A N N U A L   R E P O R T   2 0 1 8

Aditya College of Engineering & Technology

(Permanently Affiliated to JNTUK Kakinada, Approved by AICTE New Delhi, Accredited by NAAC)
Recognized by UGC under section 2(f) & 12(B) of UGC Act 1956
Aditya Nagar, ADB Road, Surampalem – 533437

www.acet.ac.in

<u>Vision</u>

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 premiere institute

<u>Mission</u>

Achieving academic excellence by providing globally acceptable technical education by forecasting technology through

- Innovative Research and development

- Industry Institute Interaction

- Empowered Manpower

Institutional Strategic Goals

At the beginning of the academic year, various bodies and committees that constitute the Organogram of the institute, chalk out the strategic plan of events and activities which will support the growth and development in these key areas and at the end of the year, a review is taken about implementation and the outcomes of the perspective plans. One such broad area in which the Institutional Perspective and Strategic Plan has been successfully implemented is that of Teaching, Learning and Research. This has been achieved through the deployment of Action Plan for the following initiatives:

1. Efficient Teaching erudition procedure
2. Effective Leadership and Participative management
3. Continuous Internal Quality Assurance System
4. Ensuring effective governance
5. Student's Overall Development through Participation
6. Employees Advancement & Welfare
7. Escalating Placements
8. Proper Discipline
9. Women / Student / Faculty Grievance
10. Financial Planning & Management
11. Institute – Industry Interaction
12. Encouragement of Budding Entrepreneurs
13. Constant Growth in Research and Development
14. Alumni Interaction and Outreach activities
15. Mounting Physical Infrastructure

Principal's Report

I Dr. T K Rama Krishna Rao take the privilege to present the 12th annual report of Aditya College of Engineering & Technology, Surampalem for the academic year 2018-19.

In this academic year a total of 684 students have successfully completed their graduation in 6 undergraduate programmes. In addition to this 73 students have successfully completed their post graduation in 8 specializations and professional programmes. In this regard on behave of the management, staff and students I congratulate all the students and parents on successful completion of this terminal programme.

I am glad to present a brief report on the achievements of the institution which stands for excellence in both curricular and co-curricular activities.

In line with the vision and mission of the Institution, the teaching learning mechanism and our ecosystem holds a unique position in the technical education. Our institute is acclaimed as one of the reputed institutes in the state as well as in the country by various organizations like The Academic Insights Survey, Digital Learning Engineering Survey, DQ CMR Best Techno School Survey, The Week Hansa Research Survey, T-School Survey, TOI Engineering Colleges Ranking. All the undergraduate and postgraduate students of our institute will get an opportunity to participate in co-curricular and extra-curricular activities along with the regular academics to have a holistic personality development. The faculty members of the Institute are encouraged to submit the proposals to get the grants from funding agencies, and also faculty along with the students are encouraged to participate in MOOCs. To encourage the research culture among the staff members, they are honored with incentives for publishing papers in reputed journals. In addition to this faculty members are encouraged to present their research articles, papers in National / International conferences by reimbursing the registration fee. The Institute encourages the faculty members to undertake and develop project prototypes / working models with financial assistance.

In this academic year 2374 students are benefitted with scholarships provided by the Government of Andhra Pradesh and the sanctioned amount is Rs. 3,59,69,666. In order to encourage the meritorious students the institute offers merit scholarship, in this academic year the total number of students benefitted with this scholarship are 1373 and the amount is approximately 24.5 Lakhs.

The institute has organized several skill enhancement programs which includes soft skills, language and communication skills, life skills and ICT / computing skills.

In addition to the regular academics the institute has offered guidance towards competitive examinations, the students benefitted are nearly 1772 in number.

The institution has a commendable number of placements, nearly 100 plus companies visited the campus to recruit both under graduate and post graduate students, total number of students got placed in the year 2018-19 are 314.

The institute also encourages students in extra-curricular and co-curricular activities to develop the abilities like team organizing, event organizing. Nearly 35 students from our institute has participated in national, state level cultural and sports events.

Every year institute also runs add-on / certification programmes to enrich the skills of the students, in this academic year 2018-19 nearly 15 certification programmes are completed by 1493 students.

866 students are admitted in both under graduate and post graduate programmes for the academic year 2018-19.

Academic Activities

Programmes Offered

S No	Programme Type	Programme Name	Branch / Specialization	Intake
1	Under Graduate	B Tech	Civil Engineering	120
2			Electrical & Electronics Engineering	120
3			Mechanical Engineering	240
4			Electronics & Communication Engineering	240
5			Computer Science & Engineering	120
6			Information Technology	60
7	Post Graduate	M Tech	Structural Engineering	18
8			Thermal Engineering	18
9			Embedded Systems	18
10			CAD / CAM	18
11			Power Electronics	18
12			Computer Science & Engineering	24
13		M C A	Master of Computer Applications	60
14		M B A	Master of Business Administration	60

Memberships and Affiliations

Faculty members of the institute are members of professional bodies like Computer Society of India, Indian Society for Technical Education, Institute of Engineers, Indian Geotechnical Society, Institute of Electronics and Telecommunication Engineers and every year new faculty members are being added.

Conferences, Seminars, Workshops Organized & Attended

S No	Activity	Total Number
1	Number of Faculty members attended programmes (Conferences / Workshops / STTPs / Seminars)	42
2	Number of Programmes organized by the Institute (Conferences / Workshops / STTPs / Seminars)	32

<u>Research & Development Activities</u>

Publications

Number of Research Publications in National / International Journals	29

Conference Proceedings / Books / Book Chapters

Number of Books / Book Chapters / Conference Proceeding published	2

Grants received

Description	Amount in Lakhs
Grants received for research projects	6.38

<u>Library</u>

Description	Amount in Lakhs
Expenditure on purchase of books / e-books and subscription to journals / e- journals	2.58

<u>Placement</u>

Description	Count
Number of students placed	314