



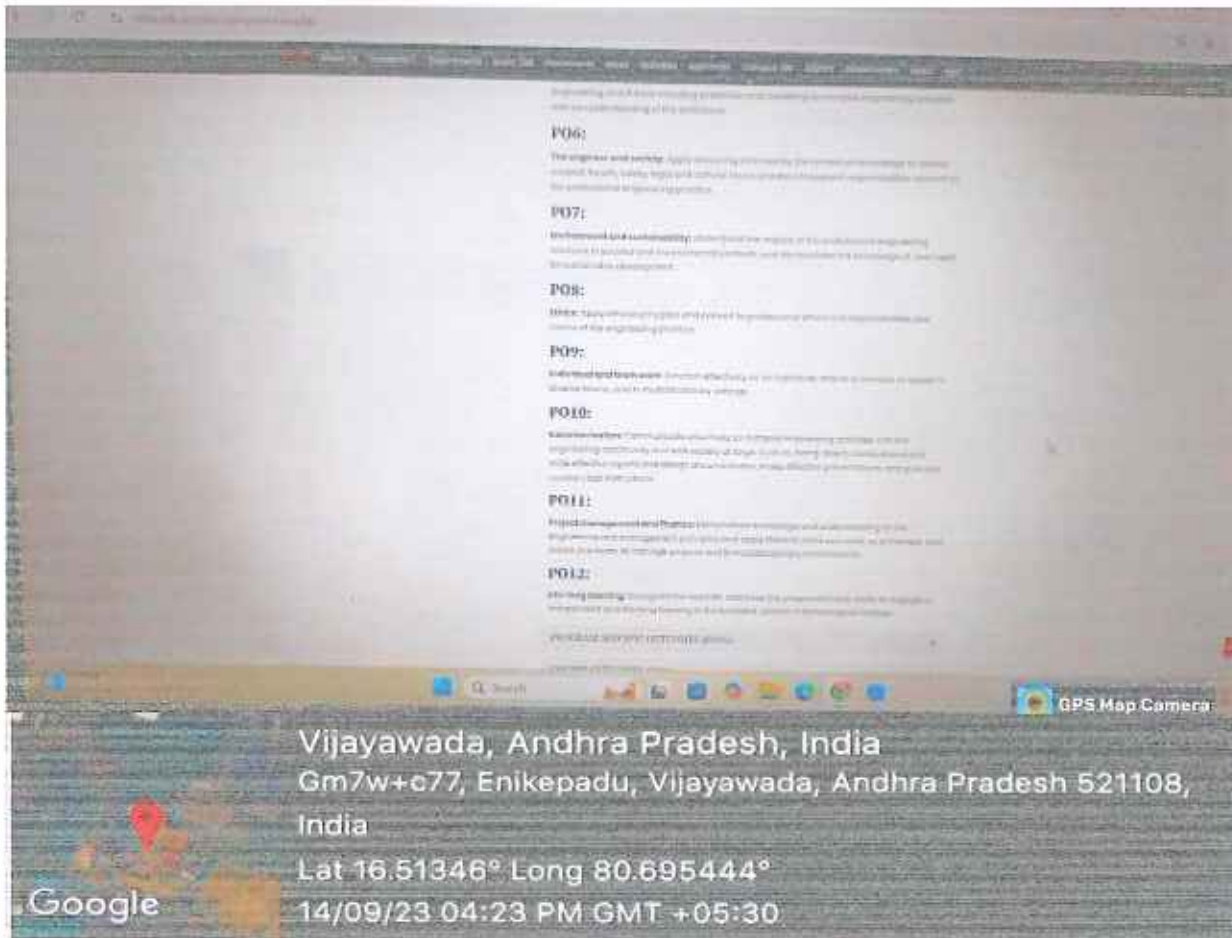
VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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College Code: NP, Enikepadu, Vijayawada-521108

Screen capture taken from S&E department website



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Screenshot taken from CSE Department website

The screenshot displays the website for the Department of CSE at Vijaya Institute of Technology for Women. The page includes a navigation menu, a list of department activities, and a section titled 'PROGRAM OBJECTIVES'. Below this, there are three specific objectives (PSO1, PSO2, PSO3) detailing the program's goals. A Google Maps overlay is visible at the bottom of the screenshot, showing the location of the institute in Enikepadu, Vijayawada, Andhra Pradesh, India. The map includes the Google logo and the text 'GPS Map Camera'.

