

## ABOUT THE INSTITUTION

Founded in 1981 by Vasavi Academy of Education, Vasavi College of Engineering (VCE) represents a rich tradition of excellence in technology-based education. A premier-league institution among the affiliates of Osmania University, VCE owes its vision to Sri Pendekanti Venkata Subbaiah, a veteran statesman of Independent India. VCE has been conferred with Autonomous Status by the University Grants Commission (UGC), New Delhi and Osmania University, Hyderabad for a period of six years with effect from the Academic Year 2014-15, for all the UG and PG Programmes. The College is implementing Choice Based Credit System (CBCS). Accredited by NAAC with A++ Grade.

## ABOUT THE DEPARTMENT

**Vision:** To be a center for academic excellence in the field of Computer Science and Engineering education to enable graduates to be ethical and competent professionals.

**Mission:** To enable students to develop logic and problem solving approach that will help build their careers in the innovative field of computing and provide creative solutions for the benefit of society.

The Department of Computer Science & Engineering was started in the year 1994 offering a 4-Year B.E. course with an annual intake of 180 students and offers 2 year M.Tech. course with an annual intake of 12 students. The department has well qualified and experienced faculty. The students are placed through campus recruitment in reputed organizations like Microsoft, Accolite, Oracle, Pega Systems, Adtran, NCR, Deloitte, Qualcomm, Servicenow, Infosys, Cognizant etc. Osmania University has identified the Department as a Research Center. Two Professors in the department are recognized as research supervisors for guiding Ph.D. students. We also offer value added courses in the form of CISCO Local academy to meet the contemporary market demands. As apart of continuing education, the Department organizes various guest lectures, seminars, workshops and conferences by inviting people from Academia & Industry.

## Organizing Committee

### Chief Patrons

Sri P. Ram Mohan Rao, President, VAE  
Sri M. Krishna Murthy, Secretary, VAE

### Patron

Sri P. Balaji, CEO, VCE

### General Chair

Dr. S.V. Ramana, Principal, VCE

### Convener

Dr. T. Adilakshmi  
Professor & HOD  
Department of CSE, VCE

### Coordinators

Dr. Nagaratna P Hegde  
Program Coordinator  
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Dr.T. Adilakshmi,  
Program Co-coordinator  
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### Members

Dr. D.Baswaraj, Professor  
Dr. Parsi Kalpana, Associate Professor  
Dr. Bhargavi Peddi Reddy, Associate Professor  
Dr. M. Sunitha Reddy, Assistant Professor  
Mr. C.Gireesh, Assistant Professor  
Ms. S. Komal Kour, Assistant Professor  
Ms. Karakanti Srividya, Assistant Professor

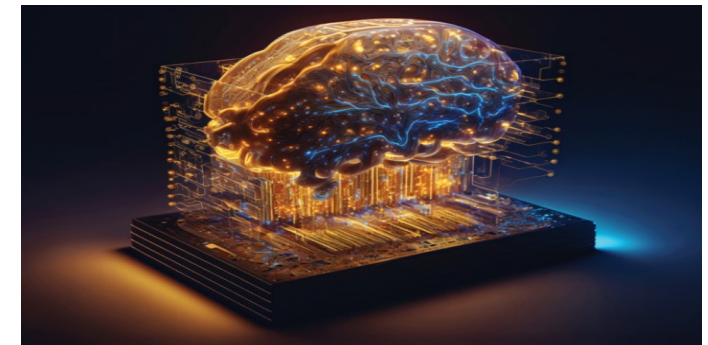
## ONE WEEK NATIONAL LEVEL AICTE TRAINING AND LEARNING (ATAL) ACADEMY PROGRAM



## Faculty Development Program On

## Generative AI with Large Language Models and its Applications

9<sup>th</sup> to 14<sup>th</sup> September , 2024



**Organized by**  
**Department of Computer Science and  
Engineering**

**VASAVI COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

**ACCREDITED BY NAAC WITH 'A++' GRADE**

**Website: [www.vce.ac.in](http://www.vce.ac.in)**

### About ATAL Academy

AICTE Training and Learning (ATAL) Academy is established with the vision “To empower faculty to achieve goals of Higher Education such as access, equity and quality”. AICTE is committed to the development of quality technical education in the country by initiating various schemes launched by Govt. of India, Ministry of Human Resource Development. Council understands that there is a need to train the young generation in the skill sector and have faculty & technicians be trained in their respective disciplines. Training is required to increase the knowledge and skills of students making them more employable to acquire global competencies.

