



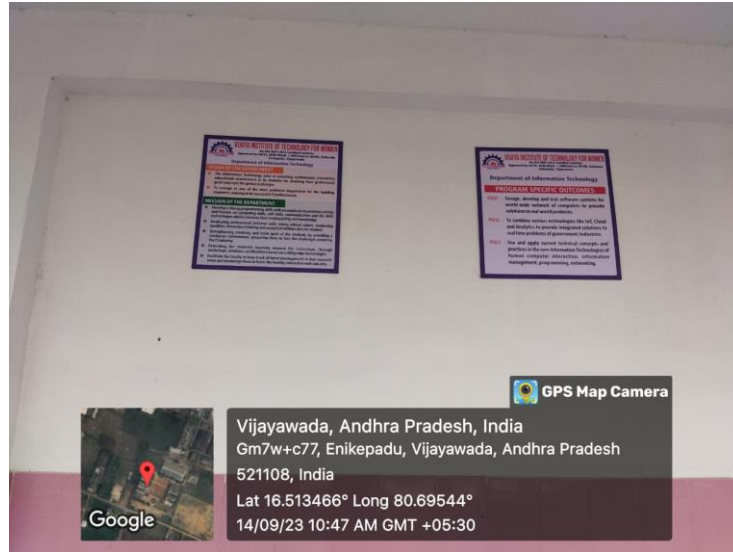
VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

An ISO 9001:2015 Certified Institute, Approved by AICTE, Affiliated to JNTU Kakinada, AP

Phone: 0866-2844444, Email: vijayatechfw@gmail.com Website: www.vitw.edu.in

College Code: NP, Enikepadu, Vijayawada-521108

DEPARTMENT OF FRESHWOMAN ENGINEERING





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Enikepadu, Vijayawada

Department of Freshwoman Engineering Department

Dos and Don'ts
ENGINEERING PHYSICS LAB

Dos

1. Students should maintain silence throughout the lab.
2. Every student should bring their calculators, pens, pencils, erasers, scales, graph books, observation and record. They should not borrow from others.
3. Performance, calculations, correction of the experiment should be done in the same lab session.
4. Students should handle the instruments with care and maintain utmost discipline in the lab.
5. Students should switch off the equipment immediately after completing the experiment.
6. Students should take the responsibility of the received apparatus till the submission of the apparatus to the lab assistant.
7. Breakage will be levied on those students who are responsible for any sort of damage to the equipment.

Don'ts

1. The records must not have any over writings and deviations.
2. There should not be any mismatch in date of conducting the experiment with the date of writing the record.
3. Do not use pen (use pencil) for circuit diagram, rough graph and outline of the table.
4. The columns in the table should not be filled with pencil (use pen).
5. There should not be any deviation in values noted in the record and observation book.
6. The circuit diagram, table, rough graph and main graph should not be on the right hand side (draw on left hand side) of the record.
7. In record no matter should be written after the result of the experiment.
8. Students should not hold their records unsigned and must be signed by concerned faculty within one week of the completion of the experiment.

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ENGINEERING PHYSICS LAB
(Common to All Branches of Engineering)

Course Outcomes :

- CO1 : Operate optical instruments like travelling microscope and spectrometer.
- CO2 : Estimate the wavelengths of different colours using diffraction grating.
- CO3 : Plot the intensity of the magnetic field of circular coil carrying current with distance.
- CO4 : Evaluate dielectric constant and magnetic susceptibility for dielectric and magnetic materials respectively.
- CO5 : Calculate the band gap of a given semiconductor.
- CO6 : Identify the type of semiconductor using Hall effect.

List of Experiments :

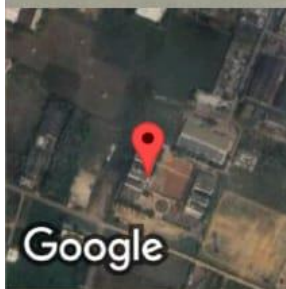
1. Determination of radius of curvature of a given Plano-convex lens by Newton's rings.
2. Determination of wavelengths of different spectral lines in mercury spectrum using diffraction grating in normal incidence configuration.
3. Verification of Brewster's law.
4. Determination of dielectric constant using charging and discharging method.
5. Study the variation of B versus H by magnetizing the magnetic material (B-H curve).
6. Determination of wavelengths of Laser light using diffraction grating.
7. Estimation of Planck's constant using photoelectric effect.
8. Determination of the resistivity of semiconductors by four probe methods.
9. Determination of energy gap of a semiconductor using p-n junction diode.
10. Magnetic field along the axis of a current carrying circular coil by Stewart Gee's Method.
11. Determination of Hall voltage and Hall coefficient of a given semiconductor using Hall effect.
12. Determination of temperature coefficients of a thermistor.
13. Determination of acceleration due to gravity and radius of Gyration by using a compound pendulum.
14. Determination of magnetic susceptibility by Kundt's tube method.
15. Determination of rigidity modulus of the material of the given wire using Torsional pendulum.
16. Sonometer: Verification of laws of stretched string.
17. Determination of young's modulus for the given material of wooden scale by non-uniform bending (or double cantilever) method.
18. Determination of Frequency of electrically maintained tuning fork by Melde's experiment.

