INFORMATION TECHNOLOGY

ADITYA ENGINEERING COLLEGE (A)
APPROVED BY AICTE, PERMANENTLY AFFILIATED TO JNTUK,
ACCREDITED BY NBA &NAAC with 'A++' GRADE Recognized by UGC under section 2(f)
and 12(B) of UGC Act, 1956 Aditya Nagar, ADB Road, Surampalem 533437, Kakinada Dist.

CONTENTS

ABOUT IT DEPARTMENT

Aditya Engineering College established the Department of Information Technology (IT) in 2001 with an initial intake of 60 students. A Post graduate program (M. Tech) in Software Engineering was introduced in 2008-09 with an intake of 18 seats. Both the B. Tech and M. Tech programs were duly approved by the AICTE and Govt. of A.P. and affiliated to JNTUK. The department has the professional association with ISTE and CSI. The skilled faculty members with high qualification are dynamic in teaching, research consultancy programs. The department strives to upgrade the knowledge of faculty and students by organizing various Workshops, Industry-Institute Interactions, Continuous Improvement Programs, Seminars and Research activities by inviting eminent personalities from Industry and academic Institutions. Students are provided internship programs in various IT industries to impart value based education in innovative research and leadership aspects.

VISION OF THE DEPARTMENT

To emerge as a premier department with quality of education, technical competency and innovations.

MISSION OF THE DEPARTMENT

MISSION 1:

Provide an academic environment with quality infrastructure for solving real world problems and work in multi-disciplinary teams.

MISSION 2:

Impart value-based education in innovative research and leadership aspects.

MISSION 3:

Collaborate with the industry and academic towards addressing the evolving changes in Information Technology and related areas.

FACULTY PUBLICATIONS

The following faculty published papers in Journals/ International Conferences:

- Dr.M.V. Rajesh,A.Lakshmanarao, "IOT based smart system for garbage detection and separation", IEEE Silchar Subsection Conference(IEEE SILCON 2023), Silchar, 3-5 November 2023.
- A. Lakshmanarao, "An Efficient Medical Cost Prediction System with Machine Learning and Deep Learning Model", International Conference on Advances in Electrical, Electronics and Computational Intelligence, K.S.R. College of Engineering, Tiruchengode, 19- 20 October 2023.
- Dr.M.Vamsi Krishna, "Crop yield prediction in India based on mayfly optimization empowered attention-bi-directional long short-term memory (LSTM)",Multimedia Tools and Applications ,Sep 2023.
- A.Lakshmanarao,P.Pattabhirama Mohan, "Cancer Detection with Ensemble Learning Model from Novel Precedence based Algorithms", 6th International Conference on Contemporary Computing and Informatics, Amity University, Greater Nodia,14- 16 September 2023.
- Dr.M.Vamsi Krishna,P Siva Satya Prasad, "Exploring Techniques for detecting insider threats: A comprehensive review", 9th International Conference on Computers, Management & Mathematical Sciences, North Eastern Regional Institute of Science and Technology, Arunachal Pradesh, 24-25 Aug 2023.
- Dr.M. Vamsi Krishna, "Big data analytics with wild horse optimizer based deep learning model for healthcare management", 5th International Conference on Inventive Research in Computing Applications, RVS College of Engineering and Technology, Coimbatore, 3-5 Aug 2023.
- Dr.M.Vamsi Krishna,"IoT Based Smart Medical Data Security System",Intelligent Computing and Networking", IC-ICN 2023. Lecture Notes in Networks and Systems, vol 699. Springer.

FACULTY ACTIVITIES
FACULTY AS RESOURCE PERSON

Mr.M. Raja Babu,Associate Professor delivered a guest lecture on "Java Programming" on 20-11-2023 at Avanthi Instutute of Engineering and Technology, Tagarapuvalasa, Vizianagaram.

Mr.A.Lakshmanarao,Associate Professor delivered a guest lecture on "Machine Learning" on 17-11-2023 at Avanthi Instutute of Engineering and Technology, Tagarapuvalasa, Vizianagaram.

STUDENT ACTIVITIES

CODE CARNIVAL CODING CHALLENGE

Code Carnival 2k23 Challenge was organized by the Department of Information Technology in association with CSI and ISTE on 30th September 2023 and 4th November 2023. The challenge has 3 rounds. Round 1 kicks off with easy-level challenges, requiring solutions for two problem statements. Round 2 escalates the difficulty with medium-level tasks, followed by Round 3's pinnacle hard-level challenge. The winner in September 2023 challenge is Reddi Deekshith(22A91A05F4) and the winner in November 2023 challenge is Ravikanth Sharma(21A91A0537).

TRAINING PROGRAM ON GAME DESIGN USING BUIDBOX

A Five day hands on training program on "Gaming Design Using BuildBox" has been organised by the Department of IT during 3-10-23 to 7-10-23.

SEMINAR ON TECHNOLOGY TRENDS AND CAREER GUIDELINES

A seminar on "Tehnology Trends and Career Guidelines" has been organised by the Department of IT on 11-10-2023.

FRESHERS PARTY 2023

Department of IT organized Freshers day celebrations on 14-10-2023.

STUDENT ACHIEVEMENTS

PLACEMENTS

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