

VISION OF IT DEPARTMENT

To impart technical education producing competent and socially responsible engineering professionals in the field of Information Technology.

MISSION STATEMENTS OF THE IT DEPARTMENT

In order to foster growth and empowerment, we commit ourselves to

- To make the teaching-learning process more engaging, effective, and stimulating.
- Improve career opportunities in core areas of electrical and electronics engineering.
- Inculcate leadership qualities with ethical and social responsibilities.

Contact Details

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ORGANIZING COMMITTEE

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Chairman, Vignan Group of Institutions

Patron

Mr. B. Shravan

Chairman, Vignan Group of Institutions

Dr. G. Apparao Naidu

Principal, VMTW

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Mrs. G. Sandhya Rani, Assistant Professor

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Mr. S. Chandra Shekar, Assistant Professor

Mrs. D. Kousari Kumari, Assistant Professor



A Six Days

**AICTE Training and Learning
Faculty Development Programme**

On

**Industry 4.0 Unleashed: Intelligent
Convergence of AI and Cloud for
Autonomous and Resilient Smart Systems**

7th to 12th September 2026

Sponsored by

AICTE, NEW DELHI

under

AICTE Training & Learning (ATAL) Academy

Department Information Technology



VIGNAN'S
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TECHNOLOGY FOR WOMEN**

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About College

Vignan's Institute of Management & Technology for Women (VMTW) was established in August 2008 by Dr. L. Rathaiah, Chairman of Vignan Group of Institutions. With four branches of Engineering at its inception, the institute was founded with the vision of empowering rural women through quality education.

An Autonomous institution, Affiliated with JNTUH, approved by AICTE, accredited by NBA (CSE & ECE courses) till June 2025, NAAC A+ and certified by ISO 14001:2015 & 50001:2018. VMTW offers both UG and PG programs in engineering, under B.Tech, the courses include CSE (360), CSE(AI&ML) (240), CSE(DS) (60), Information Technology (60), and ECE (120 seats). At the postgraduate level, the institution offers M.Tech-VLSI Design and M.Tech- CSE with 18 seats. It houses well-equipped laboratories, a vast library with extensive online resources, spacious classrooms, and a dedicated placement cell to guide students in achieving their career goals. Hostel facilities within the campus ensure a comfortable living and learning environment.



About the Department

The department of Information Technology started in the year 2019 with an of 60 students. They always strive to provide quality education to the students and work hard to develop the overall personality of the students. The laboratories of the department are well developed with advanced equipment to impart the required practical training to the students. The department also has huge computer Centre with 100 systems and with registered software to impart the computing knowledge to the students. The department maintains strong links with the infrastructure industry, academic and research institutions at the national level.

About the Programme

The rapid evolution of Industry 4.0 technologies has transformed traditional industrial systems into intelligent, automated, and data-driven environments. The integration of Artificial Intelligence (AI), Internet of Things (IoT), and Cloud Computing play a crucial role in enabling smart systems across domains such as manufacturing, healthcare, transportation, and smart cities.

This FDP is designed to equip faculty members with interdisciplinary knowledge and hands-on skills required to incorporate Industry 4.0 concepts into teaching, research, and real-time applications.

Objectives of the FDP

- To provide a comprehensive understanding of Industry 4.0 architecture and technologies.
- To train participants in AI, IoT, and Cloud integration techniques.
- To develop hands-on skills using real-time tools and platforms
- To enable faculty to design smart system-based applications
- To promote industry-oriented teaching and research practices

Learning Outcomes

After completion of FDP, participants will be able to:

- Understand the core concepts of Industry 4.0 technologies
- Apply AI and IoT techniques in real-time applications
Develop cloud-based smart system solutions
- Integrate modern tools into curriculum and research



Eligibility

Faculty members, Research scholars and PG Scholars of the AICTE approved institutions and Industry Personnel are eligible to apply.

Guidelines

- No participant fees will be collected.
- Sessions will be conducted during the evening time (Refer the schedule given with this brochure).
- Eligible participants will be selected based on first come first serve basis and will be intimated by e-mail.
- Coordinators decision will be final regarding the selection of participants.
- The certificates shall be issued to those participants who are registered on ATAL portal www.aicte-india.org/atal and attend the program with minimum 80% attendance and score minimum 70% marks in the assessment.

Registration

Registration is mandatory for attending the FDP. The participants are requested to register with the ATAL portal.

<https://atalacademy.aicte-india.org/login>

Resource Persons

The sessions will be handled by experts from academia, research organizations and industry in the subject area.

Department
of Information
Technology