



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Institute Distinctiveness

Aditya Engineering College has a vision to induce higher planes of learning by imparting technical education with international standards, applied research, creative ability, value based instruction and to emerge as a premier institute. The institute aims to create a platform for holistic growth and success of students at all levels. The Institute's philosophy of Diversity, Inclusion, and Integration has received a great deal of attention and priority.

Teaching – Learning

The Institute constantly focuses on academic excellence through innovative teaching learning processes. All the faculty are well qualified and majority of them are drawn from premier Institutions. Students are encouraged towards participative learning, experiential learning and problem solving. The institute secured two gold medals in university examinations. The Institute also has secured six Pratibha awards for academic merit from the Government of Andhra Pradesh.

Students and faculty are encouraged towards MOOCs for promoting self-learning. NPTEL rated the institute as AA and stood 39th position in India and 7th position in AP.

The institute regularly conducts workshops, guest lectures and FDPs to enhance the learning experience of students and faculty. Siemens has established 7 laboratories worth Rs. 5 Crores in the campus for skill development in collaboration with Andhra Pradesh State Skill Development Corporation (APSSDC). The Institute was sanctioned Dassault Systems Laboratory by APSSDC. Project Lab of ECE was sponsored by Tessolve semi-conductor company and Texas Instruments.

The skills derived from hands on workshops helps the students to build innovative projects. The project titled “Smart Irrigation System using Arduino and GSM Module” secured first position at AICTE-ECI-ISTE Chhatra Viswakarma Awards-2018 and received award from Hon. Vice President of India. The project titled “PV based electronic voting machine” secured first runner-up at SIH 2022 and received award from Director IIT Roorke.

Placements

The Institute aims towards placement for all eligible students. In this connection, focus on employability and skill development are initiated right from the first semester. Students are rigorously trained in coding skills, logical reasoning, aptitude and soft skills. Student progression in these activities is measured and necessary action is initiated, if required.

Apart from this, students are encouraged to participate in value added courses. In house programs like Owl Coder, Project Space, Code Mind, Become Coder helps the student to enhance their skill set in coding.

All these efforts culminated in a significant increase in placements year on year. Few of our students got selected in MNCs with higher packages around 20 lakhs per annum.

Research:

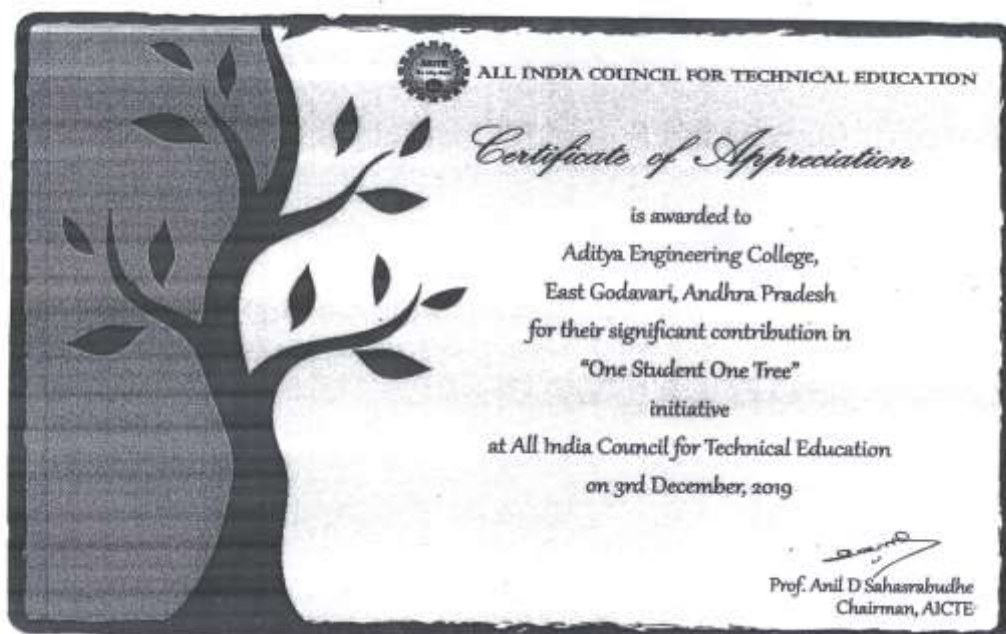
Faculty are encouraged to actively participate in Conferences and Publish papers in reputed International Journals. In the last three years, faculty have published 219 Papers in good quality journals which have Impact Factors and Scopus Indexed. Faculty and students have presented papers in 161 Conference which are Scopus Indexed. Faculty and students have filed 62 patents.

