



PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

COMPUTER SCIENCE AND ENGINEERING

Date: 17/07/2025

CIRCULAR

All the students and staff are hereby informed that the event of Online Seminar on "Generative AI and its applications" organized by Pragsoft association with Carrier Development Program Cell will be conducted on 19-07-2025.

For registration and other details, the student may contact the Faculty Co-Ordinator Mr.S.K.Sankar (Mobile: 9063270672) and Student Moderators Palli Sai Ganesh (23A31A0515) and Pithani Amrutha (23A31A0592).

A.V. Maipulu
HOD-CSE

HOD-CSE
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PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)

COMPUTER SCIENCE AND ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Organises
An Online Guest lecture on



GENERATIVE AI AND IT'S APPLICATIONS



Dr. S. Sudheer Mangalampalli
(Associate Professor and Assistant Director Research)
MAHE BENGALURU

Date: 18th July, 2025
Time: 10:00 A.M. - 12:00 P.M.



Pragati Engineering College
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PRAGATI ENGINEERING COLLEGE

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COMPUTER SCIENCE AND ENGINEERING

SUMMARY:-

S.NO	BRANCH	COUNT
1	CSE	100



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COMPUTER SCIENCE AND ENGINEERING

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CONTENTS COVERED:-

1. Introduction to Generative AI

- Definition of Generative AI
- Difference between Generative and Discriminative AI
- Brief history and evolution
- Importance in modern AI development

2. Underlying Technologies

- Deep Learning Overview
- Key Models:
 - Generative Adversarial Networks (GANs)
 - Variational Auto encoders (VAEs)
 - Transformers (e.g., GPT, BERT, DALL·E)
- Training Methods and Data Requirements
- Prompt Engineering (for text/image generation)

