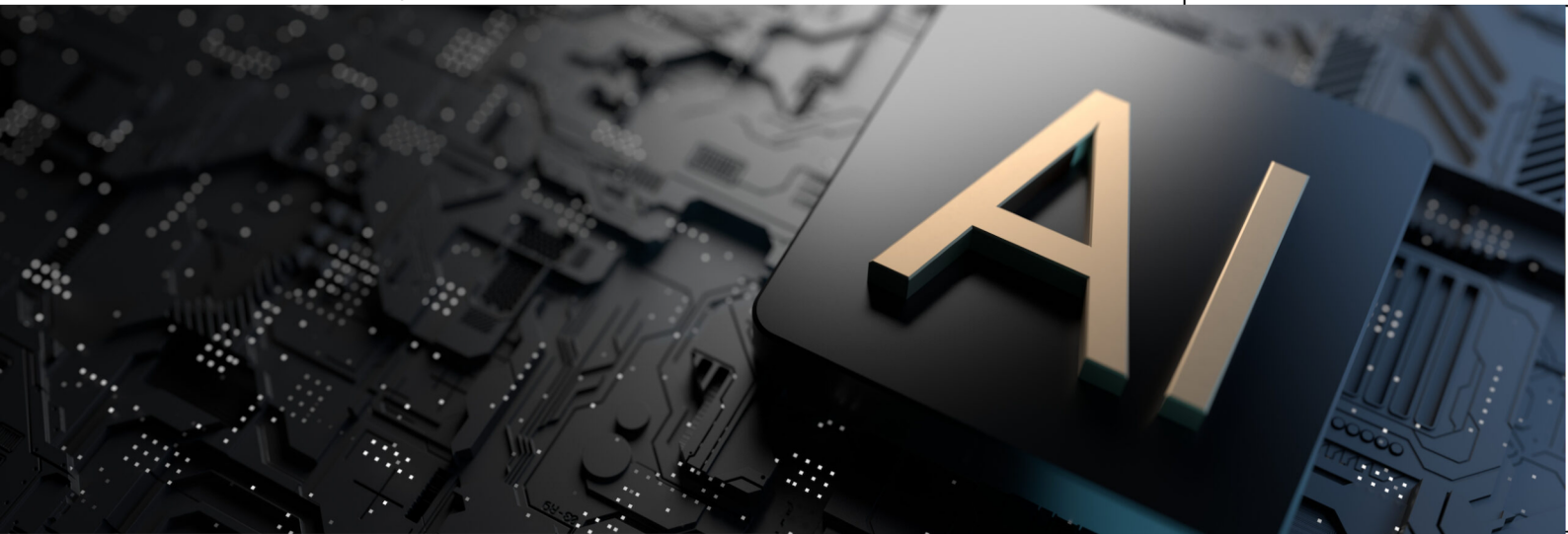**ADITYA**

DEPARTMENT OF
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
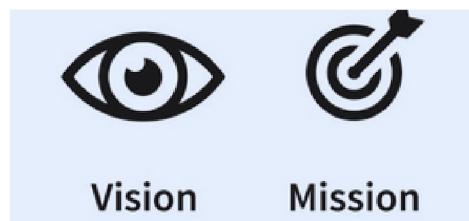# & DATA SCIENCE

ADITYA ENGINEERING COLLEGE(A)

APPROVED BY AICTE,PERMANTELY AFFILIATED TO JNTUK.

Accredited by NBA & NAAC 'A++' Grade Recognized by UGC under section
2(f) and 12(b) of UGC Act,1956 Aditya Nagar ,ABD Road ,Surampalem 533437.

About The Department:

Vision   Mission

Welcome to the Issue-2 of our department AIML & DS at AEC! In just two short years, AIML & DS has achieved incredible milestones, both academically and in sports. AI, or Artificial Intelligence, is the science of making computers smart, enabling them to think, learn, and solve problems. AIML & DS is a trailblazer, setting benchmarks for both academics and sports. Its commitment to innovation and relentless pursuit of knowledge places it at the forefront of academic success. AIML & DS consistently outshines other departments in semester results, thanks to the exceptional talent of students and faculty.