Reference :

- A Textbook of Practical Physics - S. Balasubramanian, M.N. Srinivasan, S. Chand Publishers, 2017



GPS Map Camera



Google

Vijayawada, Andhra Pradesh, India

Gm7w+c77, Enikepadu, Vijayawada, Andhra Pradesh 521108,
India

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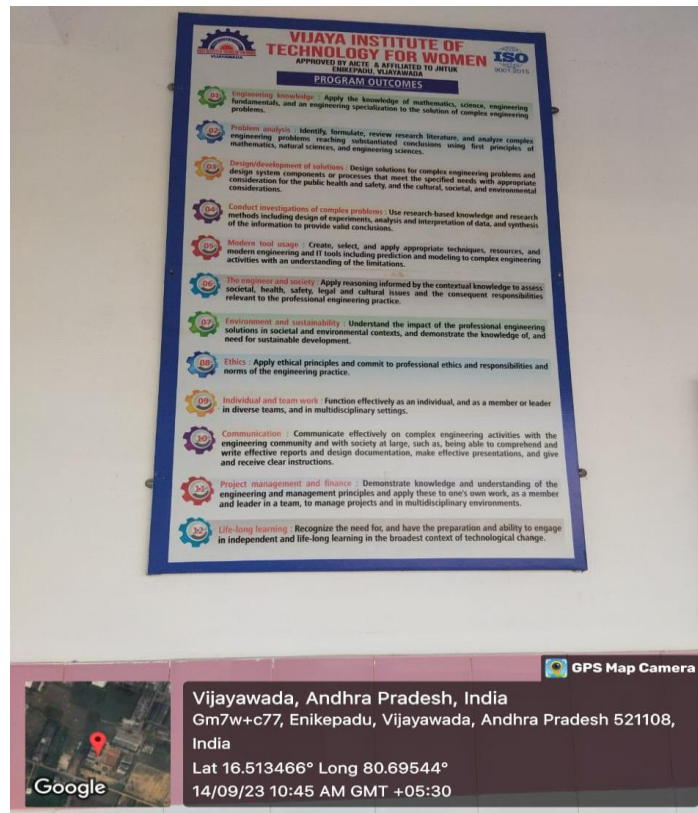
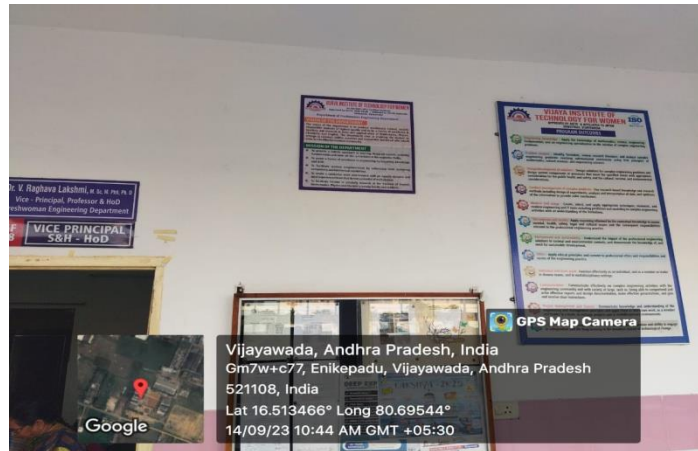


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Screen capture taken from CSE Department website

The screenshot shows a website interface for the Department of Computer Science and Engineering. It features a top navigation bar with links like Home, Academics, Departments, and more. A sidebar on the left lists various departmental links. The main content area includes a large image of a computer lab, a section titled 'OUR VISION' with a sub-header 'Creating knowledge of fundamental principles and innovative technologies through research and development in the field of computer science and applications in interdisciplinary areas', and a section titled 'OUR MISSION' with a list of five bullet points. A group photo of students is also visible. At the bottom, there is a Google Maps overlay showing the location in Vijayawada, Andhra Pradesh, India, with coordinates and a timestamp.

OUR VISION
Creating knowledge of fundamental principles and innovative technologies through research and development in the field of computer science and applications in interdisciplinary areas.

OUR MISSION

- To produce qualified and motivated graduates through a rigorous curriculum of theory and application that develops the ability to solve problems, individually and in teams.
- To become a Centre of excellence in engineering by imparting knowledge and skills.
- To contribute effectively to the regional, national, economic, to promote quality human resources in the education technology and related areas for sustainable development of the country & industry needs.
- To serve the local and the national community by leading innovations.
- Attract & retain students from the region to the Department of Computer Science and Engineering.

