

VNRVJIET offers a new B.Tech Programme in Artificial Intelligence and Machine Learning for the Academic Year -2020-2021

Undergraduate Programme in (Artificial Intelligence and Machine Learning)

Foreword:

For a very long time, philosophers, mathematicians, and scientists have envisioned the possibilities of building intelligent machines that can perform human tasks. Fast-forward today; this dream is closer to becoming a reality as Artificial Intelligence (AI), also referred as machine intelligence. Large-scale research and investment is being carried out in designing machines that think, learn, and make decisions like humans. Like any other technology, AI has now been merging technology, there by presenting unique opportunities for various levels of stakeholders. Hence, VNRVJIET considers itself as a credit to satisfy the needs of current students, and improve student's overall quality of correct pace of technology

On the occasion of embarking the 25th glorious year of serving Engineering Education in the state of Telangana, VNRVJIET introduces a new 4 year regular undergraduate - Bachelor of Technology (B.Tech.) degree programme in “Artificial Intelligence and Machine Learning” (AIML) with sanctioned intake of 60 from the academic year 2020-2021.

Programme Highlights:

The 4-year B.Tech program is designed to make professionals adept in the domains of Artificial Intelligence and Machine Learning. The younglearners will be working on real-world projects and research papers related to artificial Intelligence and machine learning course. The programmeforms a balance of functional knowledge as well as practical learning spread for a period of 4 years. Post program completion, the candidates will be able to handle projects at their company with expertise and ease.

Through this programme,learners will be able to harness the power of machine learning by integrating ArtificialIntelligence intoproduct based servicesand start-up services.

Core Components:

- Artificial Intelligence and Intelligent Agents
- Knowledge Engineering and Statistical NLP
- Problem Solving Approaches
- Exploration on Statistical Analysis
- Security handling mechanisms
- Machine learning algorithms
- Autonomous computing
- Computer Vision and Intelligent Robots
- Deep learning algorithms

Eligibility Criteria for Admission:

- ✓ The candidate shall be an Indian National / NRI
- ✓ The candidate should have completed 16 years of age as on 31st December of the academic year for which the admissions are being conducted.
- ✓ The candidate should have passed the qualifying examination (10+2) or equivalent as on the date of admission recognized by BIE, Telangana State.
- ✓ Seats in the programme are classified into Category A and Category B as per the G.Os.

Category – A Seats : Seats shall be filled through counselling as per the rank in the Common Entrance Test (EAMCET) conducted by the State Government and as per other admission criteria laid down in the G.Os.

Category - B Seats: Seats shall be filled by the Institute as per the G.Os issued by the State Government from time to time.

Programme Outcomes: The College and faculty together strive to foster robust curriculum to enable the student to meet the industry demands. Some of the key points to be listed:

- To inculcate basic understanding and skills to develop intelligent software applications, such as those involving evolutionary computation and learning.
- To get expertise in Artificial Intelligence and Machine Learning.
- To explore functional and practical knowledge in Programming and Statistical Techniques required for ML and AI.
- To enhance their skill sets with insights and practical uses of AI in various sectors.

Principal