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INFORMATION TECHNOLOGY



ADITYA ENGINEERING COLLEGE (A)

APPROVED BY AICTE, NEW DELHI AND AFFILIATED TO JNTU KAKINADA

ABOUT IT DEPARTMENT

Established as one of the major departments of the Institute, the Department of Information Technology at Aditya strives to produce highly competent engineers equipped with advanced professional knowledge, entrepreneurial thinking, professional and ethical attitude, critical problem solving and analytical skills through effective teaching learning process, research and industrial collaboration.

The faculty of the department, a rich blend with academic and industrial experience, have been constantly carrying out research on many cutting-edge technologies with regular publications in ELSEVIER and other top international journals. The academic quality of the department is reflected by the laurels won by the students and the distinguished positions in industry and academia occupied by alumni.

The department strives to upgrade the knowledge of faculty and students by organizing various Workshops, Industry-Institute Interactions. Continuous Improvement Programs inviting eminent personalities from Industry and academic Institutions, Seminars and Research activities. Students are provided internship programs in various power IT industries like DXC, TCS,

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

S.No	Author	Title of the research paper	Name of the journal conference	Year of Publication
1	M.Raja Babu	A sophisticated semantic analysis framework using an intelligent tweety data clustering and classification methodologies.	Micro Processors and micro systems,Elsevier	2023
2	Dr.M.V.Rajesh	Automated dustbin with smart level and route detection using IOT	International Journal of Novel Research and Development	2023
3	Dr.M.V.Rajesh	IoT Based Garbage Type Detection and Segregation	International Journal of Research Publication and Reviews	2023
4	S.Sushma	IOT Based Railway Track Crack Detection and Alert System	Dogo Rangsang Research Journal	2023
5	A.K.Chakravarthy	Intelligent Product Recommendation System Using Machine Learning	International Journal of Novel Research and Development	2023
6	M. RajaBabu	Toxic Comments Classification in Social Networking Sites	International Journal of Research Publication and Reviews	2023

7	S.Neelima	Object Detection in Autonomous Vehicles Using Deep Learning	International Journal of Research Publication and Reviews	2023
8	M. RajaBabu	Speech Based Emotion Recognition Using Machine Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2023
9	V. Bramaramba	Efficient Way of Detecting Pneumonia	International Journal of Management, Technology and Engineering	2023
10	P. Siva Satya Prasad	IOT Prison Monitoring System	Dogo Rangsang Research Journal	2023
11	S. Sushma	Density based smart traffic control system using canny edge detection algorithm along with object detection	The International journal of analytical and experimental modal analysis	2023
12	A.Lakshmanarao	An Efficient IOT Based Night Patrolling Robot for Women's Safety	Dogo Rangsang Research Journal	2023
13	G.Srinivas	Pothole Detection Using Deep Learning	The International journal of analytical and experimental modal analysis	2023
14	S.Neelima	Students Live Behavior Monitoring in Online Classes	Dogo Rangsang Research Journal	2023

15	G.Srinivas	Sign Language Recognition	International Journal of Novel Research and Development	2023
16	Dr.B.Srinivas	Android malware detection using Genetic Algorithm based Optimized Feature Selection and Machine Learning	International Journal of Novel Research and Development	2023
17	Dr.M. Vamsi Krishna	Use Of Machine Learning Algorithms For Effective Prediction of Cardiovascular Diseases	The International journal of analytical and experimental modal analysis	2023
18	P. Siva Satya Prasad	Image Denoising using CNN in Deep Learning	The International journal of analytical and experimental modal analysis	2023
19	Dr.M. Vamsi Krishna	Driver drowsiness detection using machine learning	The International journal of analytical and experimental modal analysis	2023
20	P.Surendra	IOT based Smart Parking and Traffic System	International Journal of Novel Research and Development	2023

Student Activities



Industrial visit organized by Aditya Engineering College, for the students of "Information Technology [4th SEM] on 27th april,2023 to miracle software systems located in Visakhapatnam, in order to get the practical knowledge about **“trending technologies in IT industry”**. The visit was organized by HOD of Information Technology branch Prof. M. V. Rajesh Asst.prof. S. Sushma & Asst. prof. A. K. Chakravarthi were the co-ordinators faculty for the industrial visit.



Placements

Aditya Engineering College, has achieved great success in placements this year. A total "110 placements of 51 students from Information Technology (IT) branch were placed in 19 companies" like **"MuSigma, ZopSmart, Maersk, ADP. ZF India, Jio Platforms, Extramarks, Apps Associate, Acmegrage, Ren Labs, Kyndryl, iQuadra, Legato Health Technologies, DXC Technology, Hexaware Technologies, Value Momentum, TCS Digital/Ninja, Acuvate and Technical Hub"**, indicating a high level of interest in the college's IT graduates. The college's placement cell worked tirelessly to secure these opportunities for its students, who have been trained to meet the needs of the industry. The placements are a testament to the quality of education provided by Aditya Engineering College, which has a strong reputation for producing skilled and capable IT professionals. The students who were placed in these companies can look forward to rewarding careers in their respective fields.



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