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About The Department

Engineering has taken leaps and bounds towards technology in the recent times. With plenty of innovations arising from around, the demand for engineering has drastically increased in the past few years. Recent analysis shows that the IT industries are creating opportunities for AI&ML, Data Science, Deep learning, Cloud computing and many such emerging technologies, so as to shape the future of many aspiring Computer professionals.

Computer Science and Engineering programme in our college is approved by AICTE and affiliated to JNTU-K. The University provides latest technologies used in the industry, thereby providing an opportunity for the students to learn and practice industry ready technologies and reducing the gap between academics and industry. We produce graduates who excel in computer science and engineering education with international standards for global employment and research. The programme focuses on equipping graduates with the skills to make their mark in the rapidly changing world of technology and build a successful career in the field of IT, ITES and other allied engineering fields.

The department has qualified and experienced faculty committed towards excellence and striving hard towards achievement of departmental and college objectives. The college has state of the art laboratories with high end configuration systems and all devices interconnected with high speed internet LAN connection.

The department has several MoUs with other reputed educational institutions and industries to impart industry ready technologies to students. It also has tie-up with APSSDC, APITA, VEE Technologies, COSTUCCO, ICT Academy and EduSkills.

Vijayawada, Andhra Pradesh, India
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Screenshot taken from CSE Department website

The screenshot displays the website for the CSE Department at Vijaya Institute of Technology for Women. The page includes a navigation menu with links such as Home, About Us, Academics, Departments, Exam Cell, Placements, MoUs, Activities, Approvals, Campus Life, Alumni, Stakeholders, NAAC, and NSS. A sidebar menu lists various departmental pages like About the Department, Vision and Mission, POs/PSOs/COs, HOD's Profile, Faculty, Syllabus, Faculty Activities, Student Activities, and Achievements. The main content area features a large image of a computer lab, followed by the 'OUR VISION' section with the text: 'Creating knowledge of fundamental principles and innovative technologies through research within the core areas of computer science and also in inter-disciplinary topics.' Below this is the 'OUR MISSION' section, which lists several objectives: producing qualified graduates, creating a center of excellence, contributing to national IT development, and serving the local and national community. A group photo of graduates in caps and gowns is also visible. At the bottom, a GPS Map Camera overlay shows the location in Vijayawada, Andhra Pradesh, India, with coordinates and a timestamp of 14/09/23 04:23 PM GMT +05:30.



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Screenshot taken from CSE Department website

The screenshot displays the website for the Department of CSE at VITW. The page features a navigation menu at the top with links for Home, About Us, Academics, Departments, Exam Cell, Placements, MoUs, Activities, Approvals, Campus Life, Alumni, Stakeholders, NAAC, and HSB. The main content area is titled 'DEPARTMENT OF CSE' and includes a sidebar with links to 'About the Department', 'Vision and Mission', 'POs/PSOs/COs', 'HOD's Profile', 'Faculty', 'Syllabus', 'Faculty Activities', 'Student Activities', and 'Achievements'. The main content area is titled 'PROGRAM OUTCOMES (POs):' and lists five program outcomes as defined by NBA (PO):

- PO1:** Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2:** Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3:** Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4:** Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5:** Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

The screenshot also includes a 'GPS Map Camera' overlay in the bottom right corner, which provides the following information:

- Location: Vijayawada, Andhra Pradesh, India
- Coordinates: Gm7w+c77, Enikepadu, Vijayawada, Andhra Pradesh 521108, India
- Latitude: Lat 16.51346°
- Longitude: Long 80.695444°
- Date and Time: 14/09/23 04:23 PM GMT +05:30



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Screen capture taken from CSE Department website

vitw.edu.in/pos-cos-psos-cse.php

Home About Us Academics Departments Exam Cell Placements MOUs Activities Approvals Campus Life Alumni Stakeholders NAAC NSS

engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

P06:
The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

P07:
Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

P08:
Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09:
Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P010:
Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

P011:
Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

P012:
Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs):

115
200

Humid Now

Search

GPS Map Camera

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Screencapture taken from CSE Department website

AP EAPCET/ECET
ICET/POLYCET
VITW

AP EAPCET/ECET
ICET/POLYCET
VITW

LIST OF STUDENTS PLACED IN THE YEAR 2023-24 AS ON TODAY (09-09-2023)

DEPARTMENT OF CSE

- About the Department
- Vision and Mission
- POs/PSOs/COs
- HOD's Profile
- Faculty
- Syllabus
- Faculty Activities
- Student Activities
- Achievements

PROGRAM OUTCOMES (POs):

PROGRAM SPECIFIC OUTCOMES (PSOs):

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 inter-disciplinary field.