3. Types of Generated Content

- Text
- Images
- Audio/Music
- Video
- Code
- Synthetic Data

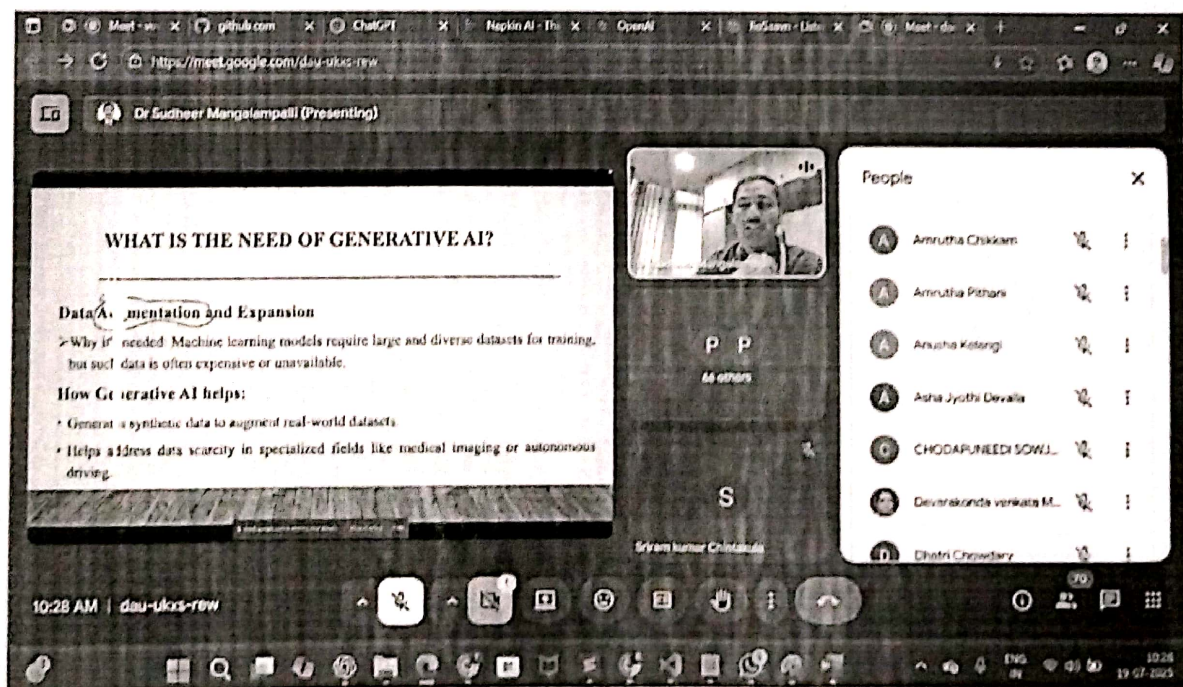
4. Applications by Industry

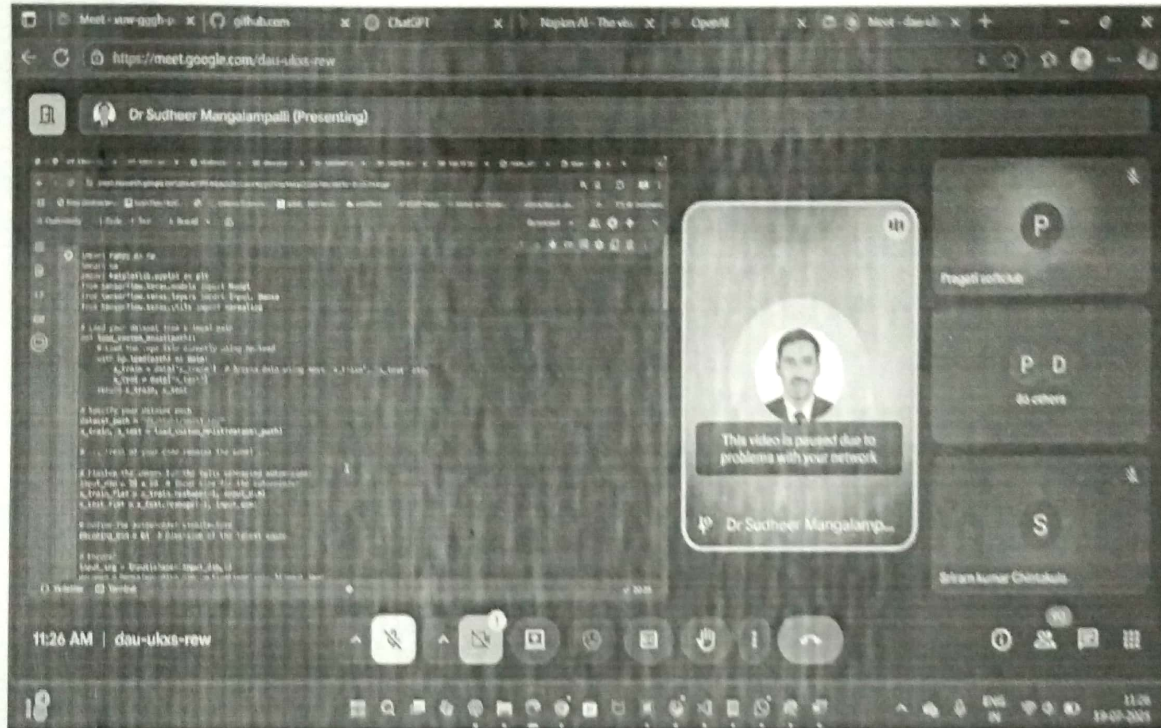
- Media & Entertainment
- Business & Marketing

5. Benefits and Opportunities

- Creativity augmentation
- Cost and time efficiency
- Access to new capabilities and personalization
- Enhanced productivity in various fields

Event Photos:







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Date: 19-07-2025

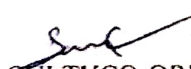
A REPORT ON ONLINE SEMINAR CONDUCTED BY PRAGSOFT

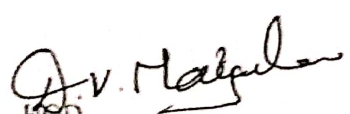
An online Seminar on “Generative AI and its applications” is organized by Pragsoft Team Members & As a resource person Dr. S.Sudheer Mangalampalli on 19th July 2025. A total of 100 number of students from B.Tech III Year of CSE have attended the seminar. The seminar began at 10:00 AM of 19th July 2025 and ended at 12:00 PM of 19th July 2025.

Dignitaries of the program were Dr. G Naresh sir, Principal, Pragati Engineering College and Dr.D.V.Manjula, HOD. Department of Computer Science and Engineering, PEC, enlightened the audience by participating Online Seminar on Software Testing in Current Era and its importance.

Principal Dr.G Naresh Sir, PEC, congratulated all the participants and the organizing team, Department of CSE Good luck.

Seminar link: <https://meet.google.com/dau-ukxs-rew>


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