

ADITYA

COLLEGE OF ENGINEERING & TECHNOLOGY

Permanently Affiliated to JNTUK, Kakinada • Approved by AICTE, New Delhi • Accredited by NAAC
Recognized by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Ph: (+91 884) 2326212, (+91) 99591 76665, Email: office@acet.ac.in, Website: www.acet.ac.in

7.3 INSTITUTIONAL DISTINCTIVENESS

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PRINCIPAL

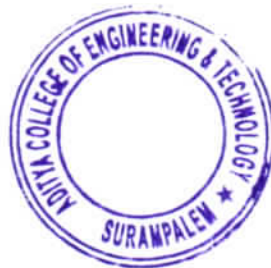
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Aditya College of
Engineering & Technology
SURAMPALEM- 533 437





1. Makers' Zone

The Makers Zone of Aditya college of Engineering & Technology is established with a vision to enhance and leverage the innovation skills in multidisciplinary aspects of Engineering as well work collaboratively with harmony to invent, innovate and develop technologies that facilitate the society. From the time of inception of the clubs worked with zeal to reach technocrats motivating, inspiring and imbibing the knowledge of present and future technology, Especially, Robotics and Automobiles, their predominant role in various fields. The zone focuses on interdisciplinary and multidisciplinary projects including Electronics and Communication, Computer Sciences, Mechanical and Electrical and Electronics engineering with an aim to innovate technology for a sustainable development of society. The makers zone is very much involved in designing various working models and simulated models in augmented reality and virtual reality for different types of robots and automobiles that used to carve, pick and place, 3D printing, Driving, Energy saving and many other applications with a motive to make the robots and automobiles available within affordable cost to the users of technology. It conducted various extension activities like research, workshops and expo's and developed apps for operating robots with the help of students and faculty. It is further exercising to collaborate with industries to develop robots and so as to support the workers and make their work easy and automobiles for sustainable environment and cheaper transportation system. The clubs achieved prizes and laurels from various Universities including IITs and other organizations.




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1.Green Cover zone – Sustainable Environment

Aditya college of Engineering and Technology is reputed for its academics and Placements. It is spread in an area of 180 acres of land amidst the Surampalem village of East Godavari dist. One that is enthralling about the institution is its enchanting ambience and beauty that really makes one so immersed in to it. The institution is committed to maintain an Eco-friendly environment and zero emissions campus. The energy or the power utilized for various purposes is generated from renewable energy source that is the solar panels which are fixed on academic buildings. Battery powered vehicles were introduced which contribute pollution free environment. The canopy of trees, carefully nurtured vegetation and the flora fauna present in the college premises clearly speaks volumes about the sustainable environment Waste management is implemented by following the norms of the government from the collection to disposal of waste keeping in view the bounty of soil and the living environment. Understanding the emergency of scarcity of water, the institution took a major step in conserving the water utilization. The raw water from RO plants, rain water and domestic water that let out in the college is channeled to the gardens and mango groove. The recharge pits helps to store and maintain the water levels underground. The college follows the norms of Swachh Barath and also took initiative to ban single use plastic products with its policy of ban on plastic and restriction on entry of automobiles to maintain a clean, green and healthy environment for sustainable environment.



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