COURSE OUTCOMES (COs):

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PO's Photo taken from CSE Department CSEFF-3





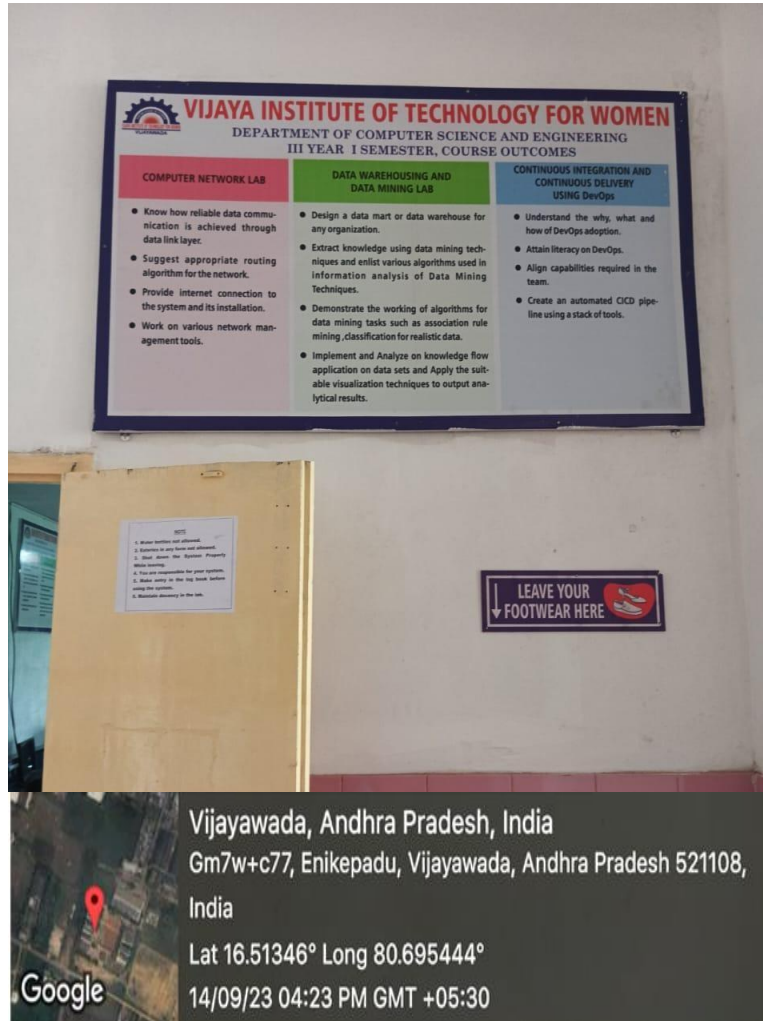
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CO's Photo taken from CSE Department CSE lab-2





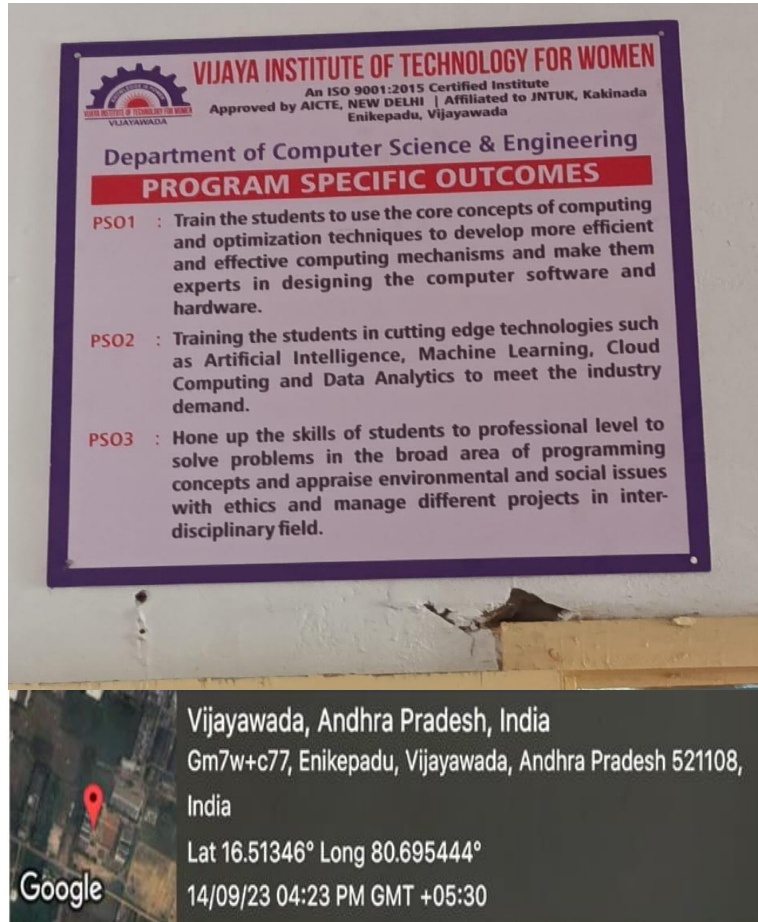
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Phototaken from CSE Department CSEFF-01





