



**Department of Mechanical Engineering and
Department of Artificial Intelligence & Data Science**
in association with
IQAC and Staff Development Center, Nitte DU
is organizing

Two Days Workshop on

**Generative AI in Teaching, Learning and Research
– Challenges Ahead**

Date: 15th and 16th February 2024

Venue: Phalguni Seminar Hall

Organised by:



NITTE
(Deemed to be University)

**NMAM INSTITUTE
OF TECHNOLOGY**

Off Campus Centre of Nitte (DU)

Nitte, Karkala Taluk, Udupi District, Karnataka 574110

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About the Institute

Nitte Mahalinga Adyanthaya Memorial Institute of Technology (NMAMIT), Nitte established in 1986 and approved by the All India Council for Technical Education, New Delhi, is a constituent college of Nitte (Deemed to be University), Mangaluru. Nitte (DU) has been accredited with 'A+' Grade by NAAC; awarded Category 'A' status by MHRD GoI; ranked 65th in NIRF 2023 and is in the 451-500 band in the QS Asia University Rankings 2023 and 301-400 band in the Times Higher Education (THE) Impact Rankings 2023.

NMAMIT is ranked in the rank band 101-150 during National Institutional Ranking Framework (NIRF) 2023 by MoE, GoI among the engineering colleges in India. The eligible undergraduate programs are accredited by the National Board of Accreditation (NBA), New Delhi under TIER-I category. NMAMIT has active collaborations with several international universities and organizations for faculty and student exchanges, research, internships and placements.

The sanctioned annual intake of students is 1380 for BTech and 319 for PG programs of MTech and MCA. NMAMIT has over 5000 students studying in the campus.

NMAMIT is located in a vibrant, serene and green campus at Nitte spread over 140 acres and is nestled in the Western Ghats of Southern India on the way to the Kudremukh ranges. The nearest airport is Mangaluru International Airport (45 km). The nearest railway stations are Udupi (40 km) and Mangaluru (50 km). Nitte is 19 km from NH-66 connecting Kochi (Kerala) and Panvel (Mumbai) and 7 km on NH-169 connecting Mangaluru and Solapur (Maharashtra).

Preamble:

Generative AI has touched all walks of life and education is no exception. Generative AI refers to a class of AI algorithms and models designed to generate new content, often in the form of images, text, audio, or other data types. These systems are capable of producing novel and realistic outputs by learning patterns and structures from large datasets during training. ChatGPT is a revolutionary application of Generative AI developed by Open AI, which has taken the whole world by surprise in 2022. It has percolated to all fields including education. It can be used in teaching, learning, research and service, which are the essential components of higher education, including technical education. It has a lot of applications in all these components. But there are lots of issues which need to be managed. The issues mainly pertaining to the core area of ethics. Teachers and students have dilemmas in using this. It has several advantages as well as disadvantages, which is evident from several studies and articles available in this domain. The use of Generative AI in education is here to stay. It can be made less frightening and useful to both teachers and students, if they are made aware of its use, benefits and pitfalls. Tools like ChatGPT, which are based on Large Language Models (LLM) are going to become more sophisticated. In these circumstances of its inevitability, there is a need to create awareness about the same among the teaching faculty. This workshop aims to achieve the same. Experts from industries and academia will provide insight into some of the topics related to this domain.

Key Themes:

- Introduction to Generative AI and its applications in Academics and Research
- Building custom GPT app with Langchain
- Rapid implementation of Generative AI
- Use of ChatGPT effectively in teaching, learning and research
- Implications of use of Generative AI in teaching, learning and research

Participants

Faculty from higher education institutions in any specialization.

Schedule

Session	Timing	Resource Person
Day-1		
	9.30 to 10.15 AM	Inaugural function
1	10:15 to 11:15 AM	Dr. Ketan Kotecha, Director, SIT, Pune
2	11:30 to 12.30 PM	Dr. S. Suresh Kumar, Consultant, Bengaluru
3	1:30 to 2:45 PM	Dr. S. Suresh Kumar, Consultant, Bengaluru
4	3:00 to 4:15 PM	Dr. Aravinda C V, Dept. of CSE, NMAMIT, Nitte
Day-2		
5	9:15 to 10:30 AM	Dr. Srinivasa Pai P, Dept. of Mech, NMAMIT, Nitte
6	10:45 to 11:45 AM	Dr. Venugopala P.S., Dept. of AI & DS, NMAMIT, Nitte
7	11:45 to 12:45 PM	Dr. Narendra K.C, Dept. of E & C and Mr. Prajwal Hegde, Dept. of AI & DS, NMAMIT, Nitte
8	1:45 to 3:15 PM	Dr. Narendra K.C, Dept. of E & C and Mr. Prajwal Hegde, Dept. of AI & DS, NMAMIT, Nitte
	3.30 to 3.45 PM	Feedback and Evaluation session
	3.45 to 4.15 PM	Valedictory function

Registration:

- Maximum number of attendees: 50 (first come, first serve basis).
- For Online registration, use the link or scan the QR code.

<https://forms.gle/WVsAmvhJGiPHQgTP9>

- Please fill the above Google form/ scan the QR code with the requested details and upload the scanned copy of Registration form on or before **23rd January 2024**.
- Certificates will be provided to the participants.

Registration fee: Rs. 300 /-

Account Details:

Account Name: Nitte Deemed to be University

Account No.: 110047322915

Bank: Canara Bank

Branch: Nitte

IFSC: CNRB0010115

MICR: 576015041

**Important Dates:**

Last date for registration: 23 January 2024

Workshop Date: 15 & 16 February 2024

Patron**Sri N. Vinaya Hegde**

President, Nitte Education Trust & Chancellor, Nitte (Deemed to be University)

Advisory committee**Prof. (Dr.) M. Shantharam Shetty**

Pro-Chancellor, Nitte DU, Mangalore

Sri. Vishal Hegde

Pro-Chancellor (Admin), Nitte DU, Mangalore

Dr. M S Moodithaya

Vice Chancellor, Nitte DU, Mangalore

Prof (Dr.) Gopal Mugeraya

Vice President (Technical Education). Nitte DU

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Vice Principal & Dean (Academics), NMAMIT, Nitte

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Deputy CoE, Off campus Centre, Nitte DU

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Deputy Registrar, Off campus Centre, Nitte DU

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Director, IIC, NMAMIT, Nitte

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Dean (R&D), NMAMIT, Nitte

Dr. K. Rajesh Shetty

Dean (Admissions), NMAMIT, Nitte

Dr. Narasimha Bailkeri

Dean (Student Welfare), NMAMIT, Nitte

Organizing Committee:

Dr. Srinivasa Pai P, Prof. & Head, Dept. of Mechanical Engg.

Dr. Venugopala P S, Prof. & Head, Dept. of AI & DS

Dr. Vidya S. M., Professor, Dept. of Biotech, IQAC Coordinator

Mr. Srinivas Prabhu, Asst. Prof., Dept. of Mechanical Engg.

Mr. Manjunath Maiya, Asst. Prof., Dept. of Mechanical Engg.

Mr. Prajwal Hegde, Asst. Prof., Dept. of AI & DS

Ms. Ankitha Shetty, Asst. Professor, Dept. of AI & DS

Mr. Vikas Marakini, PhD student, Dept. of Mechanical Engg.

Contact Details

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