SPEAKERS

Mr Dinesh Paranthagan
Founder and CEO
Hackup Technology Pvt. Ltd.,
Coimbatore - 641035

Mr Guganathan G
Senior Software Developer
Wipro Pvt.Ltd,
Chennai

Mr Santhosh NC
Senior DevOps Engineer
Terrascope Pte. Ltd.,
Singapore

Er Vijay M,CEO,
Human Intelligence Solution ,
Bengluru.

ADVISORY COMMITTEE

Dr C Palanisamy,
Principal
Dr K Sivakumar,
Dean Administration
Dr A Amar Karthik,
Dean Academics & R&D

CONVENER

Dr D Sasikala
Professor & Head /CSE

ORGANIZING SECRETARIES

Dr SN SANGEETHAA
Professor / CSE
Dr P Parthasarathi
Associate Professor / CSE

TOPICS

- Generative AI: Concepts and Applications
- Foundation and Large Language Models for Engineering Research
- Prompt Engineering and Knowledge Automation (Hands-on)
- Multimodal Gen AI: Text, Image, Audio, and Video Integration
- Transformer Architectures and Modern AI Systems
- RAG Pipelines and Research Automation using Gen AI Tools (Hands-on)
- Explainable, Ethical, and Responsible AI Practices
- Gen AI Applications in Engineering and Research Innovation

REGISTRATION LINK

https://forms.gle/a8KG2KnhnCL6RfMz6

TIMING : 6PM TO 8PM

Last Date for Registration: 15.01.2026

Address for Communication

Dr. S.N.Sangeethaa
Dr.P.Parthasarathi
Organizing Secretaries
Department of Computer Science and Engineering
Bannari Amman Institute of Technology
Sathyamangalam, erode Dt, Tamil Nadu 639401
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Faculty Development program on

Gen AI Trends and Technologies for Next-Generation Engineering and Research Applications

Virtual Mode

19th - 23th JAN 2026

Organized By

BANNARI AMMAN
INSTITUTE OF TECHNOLOGY
Stay Ahead

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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BANNARI AMMAN
INSTITUTE OF TECHNOLOGY
An Autonomous Institution Accredited by NAAC with 'A+' Grade

ABOUT THE INSTITUTE

The Bannari Amman Institute of Technology (BIT) is the fruit of decided efforts put up by the Bannari Amman Group, a leading corporate house under the dynamic chairmanship of a great visionary Thiru. S. V. Balasubramaniam in South India to establish a center of excellence in Engineering & Technology. It is an impressive campus, situated in a serene surrounding at the foothills of Nilgiris Mountains. The institute is affiliated to Anna University, Chennai and approved by AICTE, New Delhi. The Institute offers 10 Undergraduate and 3 Postgraduate Programmers in Engineering, Technology. Most of the courses are accredited by the National Board of Accreditation (NBA), AICTE and NAAC A+

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering is a unique centre of BIT established in 1996. It offers a 4-year B.E. (Computer Science and Engineering) Programme and a 2-year M.E. (Computer Science and Engineering) Programme. The B.E. Computer Science and Engineering Programme has been accredited by NBA, New Delhi for 6 years and IET, United Kingdom for 3 years. The department has been recognized as a Research centre for carrying out PhD (By Research) Programme under Anna University, Chennai. It has dedicated and specialized faculty members in different areas of Computer Science and Engineering with rich experience in academics, industry and research.

The strong industry-oriented curriculum of the department equips the students with profound knowledge and special experimental skills to make a successful career. The department has been involved in several projects sponsored by DST, DRDO, DBT, AICTE, TNSCST etc.

ABOUT THE FDP

The Faculty Development Programme titled “Gen AI Trends and Technologies for Next-Generation Engineering and Research Applications” offers a comprehensive exploration of modern Generative AI systems and their growing role in engineering education and research. This FDP introduces participants to the foundations of Gen AI, large language models, multimodal intelligence, prompt engineering, and advanced AI tools that are reshaping academic and industrial innovation. The sessions cover key trends such as transformer architectures, explainable AI, ethical AI practices, and domain-specific engineering applications. Faculty members and researchers will gain hands-on exposure to Gen AI platforms, datasets, and development frameworks that support impactful teaching, high-quality research, and project guidance. By the end of the programme, participants will be equipped to integrate Gen AI into curriculum design, laboratory activities, research problem formulation, and scholarly publications. This FDP aims to strengthen academic readiness for the rapidly evolving landscape of AI-driven engineering and research excellence.

Who are all to attend?

This FDP is open to engineering faculty members, research scholars, postgraduate students, and industry professionals interested in exploring Generative AI technologies. Participants from Computer Science, Information Technology, Electronics, Electrical, Mechanical, Civil, and related disciplines will benefit from the programme. Individuals working on AI-based research, projects, or curriculum development are especially encouraged to attend.

OBJECTIVE

- To provide faculty and researchers with both foundational and advanced knowledge of Gen AI trends, tools, and modern technologies.
- To enable participants to understand and apply Gen AI techniques in engineering education, academic research, and innovation-driven activities.
- To build hands-on skills in using Gen AI models, multimodal systems, and practical AI workflows for solving real-world engineering problems.
- To promote responsible and ethical use of Gen AI in research by integrating best practices, safety measures, and transparency-focused AI methods.

OUTCOME

- Develop a solid understanding of Gen AI fundamentals, trends, and modern architectures relevant to engineering and research domains.
- Gain hands-on experience with Gen AI tools, multimodal models, and advanced AI workflows used in real-world applications.
- Enhance the ability to integrate Gen AI techniques into teaching, project guidance, and curriculum development.
- Strengthen research capabilities by applying Gen AI for problem formulation, data analysis, model building, and scholarly publishing.

Last Date for Registration: 15.01.2026

Registration Fee : Rs.250

HOW TO REACH?

Sathyamangalam is well connected by road from all major cities like Erode, Coimbatore, Mysore, Bangalore, Chennai, Kochi etc., The nearest railway stations are Erode (65 Km) and Coimbatore (70 Km)