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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Screen capture taken from AIML Department website

WELCOME TO VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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Home About Us Academics Departments Exam Cell Placements MoUs Activities Approvals Campus Life Alumni Stakeholders NAAC NES

Latest News

DEPARTMENT OF AIML

- > About the Department
- > HOD's Profile
- > Vision and Mission
- > POI/PSOI/COs
- > Faculty
- > Student Activities
- > Achievements
- > Syllabus

About The Department

Welcome to the Department of Artificial Intelligence and Machine Learning (AIML) at Vijaya Institute of Technology for Women. We are committed to shaping the future through cutting-edge advancements in AI and machine learning. Our experienced faculty, state-of-the-art facilities, and emphasis on ethics ensure that students are equipped to drive innovation responsibly. From foundational education to advanced research opportunities, our AIML department provides a platform for students to thrive in the evolving landscape of technology.

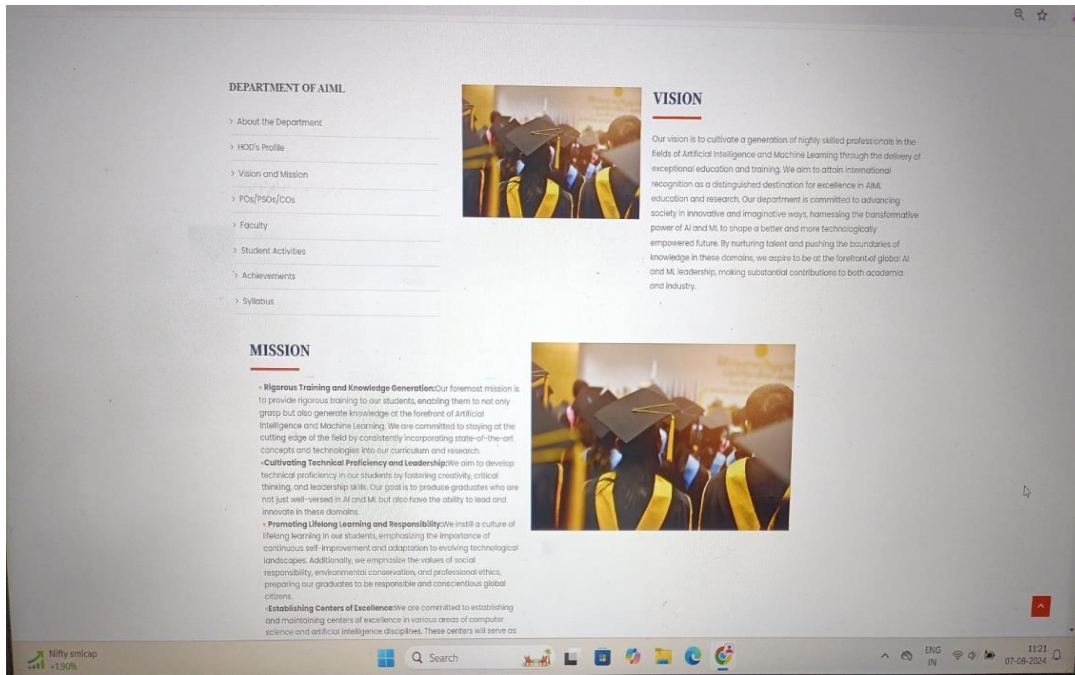
Explore our comprehensive programs, including a Bachelor's Degree in Artificial Intelligence and Machine Learning. With strong industry collaborations and a focus on hands-on learning, our students graduate well-prepared to tackle real-world challenges. Join us and be part of a community dedicated to pushing the boundaries of AI and machine learning, creating a positive impact on society.

Contact

Dr. Murali Kaligandam
Professor & HOD
Email: vaimldept@gmail.com

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Screenshot taken from AIML Department website



DEPARTMENT OF AIML

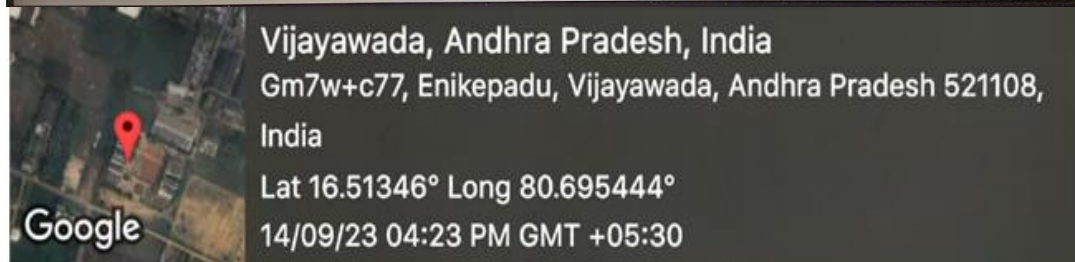
- About the Department
- HOD's Profile
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- Faculty
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- Syllabus

