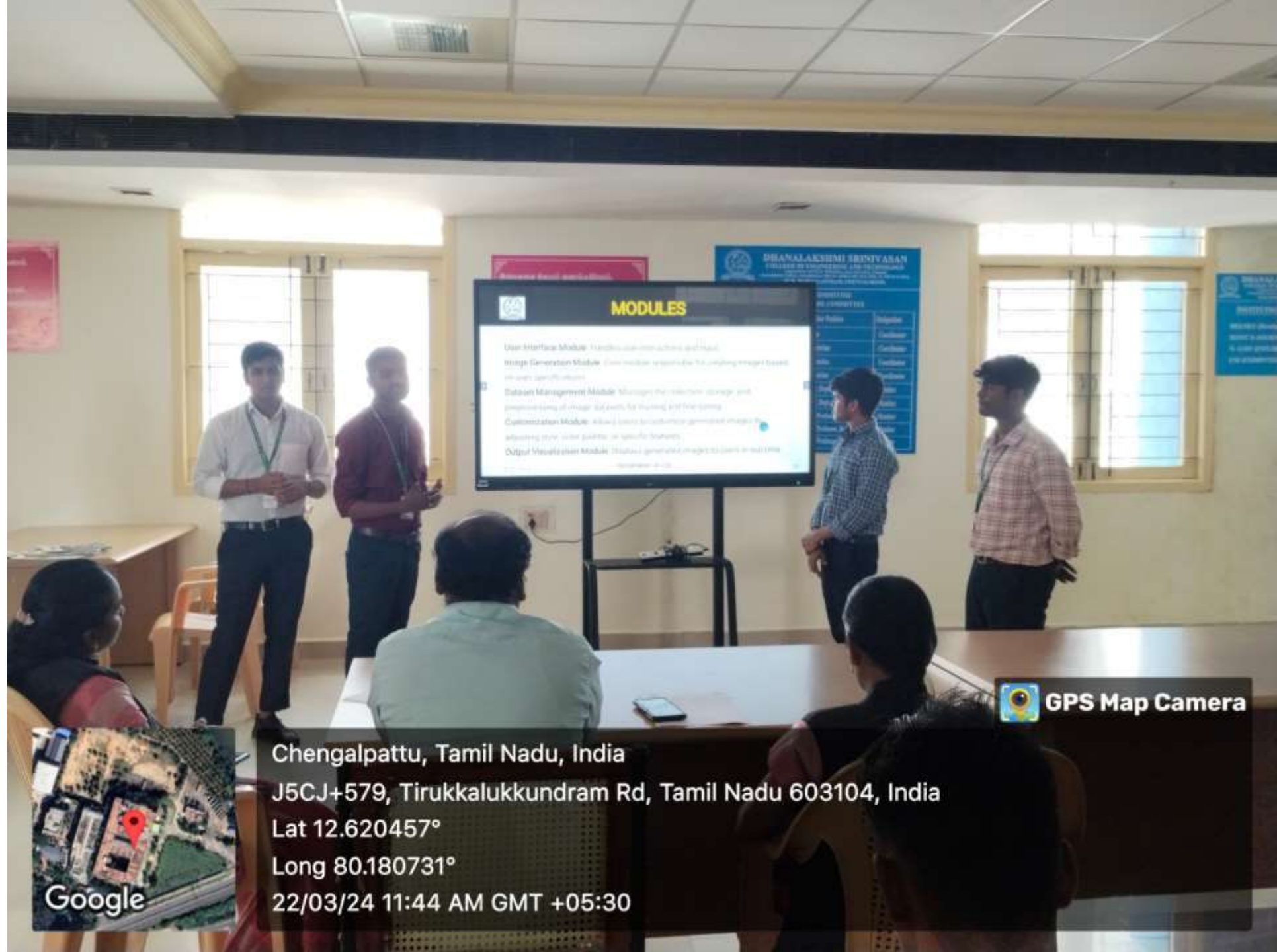
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Customization Module	Allows users to customize generated images by adjusting their color palette or specific features
Output Visualization Module	Displays generated images to users in real time



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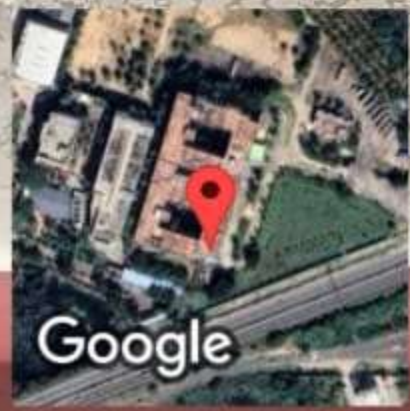


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