

## CHIEF PATRON

**Sri. L. Arun Kumar**

Hon. Chairman, ATMECE, Mysuru

## PATRONS

**Sri. K. Shivashankar Sri. R. Veeresh**

Hon. Secretary,  
ATMECE, Mysuru

Hon. Treasurer,  
ATMECE, Mysuru

## PRINCIPAL

**Dr. L Basavaraj**

ATMECE, Mysuru

## ADVISORY COMMITTEE

**Dr. Bhagyashree S R**

Dean Research,  
ATMECE, Mysuru

**Dr. Srinivasa K**

Dean Student Affairs,  
ATMECE, Mysuru

## CONVENOR

**Dr. Anitha D B**

Associate Professor and Head, CSE- Data Science,  
ATMECE, Mysuru

## CO – CONVENORS

**Dr. Vinod Kumar P**

Associate Professor,  
Dept. of CSE-Data Science

**Prof. Ambika V**

Assistant Professor,  
Dept. of CSE-Data Science

## COORDINATORS

**Dr. Neethi M V**

Assistant Professor,  
Dept. of CSE-Data Science

**Prof. Madhu Nagaraj**

Assistant Professor,  
Dept. of CSE-Data Science

## ORGANIZING COMMITTEE

Faculty Members and Staff of Department of  
CSE-Data Science.

## FOR MORE DETAILS CONTACT

**Dr. Vinod Kumar P**

Associate Professor, Dept. of CSE-Data Science,  
ATMECE, Mysuru

Mobile Number : 9538006039

**Mr. Babuprasad B**

Instructor, Dept. of CSE-Data Science, ATMECE, Mysuru

Mobile Number : 9599443217

**Mr. Naveen S**

Programmer, Dept. of CSE-Data Science, ATMECE, Mysuru

Mobile Number : 9538219648

## Registration Link

Click here: <https://forms.gle/bsqDvL4XEdPguDzb7>



SCAN  
FOR  
REGISTRATION

Registration Fee : Rs. 500/-

Account Number : 99999912121217

Account Name : ATME COLLEGE OF  
ENGINEERING CS DEPT

Bank Name : HDFC

IFSC Code : HDFC0000065



SCAN  
FOR  
PAYMENT



ATME<sup>®</sup>  
College of Engineering



## THREE DAYS STATE LEVEL FDP ON UNLOCKING GENERATIVE AI

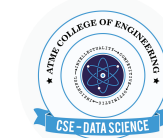
Foundation to NLP and Prompt Engineering (with  
Hands on demo on par with VTU Syllabus for 6th  
Semester subject Generative AI- BAIL57C)

in association with



Organized by

Department of CSE-Data Science



10<sup>th</sup> to 12<sup>th</sup> February 2025

VENUE : ATME COLLEGE OF ENGINEERING, MYSURU

13<sup>th</sup> KM, Mysuru - Kanakapura Road Mysuru - 570028  
Phone: +91-821-2593335 | Fax: +91-821-2593328 | Website: <https://atme.edu.in/>

## ABOUT ATMECE

ATME College of Engineering Mysuru, established in 2010, is recognized by AICTE New Delhi and affiliated with Visvesvaraya Technological University, Belagavi, Karnataka. The college offers 10 undergraduate programs and 2 postgraduate programs. ATMECE has obtained re-accreditation. The UG program is accredited for Civil Engineering, Computer Science, Electronics & Communication, Electrical & Electronics, and Mechanical Engineering Courses from the NBA for 3 years. The college has achieved ISO 9001-2015 certification and has been honored as "The Best Emerging Private Engineering College in Karnataka" along with "Most Promising Upcoming Private Engineering College in Karnataka" for two consecutive years. It also holds QS I-Gauge Gold Ranking status. ATMECE is NACC accredited with an A+ grade and is one among seven engineering colleges in Karnataka to achieve this rating during its first cycle. Furthermore, ATMECE is NNABL Accredited (National Accreditation Board for Testing and Calibration Laboratories) all departments at the institute have established recognized research centers by VTU to pursue Msc. Engg. and Ph.D. The institute has secured over Rs.5 crores in external funding for various research & consultancy projects over the past five years.

## ABOUT THE FDP

The Faculty Development Program (FDP) on "Unlocking Generative AI- BAIL57C," conducted in association with IEI, ATME IEEE STB-35744 & Internal Quality Assurance Cell (IQAC), ATMECE, is designed to provide VTU faculty members with comprehensive insights into the rapidly advancing field of Generative AI. The program aligns with the VTU Laboratory syllabus and aims to equip faculty members with the necessary skills and knowledge to effectively integrate these concepts into their teaching and research. A lab manual will also be provided for reference.

## RESOURCE PERSONS / EXPERTS

*The sessions will be led by esteemed industry experts, **Dr. Meenakshi H N**, Senior Principal Consultant - Learning ETA, Infosys, and **Mr. Siddhanna Janai**, Analyst- Learning, ETA, Infosys, offering a comprehensive blend of theoretical knowledge and practical insights.*

## ABOUT DEPT OF CSE-DATA SCIENCE

*The Department of Computer Science Engineering (Data Science) at ATMECE is committed to delivering an industry-aligned curriculum that integrates mathematical and statistical models, machine learning tools, and artificial intelligence to address real-world challenges. The department emphasizes hands-on training with cutting-edge technologies and programming languages, ensuring students are well-prepared for the evolving demands of the IT industry. Collaborations with organizations like IVIS Labs provide domain-specific training in areas such as Data Engineering, Applied Machine Learning, and Generative AI, enhancing students' technical expertise. The Department of Computer Science Engineering (Data Science) at ATMECE has achieved significant milestones, including being recognized as one of the Higher Education Review Top 10 Promising Colleges for Data Science in India – 2024. In addition to academic excellence, our students actively participate in university-level sports, showcasing a balance between intellectual and extracurricular pursuits. To foster holistic development, the department offers value-added courses, skill-enhancement programs, and opportunities to participate in technical symposiums and hackathons. Additionally, the institute provides comprehensive placement training in aptitude, technical skills, and soft skills, equipping students with the confidence and competence needed for successful careers.*

## OBJECTIVES OF FDP

- To enhance the technical expertise of our faculty members in Generative Artificial Intelligence.
- To familiarize participants with the requirements and practical implementation of the BAIL57C syllabus.
- To encourage innovative teaching methodologies for effective delivery of the laboratory course.

## OUTCOMES OF FDP

- Understand the fundamentals of NLP and Generative AI.
- Learn to use Langchain for prompt engineering
- Gain hands-on experience with popular NLP models
- Develop practical skills in building simple AI applications.

## WHO CAN ATTEND ?

*Faculty Members of AICTE Approved Institutions, Universities, Research Scholars, PG Scholars, Participants from industry and staff of host Institution.*

## CONTENTS OF FDP

- Introduction to Natural Language Processing(NLP), Pretrained Models, Word Embeddings
- Introduction to Generative AI: Key concepts, types of generative models, and applications.
- Hugging Face: Introduction to the Hugging Face Hub and its ecosystem for NLP.
- Google Gemini Ecosystem: Overview of Google Gemini models and their capabilities. Demo
- Prompt Engineering with Langchain APIs: introduction to Langchain, its components, and basic prompt engineering techniques, Advanced concepts, best practices, and troubleshooting.
- Chatbot Creation: Building a simple chatbot using Cohere or Google Gemini models.