VISION

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

- 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



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Screen capture taken from AIML Department website

UG ARTIFICIAL INTELLIGENCE x +

vitw.edu.in/pos-cos-psos-aiml.php

Welcome to VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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KJETPOLYCEET
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Latest News

DEPARTMENT OF IT

- About the Department
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- Faculty
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- Achievements
- Syllabus

PROGRAM OUTCOMES (POs):

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 to the solution of complex engineering problems.

PO2:
Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3:
Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4:
Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Nifty smicap +1.30%

hp

GPS Map Camera

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Screen capture taken from AIML Department website

The screenshot displays a webpage with a navigation menu at the top: Home, About Us, Academics, Departments, Exam Cell, Placements, MoUs, Activities, Approvals, Campus Life, Alumni, Stakeholders, NAAC, NSS. The main content area lists 12 Program Outcomes (PO1-PO12) with their respective descriptions:

- PO5:** **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6:** **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7:** **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8:** **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9:** **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10:** **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11:** **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12:** **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

The browser's taskbar shows the Windows logo, a search bar, and several application icons. A Google Maps overlay is visible at the bottom, showing a satellite view of a location in Vijayawada, Andhra Pradesh, India, with the following details:

- Vijayawada, Andhra Pradesh, India
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Screen capture taken from AIML Department website

UG ARTIFICIAL INTELLIGENCE x +

vitw.edu.in/pos-cos-psos-aiml.php

VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN VIJAYAWADA

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Home About Us Academics Departments Exam Cell Placements MoUs Activities Approvals Campus Life Alumni Stakeholders NAAC NBS

Latest News

LIST OF STUDENTS PLACED IN THE YEAR 2022

DEPARTMENT OF IT

- About the Department
- HOD's Profile
- Vision and Mission
- POs/PSOs/COs
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- Student Activities
- Achievements
- Syllabus

PROGRAM OUTCOMES (POs):

PROGRAM SPECIFIC OUTCOMES (PSOs):

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.

PSO3:
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.

COURSE OUTCOMES (COs):

Contact
Dr Murali Kulpindri PhD
Professor & HOD

Phone Number
99666825359

Email Address
vitw.aimldept@gmail.com

GPS Map Camera

Vijayawada, Andhra Pradesh, India
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VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

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College Code: NP, Enikepadu, Vijayawada-521108

PhototakenfromoutsideTF-14AIMLFaculty room

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Enikepadu, Vijayawada

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.

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CO'S Photo taken from AIMLLAB

VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
III YEAR I SEMESTER, COURSE OUTCOMES

OPERATING SYSTEMS & COMPILER DESIGN LAB	MACHINE LEARNING LAB	CONTINUOUS INTEGRATION AND CONTINUOUS DELIVERY USING DEVOPS (Skill Oriented Course III)
<ul style="list-style-type: none">● Implement various scheduling, page replacement algorithms and algorithms related to deadlocks● Design programs for shared memory management and semaphores● Determine predictive parsing table for a CFG● Apply Lex and Yacc tools● Examine LR parser and generating SLR Parsing table	<ul style="list-style-type: none">● Implement procedures for the machine learning algorithms● Design and Develop Python programs for various Learning algorithms● Apply appropriate data sets to the Machine Learning algorithms● Develop Machine Learning algorithms to solve real world problems	<ul style="list-style-type: none">● Understand the why, what and how of DevOps adoption.● Attain literacy on Devops and Align capabilities required in the team.● Create an automated CI/CD pipeline using a stack of tools.

