	Faculty Development Program	
TLCE — Teaching Learning Center of Excellence, VIT, VELLORE — உழைப்பே உயர்வு தரும்		VIT® Vellore Institute of Technology (Deemed to be University under section 3 of UGC Act, 1956)

Title : Generative AI : Concepts and Research Perspectives

Date : 2024-08-26 - 2024-08-30
Time : 10:00 - 17:30
Venue : SJT G07

Discussion Points

- Generative AI Concepts and its application in education
- Virtual AI and Virtual Chatbot
- AI powered virtual conversational agents specifically focusing on Open AI
- Generative AI for Image Generation
- LLM and Pre-trained LLM Models

	Resource Person 1 - Details **Name :** Dr M Venkatesan **Designation :** Assistant Professor, Department of Computer Science and Engineering **University/ Company :** NIT Karaikal, Puducherry **Address :** india, 609609.
	Resource Person 2 - Details **Name :** Dr Kumaran P **Designation :** Assistant Professor, Department of Computer Science and Engineering **University/ Company :** NIT Karaikal, Puducherry **Address :** india, 609609.
	Resource Person 3 - Details **Name :** Mr Jai Ganesh **Designation :** Data Science Architect , Ericsson **University/ Company :** Ericsson , Chennai **Address :** india, 600076.
	Resource Person 4 - Details **Name :** Mr Deepan Raj **Designation :** Lead Data Scientist, HCL Technologies **University/ Company :** HCL Technologies, Chennai **Address :** india, 600078.
	Resource Person 5 - Details **Name :** Ganesan K **Designation :** Professor Higher Academic Grade, School of Computer Science Engineering and Information Systems **University/ Company :** VIT, Vellore **Address :** India, 632014.
	Resource Person 6 - Details **Name :** Kathiravan S **Designation :** Professor Grade 1, School of Computer Science and Engineering **University/ Company :** VIT, Vellore **Address :** India, 632014.
	Resource Person 7 - Details **Name :** Ajit Kumar Santra **Designation :** Senior Professor, School of Computer Science Engineering and Information Systems **University/ Company :** VIT, Vellore **Address :** India, 632014.
	Resource Person 8 - Details **Name :** Debi Prasanna Acharjya **Designation :** Professor Higher Academic Grade, School of Computer Science and Engineering **University/ Company :** VIT, Vellore **Address :** India, 632014.

	Resource Person 8 - Details **Name :** Debi Prasanna Acharjya **Designation :** Professor Higher Academic Grade, School of Computer Science and Engineering **University/ Company :** VIT, Vellore **Address :** India, 632014.
	Resource Person 9 - Details **Name :** Dr V Sathiesh Kumar **Designation :** Assistant Professor Senior Grade, Department of Electronics Engineering **University/ Company :** MIT Campus Anna University, Chennai **Address :** india, 6000012.

Resource Person's Profile :

1. Profile of Dr M Venkatesan

Assistant Professor at National Institute of Technology Puducherry, Karaikal. Head of The Department of Computer Science and Engineering. Ph.D. in Computer Science and Engineering from VIT University. Research interests include AI, Machine Learning, Data Science, and Generative AI
- Has published papers and has funded projects in his name

2. Profile of Dr Kumaran P

Dedicated and accomplished teaching professionals with outstanding communication skills demonstrated by more than 10 years of teaching and research experience with a strong ability to make a positive change to the working environment. B.E CSE University 2nd Rank and Gold Medalist M.E. Network Engineering University 1st Rank and Gold Medalist

3. Profile of Mr Jai Ganesh

Jai Ganesh completed his Master of Engineering in 2014 and currently working as a Data Science Architect at Ericsson in AI Research and Development having 9 years of experience in the training domain as a freelance associated with many MNCs and Education Institutes.

4. Profile of Mr Deepan Raj

Deepan Raj completed his Master degree in 2014 and currently working as a Technical Lead at HCL Technologies. He had 9 years of training experience in AI and Robotics. He was involved in developing solutions and leading the team for various products, including anomaly detection, object detection for mobile apps, and automation of the OCR process. He has conducted more than 700 workshops in multiple forums.

5. Profile of Ganesan K

Ganesan Kaliyaperumal is working as Professor Higher Academic Grade in School of Computer Science Engineering and Information Systems. He has more than 25 years of experience in VIT. He is chairperson for VITBS. He is the Member program committee Second International Business Process Outsourcing and Modeling Conference Mauritius University of Technology, 2006, International Conference on Signal and Image Processing, Hubli, India, 2006

6. Profile of Kathiravan S

KATHIRAVAN SRINIVASAN (SMIEEE) is an Associate Professor Senior in the School of Computer Science and Engineering at Vellore Institute of Technology (VIT), Vellore, India. He was previously working as a Faculty in the Department of Computer Science and Information Engineering and as the Deputy Director of the Office of International Affairs at National Ilan University, Taiwan. He received his Ph.D. in Information and Communication Engineering, M.E. in Communication Systems Engineering.

7. Profile of Ajit Kumar Santra

Experienced Senior Professor with a demonstrated history of working in the education management industry. Skilled in Lecturing, Science, Statistics, Research, and General Administration. Strong education professional with a Doctor of Philosophy (Ph.D.) focused in Operations Research with Computer Application from Indian Institute of Technology, Kharagpur. Having 20 years of industrial research experience in the steel sector of India and 22 years of teaching and research experience.

8. Profile of Debi Prasanna Acharjya

D P Acharjya received his PhD in computer science from Berhampur University, India. At present, he is working as a Professor in the School of Computer Science and Engineering, VIT University, Vellore, India. He has authored more than 100 international and national journal papers, book chapters and four books

9. Profile of Dr V Sathiesh Kumar

Dr V Sathiesh Kumar is working as an Assistant Professor (Senior Grade) in the Department of Electronics Engineering MIT Campus Anna University Chennai, Tamilnadu, India since 2014. He is also acting as a Deputy Director Planning and Development Anna University. He has about 11 years of teaching experience in Anna University and Anna University affiliated Engineering Colleges. He received his Doctor of Philosophy from Department of Engineering Design Indian Institute of Technology Madras

Generative AI refers to a type of artificial intelligence that can generate new, original content, such as images, videos, music, text, and more. This is in contrast to other types of AI that focus on recognizing and classifying existing patterns. Generative AI models use complex algorithms to learn patterns within the data they are trained on and then generate new data that resembles the original.

Google Colab

Coordinator's: **Prof. ANITHA A 11441 - Professor Grade 1 - SCORE**
              Prof. AGILANDEESWARI L 12426 - Professor Grade 1 - SCORE