Beyond academics, AIML & DS excels in sports, with athletes demonstrating prowess and leading to inspiring victories. AIML & DS is not just a department; it's a family of ambitious individuals shaping the future of AI and machine learning. Together, they aim to set new standards, push boundaries, and make history.

VISION:
To become a recognised centre of excellence in the field of Aiml that fulfil the needs of industry and society.
MISSION :
Impart the knowledge through state-of-the-art-concepts ,tools and techniques in artificial intelligence.
Promote technical competence by collaborating with industries to provide solutions for future challenges.
Inculcate ethics, environmental and society consciousness for social responsibility .
Build leadership and life-long learning skills to ensure the holistic development of stakeholder

Contents :

ADYA

ARTIFICIAL INTELLIGENCE   **DATA ANALYTICS**   **YOUNG**   **ASPIRANTS**

ADYA, short for "Artificial Intelligence and Data Analytics Young Aspirants," is a vibrant club housed within the AIML & DS Department, thoughtfully founded by Dr. S. Ramasree, the Dean of Academics. It boasts a diverse range of activities, catering to the multifaceted interests and talents of AIML & DS Students. This dynamic hub stimulates intellectual growth with activities such as Just-A-Minute (JAM) sessions and thought-provoking paper presentations, while also fostering competitiveness through coding tests and quizzes. ADYA believes in a holistic approach, venturing into fine arts and photography to nurture creativity and well-rounded learning. Beyond its activities, ADYA is an ecosystem that unites aspiring technocrats, providing networking opportunities and connections with premier disciplines in the ever-evolving fields of AI and Data Science.
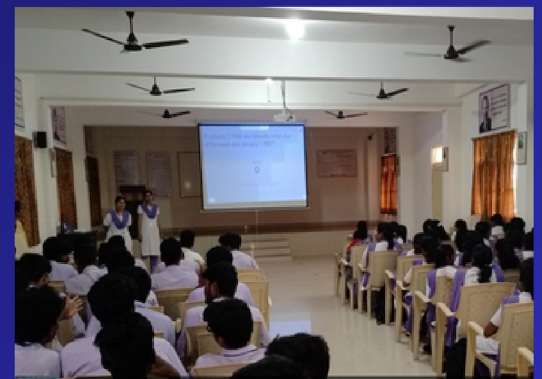
WEEK -1

Hosted by K. Sravani and A. Kavyasri, the event featured tricky questions testing critical thinking and creativity, along with a captivating storytelling session on Arunima Sinha's inspiring journey. The Fortune Box game sparked interactive engagement, while presentations showcased practical applications of prompt engineering. Menti quizzes and digital arts contests offered avenues for both knowledge testing and creative expression and stand-up comedy provided a refreshing break with its lighthearted humor.

WEEK -2

Hosted by K.Sravani and A.Kavyasri, the event included the Fortune Box game, where students from AIML and DS sections participated, leveraging their programming skills to select hidden prizes. Presentations showcased practical applications of prompt engineering, featuring live demos. Engaging debates enhanced students' communication skills, confidence in speech.

WEEK -3

Hosted by K.V.N.Sravani and A.Kavya Sri Lakshmi, the event featured a Technical Quiz session, stirring excitement and fostering student interest through aptitude and reasoning challenges. Technical Riddles sparked creative and critical thinking, pushing participants to find clever solutions. Debates organized structured arguments, allowing participants to explore opposing sides and hone persuasion skills.

FACULTY ACHIEVEMENTS

Dr. Maganti Venkatesh, an esteemed scholar in the field of computer science, has made significant contributions to the academic community through his research and publications. One of his notable works includes the book entitled "Data Structures and Algorithms," published by Indo-Continental Academic Publishers.His involvement in Faculty Development Programs and NPTEL showcases his dedication to knowledge dissemination. Through these efforts, he shares expertise, fostering a deeper understanding of computer science principles. His contributions inspire and enrich the academic community.

Dr. R. Suneetha, an Associate Professor at Aditya Engineering College, has been appointed as the Nodal Officer for the National Research Centre on Drugs and Organized Crime (NARCOD) since September 23, 2023.She had attended an International Conference on "Algorithms and Computational Theory for Engineering Applications" in Aditya Engineering College and published paper entitled "Categorizing Skin Disorders by using CNN to Diagnose five Prevalent Skin Disease from Skin Images" and She also attended Conference ICMEET 2023 in Aditya Engineering college.