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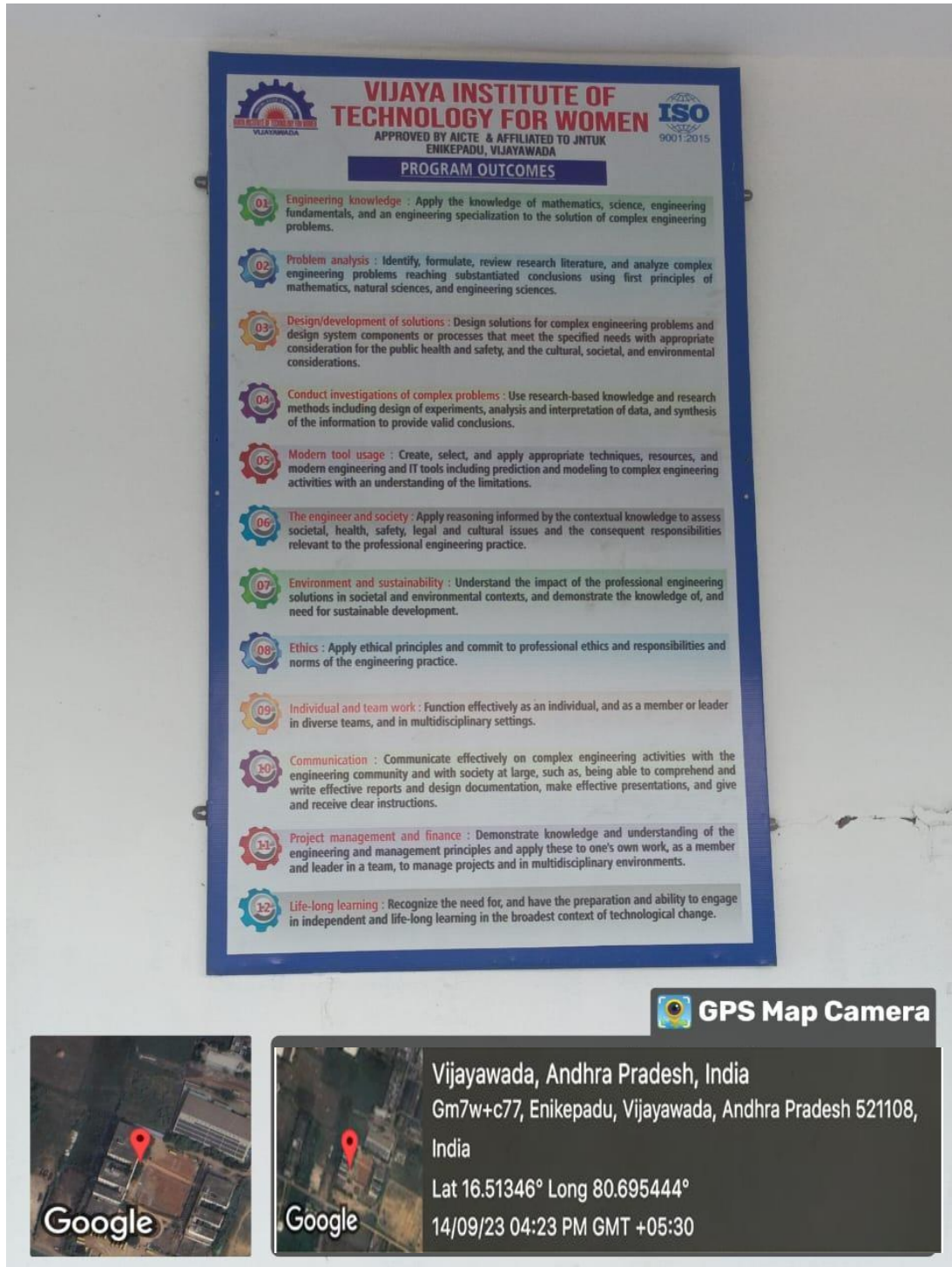
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Phototaken from outside TF-24 AIML-HOD room





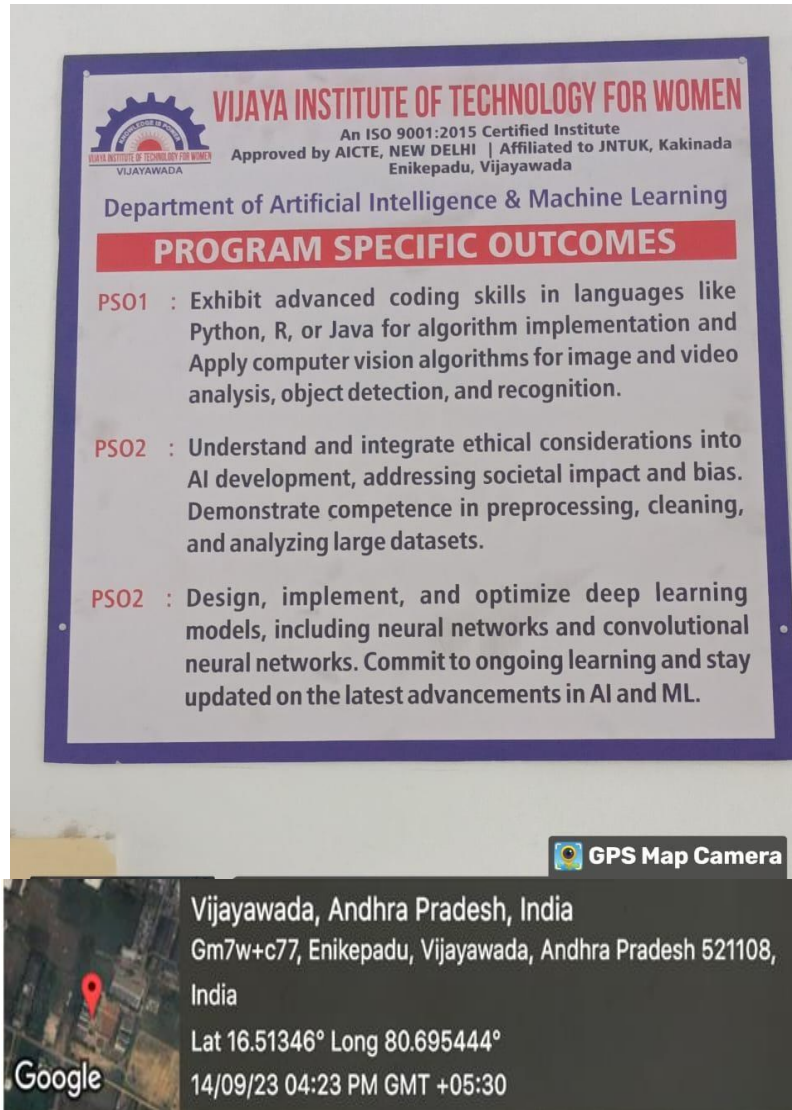
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Photo taken from outside TF-14 AIML Faculty room