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PO's Photo taken from CSE Department CSEFF-3



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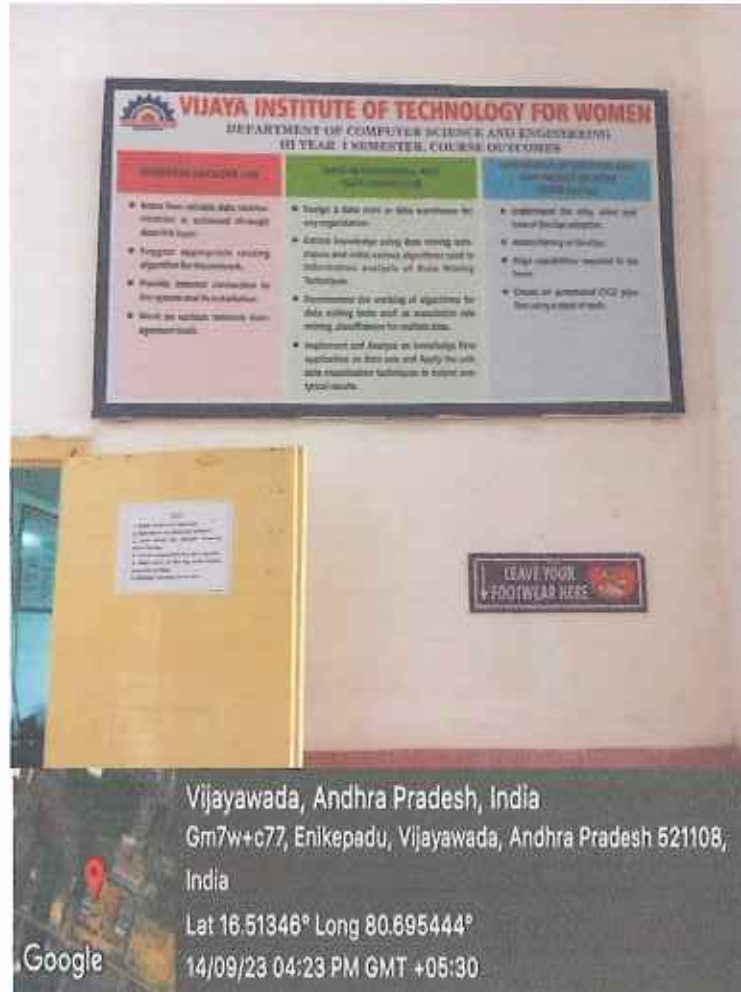
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CO's Photo taken from CSE Department CSE Lab-2



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Photo taken from CSE Department CSEFF-01

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Department of Computer Science & Engineering
PROGRAM SPECIFIC OUTCOMES

PSO1 : Train the students to use the core concepts of computing and optimization techniques to develop more efficient and effective computing mechanisms and make them experts in designing the computer software and hardware.

PSO2 : Training the students in cutting edge technologies such as Artificial Intelligence, Machine Learning, Cloud Computing and Data Analytics to meet the industry demand.

PSO3 : Hone up the skills of students to professional level to solve problems in the broad area of programming concepts and appraise environmental and social issues with ethics and manage different projects in interdisciplinary field.

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Screen capture taken from AIML Department website

The screenshot shows the website for the Department of Artificial Intelligence and Machine Learning at Vijaya Institute of Technology for Women. The header includes the institute's logo, name, and accreditation details. The main content area is titled 'DEPARTMENT OF AIML' and features a sidebar with navigation links and a main section titled 'About The Department' with descriptive text. A 'Contact' section is also visible. At the bottom, a Google Maps location pin is shown for Enikepadu, Vijayawada, with coordinates and a timestamp.

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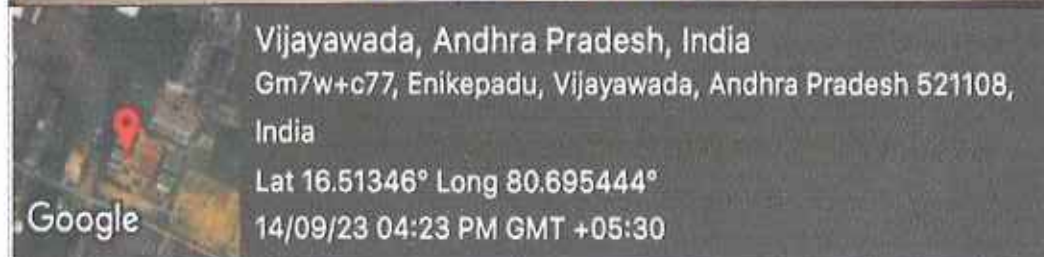
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Screen capture taken from AIML Department website



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Screen capture taken from AIML Department website

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DEPARTMENT OF AI

Program Outcomes as defined by NBA (PO) Engineering Graduates will be able to:

PO1:
Applying knowledge to solve problems in engineering, design, development, testing, and operation in various contexts.

