

aitam

ADITYA INSTITUTE OF
TECHNOLOGY AND MANAGEMENT



An Autonomous Institution

Approved by AICTE, New Delhi

Affiliated to JNTUK

Recognised by UGC under sections 2(f) & 12(b)

Recognised by Scientific & Industrial Research Organisations (SIROs)

ACADEMIC AND ADMINISTRATIVE AUDIT REPORT (EXTERNAL)

**AY: 2021– 2022
(Date: 12th to 13th Aug, 2022)**

ACADEMIC AND ADMINISTRATIVE AUDIT REPORT FOR AY: 2021 – 2022**(EXTERNAL)***(The activities are to be graded on the following scale)*

<u>Excellent</u>	<u>Good</u>	<u>Satisfactory</u>	<u>Needs improvement</u>
A	B	C	D

Name of the Principal: Dr.A.S. Srinivasa Rao

Details of Programmes in the college:

Name of the Programme	Sanctioned Strength	Actual Strength
UG (ENGG)		
CSE	180	200
ECE	180	196
MECH	180	149
EEE	120	125
CIVIL	120	108
IT	120	132
CSE(AIIML)	60	66
PG (ENGG)		
CSE	18	06
VLSI SYSTEM DESIGN	18	07
POWER ELECTRONICS & DRIVES	18	00
THERMAL ENGINEERING	18	00
STRUCTURAL ENGINEERING	18	05
MBA	60	42

1. Academic activities:

	Item	Grade
1.1	Feedback on curricular and other aspects from stakeholders	B
1.2	Revision/update of regulation or syllabi:	B
1.3	Academic activity conducted beyond the prescribed curriculum during the AY:	A
1.4	Total No. of teaching days during the AY:	A
1.5	Preparation, distribution and availability of time-tables, Academic Calendar, curriculum and syllabi	A
1.6	Academic, administrative set-up and functioning	B
1.7	Faculty strength cadre-wise, Teacher student ratio, Non-teaching staff strength	B
1.8	Class rooms, labs availability:	A

Comments (mention item number):

- 1.1- Online feedback for students and alumni is implemented. Similar mechanism should be implemented for Parents also.
- 1.2- BOS and Academic Council meetings are conducted every semester to maintain a balanced composition of the curricular aspects.
- 1.3- Academic activity conducted within the prescribed curriculum.
- 1.4- 172 working days
- 1.5- All are maintained in order
- 1.6- FDPs etc. are to be rooted through R&D and IQAC, and the functioning of administration is to be enhanced in coordination.
- 1.7- No. of PhDs is to be improved at Assoc. professor cadre.
- 1.8- Sufficient number of classrooms (most with LCD projectors and white boards) and laboratories existing.

2. Research and Innovation:

	Item	Grade
2.1	Research ambiance and activity and innovation (quality and quantity)	A
2.2	Sponsored research Projects and consultancy (quality and quantity)	C
2.3	Initiatives undertaken towards faculty development	B
2.4	Development programmes for supporting staff	B
2.5	Innovative processes adopted in Teaching and Learning:	A

Comments:

- 2.1 Research publications in online journals to be increased to attain NIRF ranking.
- 2.2 In some departments, Sponsored Research Projects are improved, but still there is a lot of scope for improvement.
- 2.3 Faculty should be encouraged to attend to higher learning institutes for FDPs and workshops.
- 2.4 Development programmes for staff to be improved.
- 2.5 Innovative processes implementation in Teaching and Learning to students into groups improved.

3. Central library facility:

	Item	Grade
3.1	Services: (Please rate the following services in the library) <ul style="list-style-type: none"> • Circulation services • Clipping services • Bibliographic compilation • Information display services • Reference / referral services <ul style="list-style-type: none"> • Photocopy and printing services • User Orientation/Information Literacy • Resource sharing • Internet/ digital resources • Suggestion Box 	A
3.2	Usage: Average number of visitors to the library per day, books issued/returned per day, visitors to the digital library per day	B

Comments:

- 3.1- Keeping of files is up to the mark. Prescribed books of latest edition should be made available..
- 3.2- Students and faculty are regularly visiting library.

