



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Programme: Artificial Intelligence & Machine Learning

Vision & Mission

The screenshot shows the website's header with the Aditya Engineering College logo and navigation links. The main banner features the text "Makes our World Smaller & our Future Brighter" and "COMPUTER SCIENCE ENGINEERING AI & ML". Below this, the "Department of Artificial Intelligence & Machine Learning" is highlighted. The "Our Vision" section states: "To achieve excellence in the field of AIML and nurture the professionals, to build sustainable and intellectual solutions with natural intelligence that meets the beneficiary of industry and society". A "Quick Links" sidebar on the right lists: About, Our Vision (selected), Our Mission, Programmes offered, PO, PSO, PEO, and Advanced Learners and Slow Learners. At the bottom, there is an "APPLY FOR ADMISSIONS" button and a "Join Today" link.

Vision

This screenshot is similar to the previous one but highlights the "Our Vision" section. The "Quick Links" sidebar remains on the right. The "Our Vision" text is repeated: "To achieve excellence in the field of AIML and nurture the professionals, to build sustainable and intellectual solutions with natural intelligence that meets the beneficiary of industry and society".

Mission

This screenshot highlights the "Our Mission" section. The "Quick Links" sidebar remains on the right. The "Our Mission" text is repeated: "To achieve excellence in the field of AIML and nurture the professionals, to build sustainable and intellectual solutions with natural intelligence that meets the beneficiary of industry and society".

Signature

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Program Outcomes (POs)

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aeec.edu.in/?p=AIML#tab10

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Department of Artificial Intelligence & Machine Learning

PROGRAM OUTCOMES

PO 1:
Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

PO 2:
Identify, formulate, research literature and analyze complex engineering problems, reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.

PO 3:
Design solutions for complex engineering problems and design systems, components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations

PO 4:
Conduct investigations of complex problems using research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions.

PO 5:
Create, select and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to complex engineering activities, with an understanding of the limitations.

Quick Links

- » About
- » Our Vision
- » Our Mission
- » Programmes offered
- » PO
- » PSO
- » PEO
- » Advanced Learners and Slow Learners

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PO 6:
Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.

PO 7:
Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of, and need for sustainable development.

PO 8:
Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

PO 9:
Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.

PO 10:
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

PO 11:
Demonstrate knowledge and understanding of engineering management principles and apply these to one's own work, as a member and leader in a team and to manage projects in multidisciplinary environments

PO 12:
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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Program Specific Outcomes (PSOs)

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Makes our World Smaller & our Future Brighter
COMPUTER SCIENCE ENGINEERING
AI & ML

Department of Artificial Intelligence & Machine Learning

PROGRAM SPECIFIC OUTCOMES

PSO 1:
Apply the core concepts of computational and optimized algorithms to produce efficient and effective solutions

PSO 2:
Apply the technical and research capability skills in AIML using innovative tools and techniques to provide solutions in the areas of engineering, industry and society to become successful graduate/entrepreneur.

Quick Links

- About
- Our Vision
- Our Mission
- Programmes offered
- PG
- PSO**
- PEO
- Advanced Learners and Slow

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Program Educational Objectives (PEOs)

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COMPUTER SCIENCE ENGINEERING
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Department of Artificial Intelligence & Machine Learning

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1:
Apply core concepts, software engineering and AIML principles to solve complex computing problems and produce optimized solutions.

PEO 2:
Pursue higher education and research activities through innovative ideas and latest technology-driven projects in the domain of AIML.

PEO 3:
Work in a collaborative environment and also lead the team by understanding the ethical, societal and financial impact of their work.

Quick Links

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