



FIVE DAYS NATIONAL LEVEL FDP ON

# Harnessing GenAI

A Technical Roadmap from Prompt Engineering to RAG & MCP-Enabled Agents

## REGISTRATION FORM



Name : .....

Department : .....

Organization : .....

Address : .....

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Phone : .....

Email : .....

**Academicians / Industry / PG / Ph.D Students**

.....

**Note:** Only 40 participants are allowed.

Signature  
of the Candidate

Signature of the Principal  
/ Sponsoring Authority

### CHIEF PATRON

**Dr. Yashwanth Bhupal** Chairman, BITM, Ballari

**Prof. Prithviraj Y.J** Director, BITM, Ballari

### PATRONS

**Dr. Yadavalli Basavaraj** Principal, BITM, Ballari

**Dr. B.S. Khened** Vice - Principal, BITM, Ballari

**Dr.R.N.Kulkarni** Dean R&D, BITM, Ballari

### CONVENER

**Dr. Girish Kumar D** Professor & HOD, MCA, BITM, Ballari

### COORDINATORS

**Dr. S.D.N Hayath Ali** Assoc. Prof., MCA, BITM, Ballari

**Mrs. Sharvani V** Asst. Prof., MCA, BITM, Ballari

### FDP Committee

All Teaching and non-teaching staff members & students of  
Master of Computer Applications Dept., BITM, Ballari.



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**23-27 March 2026**

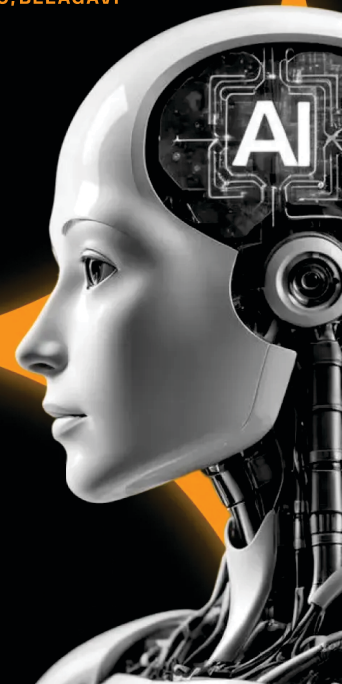
ORGANIZED BY  
Dept. of Master of Computer Applications



BASAVARAJESWARI GROUP OF INSTITUTES

**BALLARI INSTITUTE  
OF TECHNOLOGY & MANAGEMENT**

**AUTONOMOUS** AFFILIATED TO VTU, BELAGAVI



## ABOUT OUR INSTITUTION

# BITM

Engineering the Future  
of Human-AI Collaboration.

Established in 1997 founded by Late Smt. Basavarajeswari, former Union Minister; Ballari Institute of Technology & Management (BITM) is a premier, NAAC A+ and AICTE-approved autonomous institute affiliated with VTU. Offering UG & PG programs in engineering, management & computer applications, BITM prepares students for the global tech industry through an industry-oriented curriculum, modern facilities & a strong placement focus.

## ABOUT THE DEPARTMENT

# M.C.A

Department of Master  
of Computer Applications

The Department of Master of Computer Applications (MCA) is dedicated to provide quality education in the field of computer science and information technology. The department focuses on developing strong programming skills, problem-solving abilities, and practical knowledge among students to meet the growing demands of the IT industry.

The MCA program emphasizes emerging technologies such as Artificial Intelligence, Machine Learning, Data Science, Cloud Computing, and Software Development. The department is supported by experienced faculty members, well-equipped computer laboratories, and a curriculum that integrates both theoretical concepts and hands-on practical learning.

To strengthen industry interaction and enhance student employability, the department has established MoUs with leading organizations such as Infosys, QSpiders, JSpiders, and Automation Anywhere. These collaborations facilitate training programs, workshops, internships, and placement opportunities for students.



**29 YEARS**  
**OF QUALITY**  
**EDUCATION**

## ABOUT FACULTY DEVELOPMENT PROGRAM

### FDP OBJECTIVES:

- To understand and apply **Prompt Engineering techniques for AI applications.**
- To explore **Retrieval Augmented Generation (RAG)** for building intelligent knowledge systems.
- To develop **AI Agents and automation work flows** using modern AI frameworks.
- To provide **hands-on experience in building real-world Generative AI applications.**



RESOURCE PERSON:

### Mr. Sudhakar Bhandari

Ex-IBM, Software Architect, AI, Agentic  
Systems and Cloud-Native Platforms

- Mr. Sudhakar Bhandari is an Enterprise Architect with over 18 years of industry experience in designing cloud-native and AI-enabled enterprise platforms.
- He has worked with leading organizations such as IBM, Dell, and First American, contributing to large-scale distributed systems and AI-driven solutions.
- His expertise includes Generative AI, AI Agents, Retrieval Augmented Generation (RAG), cloud computing, and microservices architecture.
- His strong industry experience brings valuable practical insights into modern AI technologies and real-world applications.



### WHO SHALL ATTEND

This FDP is intended for faculty members, industry professionals, researchers, and postgraduate students from engineering colleges, universities, and related institutions.

### ACCOMMODATION

Accommodation will not be provided; however, assistance will be given to participants in finding nearby accommodation.

### CONTACT FOR FURTHER DETAILS:

**Dr. S.D.N Hayath Ali - 82775 95140**  
**Mrs. Sharvani V - 90085 43330**

## COMMUNICATION:

### ■ Dr. Girish Kumar D

Professor & HOD, Dept. of MCA,  
BITM, Ballari

**E-Mail:**  
girishkumar@bitm.edu.in

### LAST DATE TO REGISTER

**20 March 2026**

### NOTE:

### REGISTRATION

- No Registration fee.
- No TA/DA will be paid to the participants.

**SCAN TO  
REGISTER**



[forms.gle/PiRfNUYeeMsVKrUE9](https://forms.gle/PiRfNUYeeMsVKrUE9)

## FDP SCHEDULE:

### 1 DAY 1 23 March 2026

- Understand LLM, Prompt Engineering techniques.
- Building simple LLM Applications

### 2 DAY 2 24 March 2026

- Advanced Control & JSON
- RAG Architecture & Embeddings

### 3 DAY 3 25 March 2026

- Vector Databases, Improving RAG
- Building a RAG Pipeline

### 4 DAY 4 26 March 2026

- Introduction to AI Agents
- Tool-Augmented AI Systems

### 5 DAY 5 27 March 2026

- The Model Context Protocol (MCP) Revolution
- Building an Agent with MCP