



# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

(Approved by AICTE, Affiliated to Pondicherry University, Accredited by NBA, New Delhi and NAAC with 'A' grade)

Medical College Campus, Kalitheerthalkuppam, Puducherry-605 107.

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Accredited By:



## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING



**Educate**

**Empower**

**Excel**

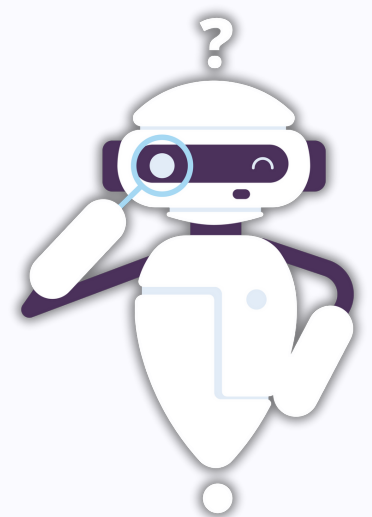


# ABOUT THE DEPARTMENT

The Department was started with an intake of 60 students in 2021; the sanctioned intake was increased to 120 seats in 2022. The Department of Artificial Intelligence and Machine Learning has been continuously making progress in Teaching and R & D activities. The Department focuses on preparing the students for wide range of IT careers equipping them with unique enriching experience of molding tomorrow's technocrats with high caliber and commitment

The Department is well equipped with 180 Computer Systems with latest configuration and also has a separate Department Library with Latest Titles, Editions, Journals, and Magazines and also connected with Internet Facility. The Department organizes Seminars, Workshops and Guest lecturers to enhance the Technical Skills of the students, so that they can face global competition.

The Department has entered into MoU with Twilight IT Solutions, Pondicherry for software training and Faculty Development Programs, besides R&D activities



# VISION AND MISSION

## VISION

To impart knowledge with the latest technological advancement in the field of (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) and transform the learners into global contributors as Innovators, Entrepreneurs, and Researchers.

## MISSION

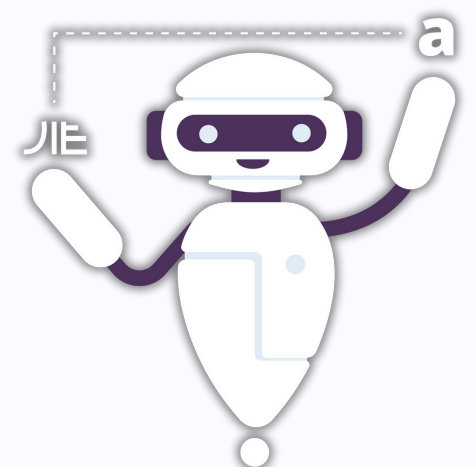
Department of ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING is committed.

**Higher Order Thinking:** To impart strong fundamental concepts, analytical and problem solving ability to hone their professional skills.

**Continuous learning:** To create an excellent conducive atmosphere for student learning and continuous updation of their knowledge on technology.

**Entrepreneurship:** To imbibe the spirit of leadership skills to be an active entrepreneur in society with moral values.

**Competency:** To enhance the creativity in research and to develop the competency of the students in the technological field.

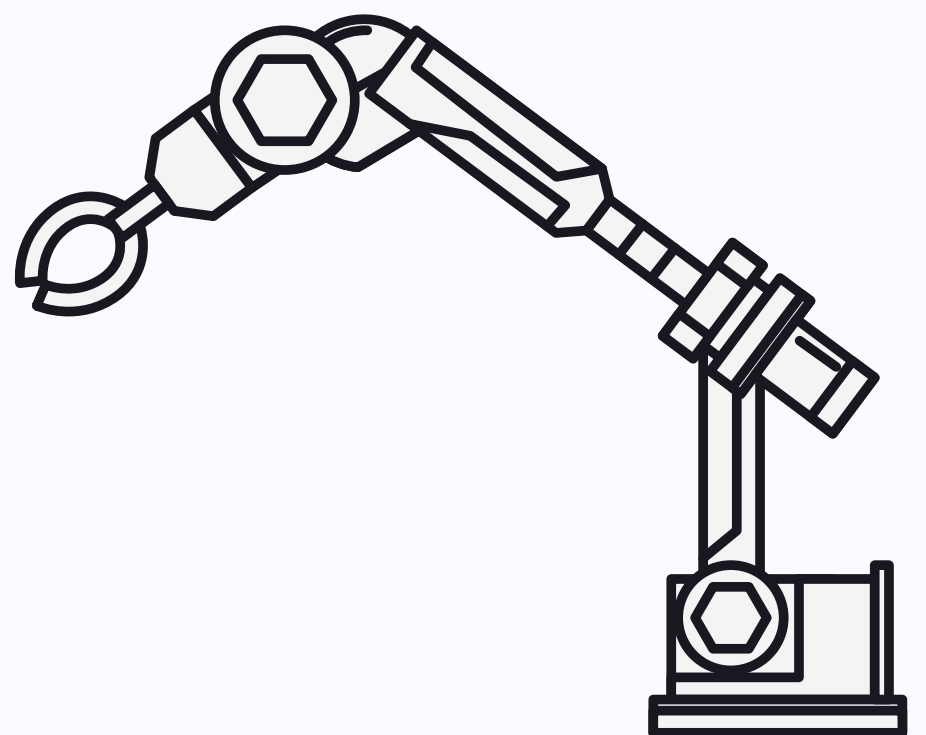


## PROGRAMME EDUCATIONAL OBJECTIVES(PEO)

**PEO1: Employability:** Our Graduates shall be suitably employed in allied industries/services with professional competency and knowledge of modern tools.


