

WHO CAN APPLY?

Assistant Professors/Associate Professors /PG students/Research Scholars from Various Colleges are eligible to apply for the course. No registration fee is charged by the participants. Eligible participants will be selected on the basis of first come first served. On completion of the course, an Objective assessment will be done and certificates will be awarded to successful participants by ATAL academy.

GUIDELINES:

- * Faculty Development Program comprises of 12 sessions.
- * Timing will be from 9.30am to 5.30 pm.
- * The FDP will be conducted in the offline mode with 2 sessions per day:
Session 1: 9.30am to 12.00 pm
Session 2: 2.00pm to 4.30pm
- * Article Discussion: 12.00pm to 1.00pm
- * Hands on Training: 4.30pm to 5.30pm
- * On the last day of the course, an objective assessment test will be conducted.
- * Certificates will be awarded to participants who have an attendance of more than 80% and score more than 60% in the test.

HOW TO APPLY?

There is no registration fee. All participants are requested to register using the link of AICTE ATAL portal: <https://atalacademy.aicte.gov.in/signup> Find the FDP under workshops. The following filters may be applied:

Select state> Andhra Pradesh

Select month> July

Select thrust area > Artificial Intelligence & Applications

Note: If there are any issues with registration, please feel free to contact the coordinator.

ADVISORY COMMITTEE

PATRON

DR.R. Guru Prasad

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Shri Gnanambica Degree College(Autonomous)

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Shri Gnanambica Degree College(Autonomous)

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Shri Gnanambica Degree College(Autonomous)

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Mr.MS.Rajanikanth SHRI GNANAMBICA DEGREE COLLEGE

(AUTONOMOUS)

Assistant professor,
Department of Computer Science



Correspondent

Shri Gnanambica Degree College
MADANAPALLE

PRINCIPAL

Faculty Development Program (Offline)

on

The Transformative Role of AI In Urban Development

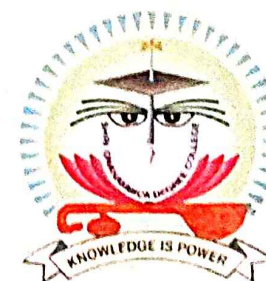
Healthcare Advancements and Emerging Industries

Sponsored by AICTE Training and Learning
(ATAL) Academy



July 07-12, 2025

Organized by
Department of Computer Science



SHRI GNANAMBICA DEGREE COLLEGE
(Autonomous)

Accredited By NAAC with A+
Madanapalle

Andhra Pradesh - 517325

www.shrignanambicacollege.edu.in

ABOUT THE INSTITUTION:

Shri Gnanmbica Degree College, established in 1999, is an autonomous institution with over 25 years of excellence in higher education. Accredited with a NAAC A+ grade, the college stands as a symbol of academic quality and innovation. It offers a variety of undergraduate programs, including BCA (Bachelor of Computer Applications) and BBA (Bachelor of Business Administration), which are approved by AICTE (All India Council for Technical Education). With multiple branches and a strong reputation in the academic community, the college provides state-of-the-art facilities, experienced faculty, and a student-centered approach. As an autonomous institution, Shri Gnanmbica Degree College enjoys the academic freedom to design its own curriculum, ensuring it remains industry-relevant and future-ready.

ABOUT THE DEPARTMENT:

The Department of Computer Science at Shri Gnanmbica Degree College is a center of excellence in computer education and technology. Established with the aim of preparing students for careers in the rapidly evolving IT industry, the department offers a well-structured, AICTE-approved curriculum that blends theoretical foundations with practical applications.

Equipped with state-of-the-art computer labs, high-speed internet, and experienced faculty, the department emphasizes programming, software development, database management, web technologies, and emerging areas like AI and Data Science. The BCA program fosters hands-on learning through projects, internships, seminars, and workshops in collaboration with industry experts.

BROAD OBJECTIVES:

This FDP aims to provide faculty members with a comprehensive understanding of AI-driven innovations in urban development, healthcare, and emerging industries. It will equip participants with knowledge and skills to integrate AI concepts into teaching, research, and industry applications.

The transformative role of Artificial Intelligence (AI) aims to revolutionize key sectors by enhancing efficiency, decision-making, and personalization. In urban development, AI focuses on creating smart cities through intelligent traffic management, energy-efficient infrastructure, and predictive urban planning to improve quality of life and sustainability. In healthcare, AI strives to advance early disease detection, personalized treatment plans, and predictive diagnostics, enabling faster, more accurate, and cost-effective patient care. Across emerging trends, AI is driving innovation in areas such as autonomous systems, cybersecurity, financial technologies, and climate modeling. The broad objectives include optimizing resource utilization, improving human well-being, fostering data-driven governance, and promoting inclusive technological growth while ensuring ethical and responsible AI deployment.

TOPICS COVERED IN FDP:

- ★ Introduction to AI and ML
- ★ AI Applications in Urban Development
- ★ AI in smart Traffic Management
- ★ AI in Energy Management & Sustainability
- ★ AI in Medical Imaging & Diagnosis
- ★ Personalised Medicine & AI in Drug Discovery
- ★ Research opportunities in AI
- ★ AI project work & Industry Applications

RESOURCE PERSONS OF THE FDP:

- ★ Dr. M. Humera Khanam
Professor, Dept of CSE
Sri Venkateswara University, Tirupati
- ★ Dr.M.V.Manoj Kumar
Professor, Dept of ISE
Nitte Meenakshi Institute of Technology
Nitte Deemed to be university, Bengaluru
- ★ Mr.B.Vijaya Raju
Senior Security Engineer
UNISYS Global Services India, Bengaluru
- ★ Dr.N.Shilpa
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Arran Scientific APIIC
- ★ Dr.Sharon Priya Alexander
Manager
Bengaluru Bio Innovation Center
- ★ Dr.Vishnu Yarlagadda
Associate professor
Manipal Institute of Technology(MIT), Bengaluru
- ★ Mr.T.Rajesh
Senior Developer
Halemind Inc, Hyderabad
- ★ Mr. Anand Kammara
Technical Lead
Birla Soft, Hyderabad
- ★ Mrs. Dharshini JD
Chief Technical Officer
Srivenky Technological PVT LTD, Tirupati