



## ACADEMIC AUDIT SCHEDULE – 2024–25

**Audit Dates:** 8th & 9th December 2025

### Peer Team Members:

- **Dr. K. S. Jagannatha Rao** – Pro Chancellor, KLU University
- **Dr. A. Pavani** – Associate Professor, Department of English, KLU University

### Day 1 – 8th December 2025

S. No	Time	Auditor – I Departments	Auditor – II Departments
1	10.30 AM – 11.30 AM	Civil Engineering (CE)	English
2	11.30 AM – 01.00 PM	Computer Science (CSE)	Mathematics
3	01.00 PM – 02.00 PM	<b>Lunch</b>	<b>Lunch</b>
4	02.00 PM – 03.00 PM	Computer Science (CSE)	Physics
5	03.00 PM – 04.00 PM	Computer Science (CS)	Chemistry
6	04.00 PM – 04.30 PM	<b>Report Writing &amp; Closing Meeting</b>	<b>Report Writing &amp; Closing Meeting</b>

### Day 2 – 9th December 2025

S. No	Time	Auditor – I Departments	Auditor – II Departments
1	10.30 AM – 11.30 AM	Electronics (ECE)	Electrical (EEE)
2	11.30 AM – 01.00 PM	Electronics (ECE)	Science & Humanities (S&H)
3	01.00 PM – 02.00 PM	<b>Lunch</b>	<b>Lunch</b>
4	02.00 PM – 03.00 PM	Agriculture Engineering	Science & Humanities (S&H)



# A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

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Recognized by UGC 2(f), An ISO Certified 9001:2015

Vinukonda Road, Petlurivaripalem, Narasaraopet, Palnadu District, Andhra Pradesh - 522 601.



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ENGINEERING

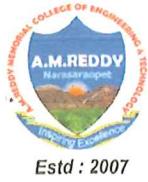
PE  
NARASARAOPET

S. No	Time	Auditor – I Departments	Auditor – II Departments
5	03.00 PM – 04.00 PM	IQAC	NSS
6	04.00 PM – 04.30 PM	Report Writing & Closing Meeting	Report Writing & Closing Meeting

IQAC

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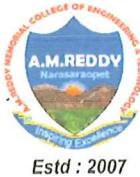
## CORRECTIVE ACTION PLAN – DEPARTMENT WISE (2024–25)

### Civil Engineering (CE)

S. No	Area of Concern	Corrective Action	Responsible	Timeline	Evidence
1	Few R&D proposals submitted	Submit at least 2 proposals in sustainable construction/digital engineering	Research Committee	Jan–Jun 2025	Proposal receipts
2	Need to improve in industry linkage	Organize 3 industrial visits + 2 guest lectures	HoD + Industry Coordinator	AY 2024–25	Reports, photos
3	Limited student competitions	Launch “Civil Tech Fest”	Faculty Advisors	Mar 2025	Event records
4	Curriculum gaps (IoT, sustainability)	Add elective on Smart Infrastructure	BoS	Next Regulation	Approved syllabus

### Computer Science & Engineering (CSE)

S. No	Area of Concern	Corrective Action	Responsible	Timeline	Evidence
1	Low coding competition participation	Weekly coding contests + Hackathons	Coding Club	Jan–May 2025	Contest reports
2	Need to improve in entrepreneurship exposure	Conduct 2 start-up workshops	IIC + Dept.	AY 2024–25	Workshop records
3	Few patents filed	Encourage faculty/student patent applications	R&D Cell	Ongoing	Patent filings



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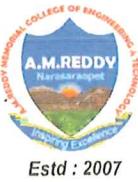
S. No	Area of Concern	Corrective Action	Responsible	Timeline	Evidence
4	Curriculum gaps (AI/IoT)	Introduce electives in AI, IoT	BoS	Next Regulation	Syllabus copy

## Electronics & Communication Engineering (ECE)

S. No	Area of Concern	Corrective Action	Responsible	Timeline	Evidence
1	Limited research publications	Target 2 Scopus-indexed papers per faculty	Research Committee	AY 2024–25	Publications
2	Need to improve in higher studies mentoring	GATE coaching sessions	Faculty mentors	Jan–Apr 2025	Attendance sheets
3	Few FDPs attended	Mandate 2 FDPs per faculty	HoD	AY 2024–25	FDP certificates
4	Curriculum gaps (VLSI, IoT)	Add electives in emerging tech	BoS	Next Regulation	Approved syllabus

## Electrical & Electronics Engineering (EEE)

S. No	Area of Concern	Corrective Action	Responsible	Timeline	Evidence
1	Need to improve in industry partnerships	MoUs with 2 power/automation companies	Placement Cell	AY 2024–25	MoUs
2	Low student placement in core	Conduct skill modules in power systems	Training Cell	Jan–Jun 2025	Training records
3	Limited student start-ups	Establish incubation support	IIC	AY 2024–25	Start-up proposals



## Science & Humanities (S&H – Maths, Physics, Chemistry, English)

S. No	Area of Concern	Corrective Action	Responsible	Timeline	Evidence
1	No reasoning/speed maths classes	Weekly reasoning/problem-solving sessions	Maths Faculty	Jan 2025	Attendance sheets
2	Need to improve in FDP participation	Ensure 1 FDP per semester	HoD	AY 2024–25	FDP certificates
3	Limited student mentoring	Structured mentoring files	Faculty mentors	AY 2024–25	Mentoring records