**PEO2: Higher Education:** Our Graduates shall be capable to pursue higher studies/research in the field of engineering and management.


**PEO3: Entrepreneurship:** Our Graduates shall be prepared for a successful career by meeting ever increasing demands required by Computer Science and Engineering profession and enable them to become an entrepreneur.





## FACULTY ACTIVITIES

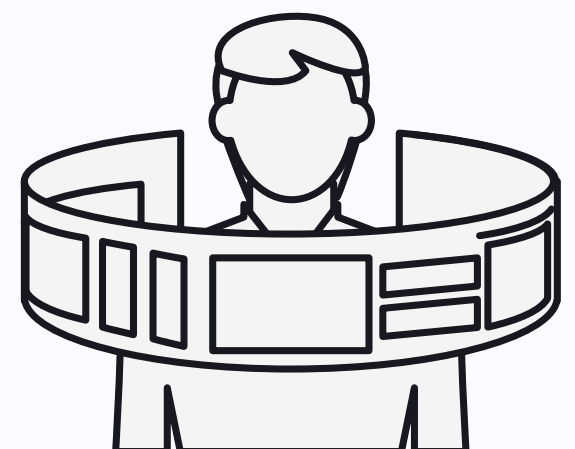
 Mrs.K.Anupriya Asst.Prof has published paper entitled as "Deep Fake Identification Using Machine Learning Architecture" in GRADIVA REVIEW JOURNAL, Vol.9,Issue 5 May 2023.

 Mrs.K.Anupriya Asst.Prof has attended five days Faculty Development Programme on "Data Science using Machine Learning" conducted by Pravara rural Engineering college in collaboration with ExcelR from 1st January,2023 to 6th January, 2023.

 Mrs.K.Anupriya Asst.Prof has attended two days Workshop on "Recent Trends In Energy Harvesting And Storage Technologies" conducted by Dept. of ECE, Koneru lakshmaiah Education Foundation from 19th January,2023 to 20th January,2023.

 Mrs.K.Anupriya Asst.Prof has attended two days Faculty Development Programme on "IPR" conducted by Cauvery College For Women from 6th February,2023 to 7th February,2023.

 Mrs.K.Anupriya Asst.Prof has attended five days Faculty Development Programme on "Machine Learning And Its Real Time Applications" conducted by Dept. of CSE, Sri Manakular Vinayagar Engineering College from 6th March,2023 to 10th March,2023.





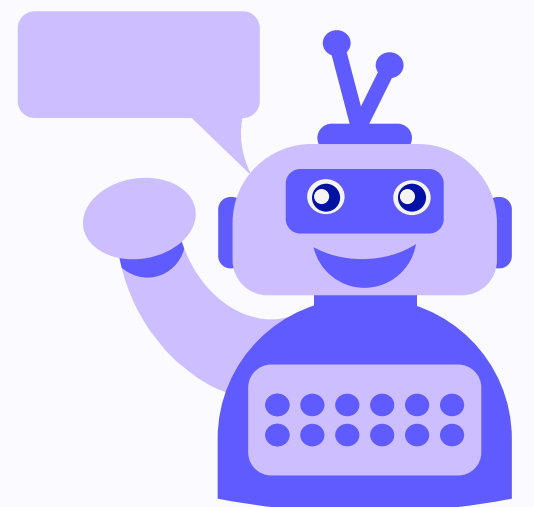
Mrs.K.Anupriya Asst.Prof has attended six days Faculty Development Programme on "6 Days Online UHV-II" conducted by AICTE from 13th February,2023 to 18th February,2023.



Mrs.K.Anupriya Asst.Prof has attended one days Workshop on "Quality Teaching With Moodle LMS" conducted by Dept. of ECE, Manakular Vinayagar Institute Of Technology on 21st January,2023.



Mrs.S.K.Sugunedham Asst.Prof has attended five days Faculty Development Programme on "Data Analytics using power BI" conducted by Dept of IT, GNarayanamma Institute of Technology and Science(Women) in Collaboration With ExcelR from 20th March,2023 to 24th March,2023.



# DEPARTMENT ACTIVITIES



A Seminar on “Intellectual Property Rights” delivered by Dr.M. Jayakumar for II Year students on 21st March, 2023 .



Memorandum of understanding with Twilight IT Solution, Pondicherry on 6th March, 2023





**A Guest Lecture on “The era of Artificial Intelligence” delivered by Mr. Kautham, Twilight IT Solutions, Puducherry for II Year Students has been organized on 12 th April, 2023.**



**Work Shop on “Cyber Hacks ”delivered by Ms. Umadevi and Sumathi S for II Year Students on 13th March, 2023 .**

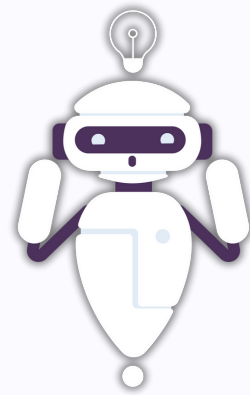




A Special Lecture on “Wireless Sensor Networks” in Computer Networks by, Ms. S. Adolphine Shyni, AP/IoT was delivered for B.Tech II year students on 28th March, 2023.



A Special Lecture on “Introduction to Deep Learning” in Artificial Neural Networks by, Ms. K. Anupriya, AP/IoT was delivered for B.Tech II year students on 29th April, 2023.



## STUDENT ACTIVITIES



**Industrial Visit by II Year Students at Twilight IT Solutions, Pondicherry on 13th June, 2023.**



**Field Visit by II YEAR STUDENTS at Weekly market, Madagadipet on 6th June, 2023.**