Five Departments (ECE, CSE, PT, EEE and ME) are recognized as Research Centers by JNTU Kakinada. Aditya Engineering College is recognized as Scientific and Industrial Research Organization by the Department of Scientific and Industrial Research (DSIR) for the last 9 years consistently. Civil Engineering department of the institute has been accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) which enables the department to undertake consultancy.

Clean & Green Initiatives:

In line with the Swachh Bharath Mission initiated by Government of India, the Institute prioritizes Swachh Bharath Abhiyan and rural development. In this context, the institute focuses to sensitize all its stake holders towards environment, sustainability and rural development. The Institute effectively manages solid waste, liquid waste and e- waste thus contributing to environment protection. Rain water is effectively utilized through water harvesting to recharge the ground water. Solar panels are installed on the roof top of the buildings for solar power generation and wheeling to the grid.

The institute is recognized as “Cleanest Higher Educational Institutes” in the country by MHRD with third rank under Swachh Campus Rankings 2019 under the category of residential colleges. The institute is awarded with certificate of appreciation for notable involvement in “One Student One Tree” initiative of AICTE.





Clean and green campus recognitions/awards

Extension and Outreach:

The institute organized several extension activities to sensitize the students towards community needs. The committee for extension activities oversees all extension activities, sensitising students on social issues, thus orienting them towards community service. The students actively participate in social service activities leading to their overall development. There are two National Service Scheme (NSS) units, a Red Cross Unit and a LEO club in the institute.

During the five-year period (2017-2022) the NSS unit organized various community service programmes like

- Vanamahotsavam Week,
- ODF Survey,
- Janmabhoomi Program,

- NSS Special Camp,
- Swatch Bharat campaign,
- Raising Funds to Help Kerala Flood Victims,
- Swatch Sarvekshan Grameen 2018,
- UBA Survey,
- Jal Shakti Abhiyan,
- Tree Plantation Programme



Jal Shakti Abhiyan



ODF Survey in Doddigunta Village



Plantation Program in College



UBA Survey in P.Nayakampalli and Kondepalli Village

Considerable growth in number of extension activities and student participation is observed year on year. The institute is conferred with second rank under the AICTE's National level Utkrisht Sansthan Vishwakarma Awards 2019, for its significant contribution in the growth and development of adopted villages.

Ministry of MSME permitted the institute for establishment of two Coir Clusters at Amalapuram and Kadiapulanka villages to develop value added products from coconut coir.