PO2:
Identifying the need for a new system, product, process, or service and applying appropriate engineering design and development principles to meet the needs and expectations of the customer.

PO3:
Designing and developing a solution for complex engineering problems that require analysis and design for complex systems, taking into account public health, safety, and environmental considerations.

PO4:
Communicating effectively in the workplace and in the community, and being able to work as a team or leader in a project or organization.

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Screen capture taken from AIML Department website

PO5:
Master technology trends, select and apply appropriate technology for solving engineering and IT based problem situations and designing to enhance efficiency associated with an understanding of the technology.

PO6:
Use engineer and society: Apply knowledge influenced by the contextual knowledge to create innovative, timely, socially, highly innovative solutions and the development of innovative solution in the professional engineering practice.

PO7:
Development and Sustainability: Commitment to support of the professional engineering activities to sustain and enhance the quality of the products and the knowledge of the user for sustainable development.

PO8:
Ethics: Apply ethical principles and conduct to professional ethics and responsibilities and norms of the engineering practice.

PO9:
Individual and Teamwork: Function effectively as an individual and as a team member in diverse teams and in a multi-disciplinary setting.

PO10:
Communication: Communicate effectively in engineering practice, including the engineering community and with clients of organizations, such as, social, business, and other effective report and design documents, make effective presentations, and give and receive clear instructions.

PO11:
Project management and Finance: Demonstrate knowledge and understanding of the engineering and the associated principles that are to be used to plan, execute and monitor the project and to be able to manage risks and financial aspects of the project.

PO12:
Life-long learning: Acquire the ability to understand the need for continuous education and to be able to undertake learning in the discipline of their engineering practice.

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Screen capture taken from AIML Department website

The screenshot shows a web browser displaying the AIML Department website. The page has a blue header with the college name and address. A sidebar on the left lists various departments. The main content area features a red header for 'PROJECTS OF AIML DEPT.' followed by three project descriptions labeled PSO1, PSO2, and PSO3. At the bottom of the screenshot, there is a dark overlay with a Google Maps location pin and the following text:

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Photo taken from outside TF-14 AIML Faculty room

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Department of Artificial Intelligence & Machine Learning

VISION OF THE DEPARTMENT

Our vision is to cultivate a generation of highly skilled professionals in the fields of Artificial Intelligence and Machine Learning through the delivery of exceptional education and training. We aim to attain international recognition as a distinguished destination for excellence in AIML education and research. Our department is committed to advancing society in innovative and imaginative ways, harnessing the transformative power of AI and ML to shape a better and more technologically empowered future. By nurturing talent and pushing the boundaries of knowledge in these domains, we aspire to be at the forefront of global AI and ML leadership, making substantial contributions to both academia and industry.

MISSION OF THE DEPARTMENT

- **Rigorous Training and Knowledge Generation** : Our foremost mission is to provide rigorous training to our students, enabling them to not only grasp but also generate knowledge at the forefront of Artificial Intelligence and Machine Learning. We are committed to staying at the cutting edge of the field by consistently incorporating state-of-the-art concepts and technologies into our curriculum and research.
- **Cultivating Technical Proficiency and Leadership** : We aim to develop technical proficiency in our students by fostering creativity, critical thinking, and leadership skills. Our goal is to produce graduates who are not just well-versed in AI and ML but also have the ability to lead and innovate in these domains.
- **Promoting Lifelong Learning and Responsibility** : We instill a culture of lifelong learning in our students, emphasizing the importance of continuous self-improvement and adaptation to evolving technological landscapes. Additionally, we emphasize the values of social responsibility, environmental conservation, and professional ethics, preparing our graduates to be responsible and conscientious global citizens.
- **Establishing Centers of Excellence** : We are committed to establishing and maintaining centers of excellence in various areas of computer science and artificial intelligence disciplines. These centers will serve as hubs for cutting-edge research, innovation, and collaboration, furthering our contributions to academia, industry, and society at large.

GPS Map Camera

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Photo taken from outside TF-14 AIML Faculty room

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Department of Artificial Intelligence & Machine Learning

PROGRAM SPECIFIC OUTCOMES

- PSO1** : Exhibit advanced coding skills in languages like Python, R, or Java for algorithm implementation and Apply computer vision algorithms for image and video analysis, object detection, and recognition.
- PSO2** : Understand and integrate ethical considerations into AI development, addressing societal impact and bias. Demonstrate competence in preprocessing, cleaning, and analyzing large datasets.
- PSO2** : Design, implement, and optimize deep learning models, including neural networks and convolutional neural networks. Commit to ongoing learning and stay updated on the latest advancements in AI and ML.

