

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NAAC with 'A++' Grade

Ibrahimbagh, Hyderabad-500 031, Telangana State, INDIA



**B.E. (IT):Honours Degree Programme in
Artificial Intelligence & Machine Learning**

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

VISION

Striving for a symbiosis of technological excellence and human values

MISSION

To arm the young brains with competitive technology and nurture the holistic development of the individuals for a better tomorrow

QUALITY POLICY

Education without quality is like a flower without fragrance. It is our earnest resolve to strive towards high standards of teaching, training and developing human resources.

DEPARTMENT PROFILE

Vision

- To be a centre of excellence in emerging areas of Information Technology.

Mission

- Provide a comprehensive learning experience on latest technologies and applications.
- Equip the stakeholders with technical knowledge and leadership skills with collaboration to become competent professionals.
- Motivate innovation and contribute to the societal issues with human values and professional ethics.

DEPARTMENT PROFILE

Programme Specific Outcomes (PSOs)

Our students, upon graduation from the program, will be able to:

- PSO1:** Identify and develop software solutions using programming languages, tools and AI/ML concepts.
- PSO2:** Design, develop and maintain secure stand-alone, embedded and networked systems.
- PSO3:** Analyze the architectures of autonomous or semi-autonomous intelligent systems and apply to real-time scenarios.

Programme Educational Objectives (PEOs):

The programme will enable the graduates to:

- PEO1:** Pursue higher studies in multidisciplinary areas with research orientation.
- PEO2:** Develop core IT competencies aligned with emerging industry trends to become global leaders with ethical values.
- PEO3:** Engage in continuous learning and address the societal problems with sustainable solutions.

MODALITIES FOR B.E (HONOURS) DEGREE ACADEMIC REGULATIONS.

Academic Requirements:

- In addition to the BE regular programme course structure as specified, the BE (Honours) students must register & complete additional courses as prescribed by the respective Department with a minimum of 18 and a maximum of 20 credits during V to VIII semesters of their study.

Eligibility Criteria:

Student should

- **Have CGPA of 7.0 and above**
- Have cleared all the courses, as prescribed in the curriculum, in the first attempt.
- Satisfy the mandatory requirement of completing ONE NPTEL Certification Course (as per B.E Regular programme regulations) by the end of IV Semester of their study.
- Batch Size : Minimum of 20 and Maximum of 40 students per Programme.