### About the FDP

Generative AI is a type of artificial intelligence technology that can produce various types of content, including text, imagery, audio and synthetic data. Generative AI applications which is powered by very large machine learning models that are pre-trained on vast amounts of data referred to as Large Language Models (LLMs). The recent buzz around generative AI has been driven by the simplicity of new user interfaces for creating high-quality text, graphics and videos in a matter of seconds

This FDP will provide a basic understanding of all the aspects of Generative AI technology. It will provide a comprehensive understanding on the contemporary Image generation, text generation video generation and their applications that will help faculty to also pursue application development and research in this direction.

### Objectives of FDP

To disseminate the knowledge of Generative AI among students, researchers, and academicians.

- To discuss the current status of Generative AI and research work in India and across the world.
- To teach faculty members how to identify and understand problems effectively. This involves recognizing challenges by students, institutions, or educational processes.

- This FDP help educators integrate Generative AI into existing academic programs seamlessly. This could involve identifying interdisciplinary connections, aligning learning outcomes, and ensuring coherence with existing curriculum standards.
- To highlight research opportunities using Generative AI , encouraging faculty members to explore and contribute to advancements in the field through research projects, publications, and collaborations.

### Major Course Contents

- Introduction to Generative AI and LLMs.
- Generative AI use cases, project lifecycle, and model pre-training
- Adapt LLM to domain specific datasets and use cases
- Introduction to Chatbot
- Fine tuning with Chatbot
- Understanding the capabilities of ChatGPT
- Building a Chatbot with ChatGPT-4
- Introduction to Open AI and Dall-E

### Resource Persons

- Dr. P Radha Krishna, Professor, Dept of CSE, NIT-Warangal
- Dr. K. Sampath Kumar , Director, -AI, KPMG-Global Delivery Centre Hyderabad
- Dr. R. Phani Bhushan, Scientist Adrin, Hyderabad
- Mrs. Sravani Peravali , Lead Data scientist Cyient
- Dr. Chakravarthy Bhagvati , Professor, Central Univeresity, Hyderabad
- Mr. Rohith Kumar Cherukuri, Ex-VP,Global Marketing - CtrlS & Cloud4C
- Mrs. Vathsala Narasimman, Director–Delivery, Talent Sprint
- Mr. Sai Satish, CEO, Indian Servers
- Mr. Bhaskar Rao Gujju, AIVP, AI planet

### Location & Transport

The college is located 8 kms from Mehdiptnam (on the way to Gandipet) near Ibrahimbagh bus stop. BUS Route Nos. (from Mehdiptnam) : 220V, 6B, 505, 220J, 120M

### Registration Information

- Registration must be through ATAL portal.
- No Registration Fee.
- Maximum no. of participants: 50
- First signup at <https://atalacademy.aicte-india.org/>
- After login, fill general details.
- Select the FDP from the link <https://atalacademy.aicte-india.org/participant/workshop>
- Any one Identity proof (JPEG File) and NOC from present organization (PDF file) need to be submitted by the participants.

### Who should Attend

Assistant Professors/Associate Professor/Ph.D. Scholars/PG students from AICTE approved Institutions.

### Mode of Delivery: Offline

### Requirement to get Certificate:

Candidates would be eligible to receive a certificate up on achieving **at least 70% cumulated weightage in the following aspects in the weightage mentioned.**

- Attendance – minimum 80% attendance essential. 100 % attendance - (individual) - weightage 20%
- One assessment, - combination of MCQs/short answer type/reasoning based, etc. -(Individual) - weightage10%
- 2 Page Article Summary/per Team - (Team & Individual) - weightage 30%
- Output of practical sessions -(Individual)-weightage15 %
- Report/outcome of Industrial visit- (Team) at the last session - weightage 10%
- Reflection Journal - (Individual) - at the last session - weightage 15%

### Contact Details:

#### Coordinator

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