4. Examination Section:

	Item	Grade
4.1	Availability of space and staff and security measures	A
4.2	Maintenance of records:(Please rate the maintenance of following records) (Register for Answer booklet (used/unused),Register for Marks memos (used/unused) Availability of Answer scripts of earlier semesters/years,Preparation and adherence to time tables)	A
4.3	Adherence to procedures(Question paper setting, Conduct of examinations, Declaration of results, Revaluation)	A

Comments:

- 4.1 Staff and space for the examination section are as per requirement.
- 4.2 Maintenance of records regarding answer booklets, question papers, marks memos, etc. Has been done as per the norms.
- 4.3 Question paper is randomly picked from two different sets. Declaration of results is given within two weeks. Revaluation is conducted.

5. Amenities and Sports facilities:

	Item	Grade
5.1	Available facilities like courts/ equipment:	A
5.2	Activities during the period	B
5.3	Special recognitions/prizes/achievements during the period:	B
5.4	Hostels facilities	A
5.5	Additional facilities available on campus like bank/post office/ SSC etc.,	A
5.6	Other facilities	A

Comments:

- 5.1 - Games and sports are conducted every year for students and staff.
- 5.2 - There are spacious grounds for conducting football and Cricket matches. Also University level tournaments are organized recently.
- 5.3 - State / University level medals won by some of the students.
- 5.4 - Hostel facilities are good especially food, hot water.
- 5.5 - Additional facilities are available at all time. There is a ATM, post-office counter at the out-gate of the college.
- 5.6 - Dispensary, Ambulance, Gym are available in the campus.

6. Internet connectivity:

	Item	Grade
6.1	Availability of band-width of connectivity	A
6.2	Usage of digital library and computing facilities	A
6.3	Availability of information on college web-site	A

Comments:

- 6.1 - Internet bandwidth is good and Wi-Fi is provided.
 6.2 - Computing facilities are good. Usage of digital library improved.
 6.3 - The College Website is well designed and available. It is updated regularly with every latest information related staff / students/ events/ other resources.

7. Student Progression:

	Item	Grade
7.1	Transition rate from I-year to II-year(passed all subjects in first attempt)	A
7.2	Remedial teaching for slow learners	A
7.3	Activities of Grievance redressal mechanism	B
7.4	Scholarships and Financial Support	A
7.5	Academic Performance (of outgoing students of the period)	A

- 7.1-Pass percentage is improved, about 84%.
 7.2- Identification of weak students needs improvement. Necessary steps like conducting remedial classes should be taken.
 7.3-Grievance and redressing mechanism is available, to be continued with some more efforts.
 7.4-Every year, semester-wise, prize money is given to toppers through the Bhagya Lakshmi Charitable trust.
 7.5-84% of pass rate.

7.6	Attainment levels of POs of the programme	PO Attainment Level
	B.Tech Programme in Civil Engineering	77.89%
	B.Tech Programme in Computer Science and Engineering	77.31%
	B.Tech Programme in Electronics and Communication Engineering	76.81%
	B.Tech Programme in Electrical and Electronics Engineering	66.22%
	B.Tech Programme in Information Technology	75.58%
	B.Tech Programme in Mechanical Engineering	78.83%
	MBA Programme in the college	81.41%

Comments:

- 7.6- PO attainment has been improved, but need to reach above 85%.

8. Placement cell:

	Item	Grade
8.1	Campus placement activity	B
8.2	Industry Institute collaborations	B
8.3	Details of programmes conducted by the Placement cell for personality development/ communication skill /entrepreneurship development etc.	A

Comments:

- 8.1 -Overall On-campus placements has improved, but core companies offers to be improved.
 8.2 – Collaboration with industry institute has improved, but industry people
 8.3 - Established finishing school, T&P cell, EDCell, Career guidance Cell, Student Activity centre available. Awareness programmes are conducted to students.

1. Social service and Extension activities:

	Item	Grade
9.1	Functioning of recognised units available	A
9.2	Activities during the year in the sphere of extension activities and Institutional Social Responsibility	A

Comments:

- 9.1- Govt sponsored Social activities, Swatch Bharat Programmes, Plastic Free Campus Run are conducted.
 9.2- The college adopted a village and awareness programmes are conducted. Further, support mechanism also has improved.