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DEPARTMENT OF INFORMATION TECHNOLOGY

Screen capture taken from IT Department website

The screenshot displays the website for the Department of Information Technology at Vijaya Institute of Technology for Women. The page features a navigation menu at the top with links for Home, About Us, Academics, Departments, Exam Cell, Placements, MOs, Activities, Approvals, Campus Life, Alumni, Stakeholders, MAAC, and NSS. A 'CONTENTS' sidebar lists various sections such as 'About the Department', 'Vision and Mission', 'POs/PSOs/COs', 'HOD's Profile', 'Faculty', 'Syllabus', 'Faculty Activities', 'Student Activities', and 'Achievements'. The main content area is titled 'About The Department' and includes a photograph of a person standing in a library. Below the photo, there is a detailed description of the department's undergraduate program, its history since 2008, and its focus on providing a flexible and industry-relevant curriculum. The page also features a Google Maps overlay at the bottom, showing the location of the department in Vijayawada, Andhra Pradesh, India, with coordinates and a timestamp.

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Screen capture taken from IT Department website

Home About Us Academics Departments Exam Cell Placements MOU Activities Approvals Campus Life Alumni Stakeholders NAAC NSD

Home > Vision and Mission

Home > POs/PSOs/COs

Home > HOD's Profile

Home > Faculty

Home > Syllabus

Home > Faculty Activities

Home > Student Activities

Home > Achievements

OUR VISION

- The Information Technology aims at providing continuously stimulating educational environment to its students for attaining their professional goals and meet the global challenges.
- To emerge as one of the most preferred department for the budding engineers, aspiring to be successful IT professionals.

OUR MISSION

- Develop a strong programming skills with an emphasis on problem solving and focuses on computing skills, soft skills, communication and life skills technologies which enhances their employability and knowledge.
- Instilling professional behavior with strong ethical values, leadership qualities, innovative thinking and analytical abilities into the student.
- Strengthening credibility and team spirit of the students by providing a continuous development, preparing them to face the challenges posed by the IT industry.
- Extending the student's learning beyond the curriculum, through workshops, seminars, certification courses on cutting edge technologies.
- Facilitate the faculty to keep track of latest developments in their research areas and encourage them to foster the healthy interaction with industry.

Dynopix Games
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Screenshot taken from IT Department website

The screenshot displays the website of the IT Department at Vijaya Institute of Technology for Women. The page features a navigation menu with options like Home, About Us, Academics, Departments, Exam Cell, Placements, MOUs, Activities, Approvals, Campus Life, Alumni, Stakeholders, NAAC, and NSS. The main content area is titled 'DEPARTMENT OF IT' and includes a sidebar with links to 'About the Department', 'Vision and Mission', 'POs/PSOs/COs', 'HOD's Profile', 'Faculty', 'Syllabus', 'Faculty Activities', 'Student Activities', and 'Achievements'. The central text, under the heading 'PROGRAM OUTCOMES (POs)', states: 'Program Outcomes as defined by NBA (PO) Engineering Graduates will be able to:'. It lists four outcomes: PO1 (Engineering knowledge), PO2 (Problem analysis), PO3 (Design/development of solutions), and PO4 (Conduct investigations of complex problems). A Google Maps overlay at the bottom shows the location: Vijayawada, Andhra Pradesh, India, with coordinates Gm7w+c77, Enikepadu, Vijayawada, Andhra Pradesh 521108, India, and a timestamp of 14/09/23 04:23 PM GMT +05:30.



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Screen capture taken from IT Department website

PO5:
Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6:
The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7:
Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for, sustainable development.

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

PO9:
Individual and team work: Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10:
Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11:
Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12:
Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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