Ms. K. Siva Pavani, an Assistant Professor in AIML, excels in medical diagnostics with her paper, "Cancer Detection with Ensemble Learning Model from Novel Precedence-based Algorithms." Her groundbreaking research blends machine learning and healthcare, focusing on cancer detection. Pavani's emphasis on unique precedence-based algorithms enhances predictive performance. By integrating novel algorithms, she advances medical data processing for cancer diagnosis. Pavani's work signifies a crucial fusion of AI and healthcare, promising improved diagnostic capabilities, particularly in early cancer detection, with potential impacts on patient outcomes. Her contributions mark a significant stride in utilizing technology for medical diagnostics.

STUDENT ACHIEVEMENTS

Chintha Kameswara Lakshmi Kousalya stood out with great skillset by obtaining certifications on different technologies on different kinds of platforms .she had gained knowledge and had done certifications on Database Management System, C Programming, Fundamentals on AI and Data skills. By doing these certifications she gained great knowledge over different kinds of technologies in various domains. This makes her versatality in learning new technologies and make herself to be a great learner.

Kunapareddi Sai Venkata Sri Sahithi had stood out with a great skillset by obtaining great skills and had done certifications on Android Fundamentals, java programming,Hacker rank certification on python. She had achieved a great milestone on solving 220+ programs on leetcode which proves her consistency and interest on solving different kinds of problems in various programming languages. This proves her interest and curiosity in learning diffrent kinds of technologies in todays technology landscape.

Karnataka Venkata Naga Sravani stands out with a diverse skill set, having achieved expertise in Red Hat Administration I, Red Hat Administration II, NDG Linux, Red Hat Python, and Oracle Academy Java certifications. This demonstrates her comprehensive proficiency in Linux system administration, Python programming, and Java development, making her a versatile and accomplished professional in the technology landscape.

Bathi Sai Akhil Kumar stands out with a great skill set,having expertised in various skills in various domains with his self intrest and hardwork.He had certifications on Cybersecurity IAM developer from TCS,Redhat python,HTML And CSS,Python from Pearson,Javascript from Cisco,C,Python from Cisco Netacad,Introduction to Datascience and Cybersecurity from Cisco,NDG Linux From Cisco Netacad,Java and R from Infosys Springboard and many other.By these certifications,He had learned various technologies and various skills in different domains. All these skills will make him a better student to acheive his goals.

Penke Jhansi stands out with a great skillset. She had obtained great skills by doing certifications on great technologies like AI with python course, Android Application Development, Data Science Foundations, Basics of Exploratory Data Analysis, AI with python projects in different kinds of platforms like great learning, skill forge, Infosys springboard. This demonstrates her comprehensive proficiency in Android Application development, Data Analysis, AI with Python, Data Analytics. By learning these skills She will become versatile in this professional and technology landscape.

Siram Naga Tejaswi stood out with a diverse skill set,by doing certifications on diffrent kinds of technologies in various domains.She had completed certifications on Basics of python from infosys springboard,Basic java,python from Hackerrank, Introduction To Deep Learning from great learning,introduction to machine learning from great learning,java11 essentials from infosys springboard and Introduction to Artificial Intelligence in simple learn .By obtaining these skills she will get a great skillset and make her versatile in this technological world.

Pantham Veera Venkata Durga Prasad stands out with a great skillset by learning various skills in various platforms in different domains.He had done certifications on Exploratory Data Analysis for Machine Learning from IBM, Introduction to Artificial Intelligence from Infosys Springboard,Supervised Machine Learning: Regression from IBM,Java 11 Essentials from Infosys Springboard,Database Management System from Great Learning and Introduction to R programming in Infosys Springboard.By doing these certifications He had learned great skills and make his own identity in this technological world.

Singineedi Adilakshmi Bhavani Sanjana had stood out with diverse skill set by doing different kinds of certifications on different technologies and also she had solve 220+ problems in Leetcode which shows her consistency and curiosity towards her work.she had done certifications on Android Fundamentals, java 11 essential from Infosys Springboard,python from Hackerrank and she also attended the meta verse workshop and got the certificate.By doing all these things she had learned various skills and made her mark versatile in this technological world.