2. Administrative matters:

	item	Grade
10.1	Financial allocation and expenditure	B
10.2	Procedures and implementation of faculty and staff related matters	A
10.3	Support to socially backward students	B
10.4	Support to differently-abled students	B
10.5	Support to foreign students on campus	B
10.6	General campus maintenance	A
10.7	Faculty and staff grievance redressal mechanism	A

Comments:

- 10.1- There is an well planned budget allocation process for meeting various expenditures.
 Incentives to faculty and Scholarships to poor students and meritorious students are given.
 10.2- Salaries credited to accounts of faculty through Bank. HR policy is implanted.
 10.3- Support has been extended as per procedure. Scholarships to poor students and meritorious students are given.
 10.4- Support is given highest care regarding differently abled students. There are wheel-chairs, ramps and other provisions.
 10.5- There are a good number of foreign students studying. Hostels are provided for boys and girls within the campus, with a good quality food.
 10.6- Campus is well maintained and clean with a lot of trees and greenery.
 10.7- Facility available through college website in general. Facility has been created through college website in general. Grievances are received through mails and other means. Their redressing mechanism is found satisfactory.

11. Governance, Leadership and Management

	Item	Grade
11.1	Pursuit of the Vision and Mission of the Institution	A
	Quality improvement strategies adopted by the Institution for each of the following	A
11.2	Activities and support from the Alumni Association	B
11.3	Activities and support from the Parent-Teacher Association	B
11.4	Interaction and support from the Industry	B
11.5	Decentralisation of administration	A

Comments:

- 11.1- Accredited by NBA 4TH Time. NAAC accreditation with A+ has been done third time showing adherence to the standard procedures. The Vision is being achieved through appropriate Mission steps.
- 11.2- ALUMNI and Industry Institute Participation Cell are functioning good.
- 11.3- Meetings are conducting with parents regularly, for their feedback on curricular aspects and others.
- 11.4- Add-On courses and Skill development activities are conducted by inviting experts from Industry. Also the state government also conducts skill development activities.
- 11.5- Deans, Associate Deans and HODs are under Principal to administer all the responsibilities. There is very defined hierarchy of administration.

Best Practices of the Institution:

- Smart Classrooms are available for interactive learning.
- Previous exam question papers and Teaching notes is available in website.
- Number of students taking NPTEL-certifications is good.
- Student Activity Centre is doing excellently.
- Finishing school concept is good.
- Placements opportunities are enormous.

Strengths:

- Infrastructure is good.
- Greenery, environment and Ambience is good.
- Wi-Fi facility is good.
- Library, Gym, Canteen, E-Clinic facilities are good.
- Hostels are good.

Suggestions for improvements:

- Faculty need to improve their competency, skills, knowledge and qualifications.
- Faculty need to attend FDPs at IITs/ NITs to improve their skills and knowledge.
- Online feedback procedures are to be implemented.
- Create awareness among students towards Higher Studies.
- Need to encourage students to publish their project works in journals or conferences.
- A greater emphasis on publishing articles in indexed journals is something the faculty should be focusing on.
- Conduct of more expert talks with alumni.
- Quality of Research projects and consultancy has to be improved.

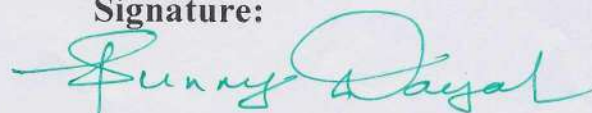
Signature:



Dr. Murali Malijeddi
Professor, Dept of ECE,
Head of the Department,
Centurion University,
Andhra Pradesh (AP)

Head of the Department
Dept. of Electronics & Communication Engg.
CUTM, A.P.

Signature:



Dr. P A Sunny Dayal,
Dean, School of Engineering,
Centurion University,
Andhra Pradesh (AP)

Dean
Academics
Centurion University of Technology & Management
Andhra Pradesh

