



Learn Beyond

**KPR Institute of
Engineering and
Technology**

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

Phone: 0422-2635600**Web:** kpriet.ac.in**Social:** kpriet.ac.in/social**CS002****NBA Accredited**
(CSE, ECE, EEE,
MECH, CIVIL)**GENERATIVE AI**

Event No	CS002
Organizing Department	Computer Science and Engineering
Date	13/04/2024
Time	09:30 AM to 03:30 PM
Event Type	One Credit Course (OCC)
Event Level	Dept. Level
Venue	III CSE A Class Room
Meeting Medium	
Meeting Link	https://meet.google.com/nvu-gktp-xkd
Total Participants	63
Industry Personnel	1
Faculty - Internal	2
Students - Internal	60

Related SDG**Resource Persons**

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Abhinand Balachandran	Senior AI Engineer	EXL Service , Chennai	abhinandb.ml@gmail.com	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Devi Priya R	Convenor
2	Rajasekaran T	Coordinator
3	Sathya S	Coordinator

Outcome

This OCC provides students with a combination of theoretical knowledge, practical skills, critical thinking abilities and awareness of ethical considerations, all of which can be valuable for their academic and professional development. Students gain a solid understanding of various generative models. They learn about the principles behind these models, their architectures, training procedures, and applications.

Event Summary

The Department of Computer Science and Engineering planned to conduct a **One-Credit Course, 'Generative AI,'** scheduled on **13.04.2024 (Online Event)** for the students of **third year Computer Science and Engineering.(Total : 60)** We are fortunate to have **Mr. Abhinand Balachandran, Senior AI Engineer of EXL Service, Chennai**, who conducted the session to bring in the advancements in AI and its real-time insights. The course aimed to provide students with a comprehensive understanding of generative models and their applications across various domains. The course covered theoretical concepts, practical implementations and ethical considerations related to Generative AI. The students explored the diverse applications of Generative AI in fields such as art, music, natural language processing and computer vision. Online Lecture sessions were conducted in III CSE A - Classroom through Google Meet supplemented with multimedia presentation. The course received positive feedback from students, who appreciated the comprehensive coverage of topics, the clarity of explanations and the relevance of practical exercises. By the end of the course, students demonstrated proficiency in designing, implementing and evaluating generative models for various applications.



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Department of Computer Science and Engineering
Accredited by NBA | Permanently Affiliated to Anna University - Chennai

One Credit Course
GENERATIVE AI
ONLINE EVENT

Resource Person
Mr. Abhinand Balachandran
Senior AI Engineer
EXL Service, Chennai.

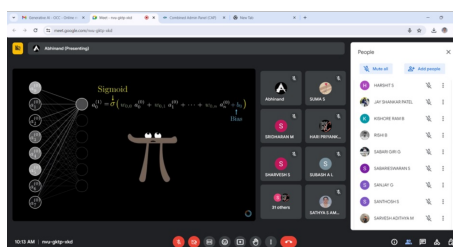
DATE
13 Apr, 2024

TIME
09:00 AM - 04:15 PM

VENUE
III Yrs - CSE A

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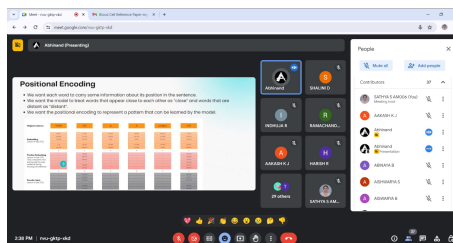
Advanced Presentation

Sigmoid

$$\sigma(x) = \frac{1}{1 + e^{-x}}$$

10:13 AM | mee-grip-oid

[Click to View](#)



Advanced Presentation

Positional Encoding

The model does not have any prior information about its position in the sequence.

The words that appear close to each other in "linear" and words that are far apart in "linear" are not related to the model.

1:38 PM | mee-grip-oid

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*** END ***