GPS Map Camera

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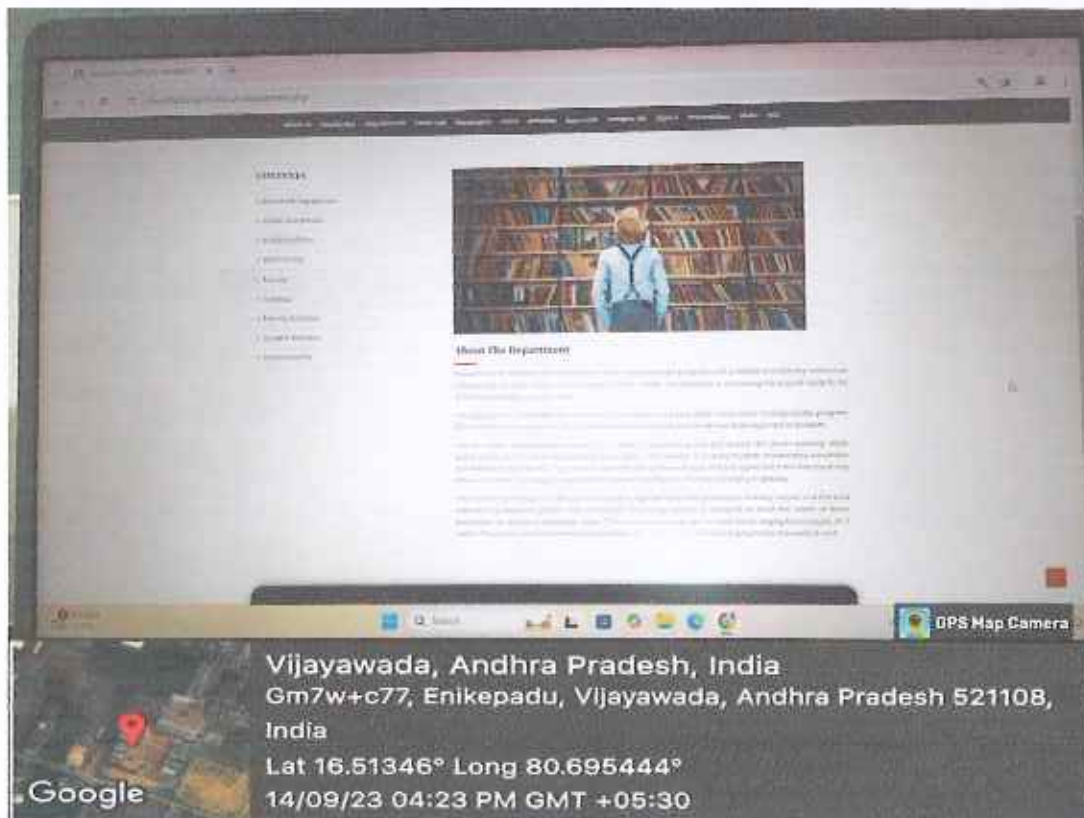
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DEPARTMENT OF INFORMATION TECHNOLOGY

Screen capture taken from IT Department website



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Screen capture taken from IT Department website

OUR VISION

OUR MISSION

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Screencapture taken from IT Department website

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DEPARTMENT OF IT

Program Outcomes as defined by NBA (PO)
Engineering Graduates will be able to:

PO1:
Engineering knowledge: apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.

PO2:
Design/development of solutions: formulate a design and development solution to design products, systems, components or processes that meet specified requirements and conditions for the operation, manufacturing and maintenance.

PO3:
Design/development of solutions: apply the design and development process to design products, systems, components or processes that meet specified requirements and conditions for the operation, manufacturing and maintenance.

PO4:
Design/development of solutions: apply the design and development process to design products, systems, components or processes that meet specified requirements and conditions for the operation, manufacturing and maintenance.

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Screen capture taken from IT Department website

PO5:
Students are capable of identifying and solving complex problems in the field of Information Technology using their knowledge and skills.

PO6:
The graduates will be able to apply their knowledge to design, develop and implement software systems that meet the requirements of the organization.

PO7:
Students will be able to identify and solve complex problems in the field of Information Technology using their knowledge and skills.

PO8:
Students will be able to identify and solve complex problems in the field of Information Technology using their knowledge and skills.

PO9:
Students will be able to identify and solve complex problems in the field of Information Technology using their knowledge and skills.

PO10:
Students will be able to identify and solve complex problems in the field of Information Technology using their knowledge and skills.

PO11:
Students will be able to identify and solve complex problems in the field of Information Technology using their knowledge and skills.

PO12:
Students will be able to identify and solve complex problems in the field of Information Technology using their knowledge and skills.

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