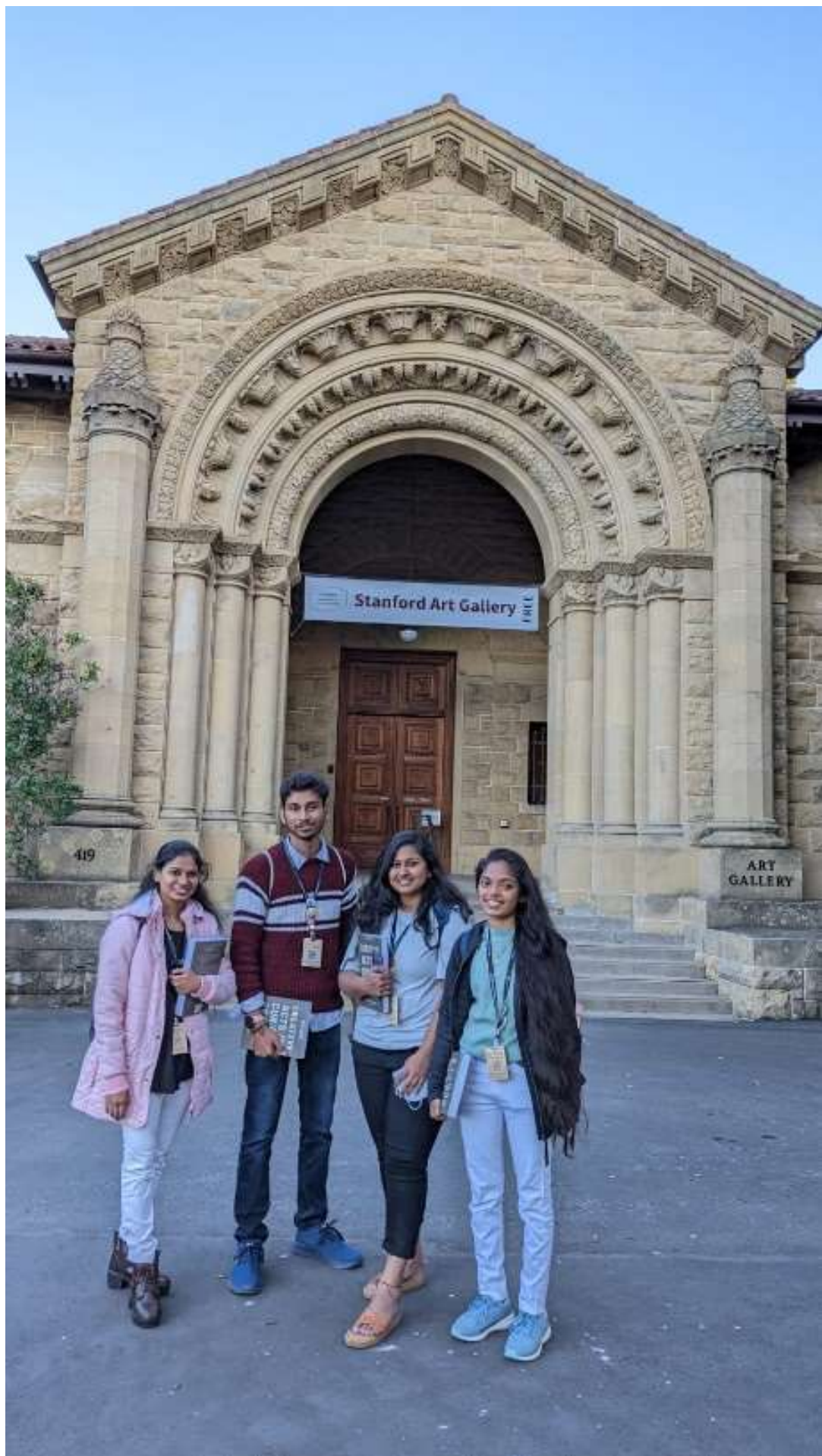
Aditya Global Business Incubator is acting as an implementing agency for two Coir Clusters sanctioned by Coir Board, Ministry of MSME worth Rs. 7.5 Crores.

University Innovation Fellows Program:

The Institute constantly encourages the students to participate in various co-curricular programs. Consequently, our students got opportunity to participate in **University Innovation Fellows Program** of Stanford University, San Francisco, California, USA. In the years 2017 and 2019, eight of our students, who are from rural and semi urban background, are part of this program. The selected fellows are empowered to become agents of change to ensure their peers gain the attitudes, skills and knowledge required to navigate a complex world. These student leaders create opportunities to help their peers build the creative confidence and entrepreneurial mindset needed to address global challenges and to build a better future.



Students of Aditya Engineering College in UIF Program, Stanford University



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