

3.Makers' Zone

The Makers Zone of Aditya college of Engineering & Technology 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 also took initiative to facilitate the society during pandemic by providing homemade face shields with the support of 3D printing startup owned by ACET student and member of Makers club, Sanitizers with the guidance of Aditya Pharmacy College, Surampalem and Sixth finger a tool for surface touch free. A total number of 2000 Face shields and 300 liters of sanitizers were handed over to district collector of East Godavari district. It is further exercising to collaborate with industries to develop robots so as to support the workers and make their work easy and automobiles for cheaper transportation system. The clubs achieved prizes and laurels from various universities including IITs and other organizations.