## Agriculture Engineering (AG)

S. No	Area of Concern	Corrective Action	Responsible	Timeline	Evidence
1	Few industry linkages	Collaborate with agri-tech firms	HoD	AY 2024–25	MoUs
2	Limited extension activities	Organize 2 farmer outreach programs	Faculty Advisors	Mar–Jun 2025	Reports
3	Need to improve in student start-up culture	Promote agri-based start-ups	IIC	AY 2024–25	Start-up records



## IQAC

S. No	Area of Concern	Corrective Action	Responsible	Timeline	Evidence
1	Documentation gaps	Digitize all audit files	IQAC Coordinator	Jan–Jun 2025	Digital records
2	Need to improve in compliance awareness	Conduct compliance workshops	IQAC	AY 2024–25	Workshop reports
3	Limited benchmarking	Adopt dashboards for quality metrics	IQAC	AY 2024–25	Dashboard screenshots

## NSS

S. No	Area of Concern	Corrective Action	Responsible	Timeline	Evidence
1	Limited extension activities	Conduct 3 societal outreach programs	NSS Coordinator	AY 2024–25	Reports
2	Need to improve in student participation	Motivate 50% student involvement	Faculty Advisors	AY 2024–25	Attendance sheets
3	Limited documentation	Maintain NSS activity files	NSS Cell	AY 2024–25	Records

## Concluding Statements

- The Academic Audit for AY 2024–25 has provided a comprehensive review of departmental activities, highlighting strengths and areas requiring improvement.
- The CAPs emphasize **curriculum enrichment, faculty development, research promotion, student mentoring, industry collaboration, and alumni engagement**, thereby strengthening the institution's academic ecosystem.
- Implementation of these CAPs will be monitored periodically by the IQAC, with evidence maintained in digital and physical formats for transparency and compliance.



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- Departments are expected to submit **Semester progress reports** to IQAC, documenting actions taken and outcomes achieved.
- The institution remains committed to **continuous improvement, outcome-based education, and quality assurance practices** in line with NBA/NAAC standards.
- The audit process has reinforced a culture of **systematic documentation, governance, and innovation**, ensuring readiness for future accreditation and external reviews.
- With collective effort from faculty, students, and administration, the corrective measures will translate into **enhanced teaching-learning quality, stronger research output, and improved student progression**.
- The IQAC acknowledges the active participation of all departments and assures ongoing support for effective execution of the action plans.
- This report, along with the department-wise CAPs, stands as a formal record of the institution's commitment to **excellence, compliance, and holistic development**.



IQAC

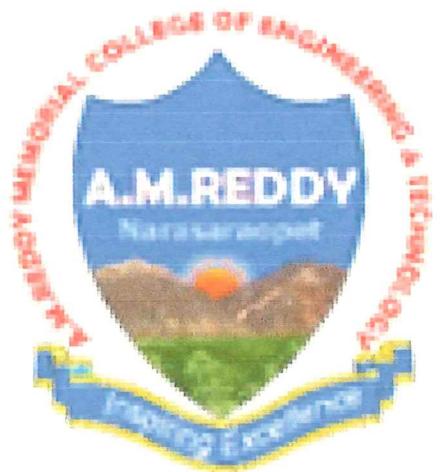
  
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**A.M. Reddy Memorial College of Engineering &  
technology,**

*(AN AUTONOMOUS INSTITUTION PERMANENTLY AFFILIATED TO JNTUK)*

**Internal Quality Assurance Cell (IQAC)**



**Report on External Academic Audit**

**&**

**Action Taken**

**(2024-2025)**



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## Introduction

The Academic Audit of the Department was conducted from 08.12.2025 to 09.12.2024. The Purpose of the Audit is to provide the opportunity for a regular strategic over view of the entirety of a Department's Teaching and Learning activity. The Self Evaluation Document (SED) of the Department was presented to the Peer Committee Experts. The Expert Members investigated the different aspects of the Document and authenticated them with the supporting evidence. This report consolidates the findings of the Experts and put forth the suggestions and area of improvements possible in the future.

Academic Audit Expert Committee members:

1. Dr K.S.Jagannatha Rao

Pro Chancellor

KLU University

2. Dr. A. Pavani

Associate Professor,

Department of English

KLU University

# Schedule of the Academic Audit on 8<sup>th</sup> December 2025

1. Auditor: Dr K.S.Jagannatha Rao

Pro Chancellor

KLU University

2. Auditor : Dr. A. Pavani

Associate Professor

KLU University

S.No	Time	Auditor -I Departments	Auditor-II Departments
1	10.30AM to 11.30AM	CE	English
2	11.30AM to 01.00PM	CSE	Maths
4	01.00 PM to 02.00PM	Lunch	
5	02.00 PM to 03.00PM	CSE	Physics
6	03.00 PM to 04.00PM	CS	Chemistry
7	04.00 PM to 4.30PM	Report writing and Closing Meeting	

## Schedule of the Academic Audit on 9<sup>th</sup> December 2025

1. Auditor : Dr K.S.Jagannatha Rao  
Pro Chancellor  
KLU University

2. Auditor : Dr. A. Pavani  
Associate Professor  
KLU University

S.No	Time	Auditor -I Departments	Auditor-II Departments
1	10.30 AM to 11.30AM	ECE	EEE
2	11.30AM to 01.00PM	ECE	S&H
4	01.00PM to 02.00PM	Lunch	
5	02.00PM to 03.00PM	AG	S&H
6	03.00PM to 04.00PM	IQAC	NSS
7	04.00PM to 4.30PM	Report writing and Closing Meeting	

*List of Files Audited:*

S.No	F.No	Description
I-Curricular Aspects		
1	F1.1	Department Vision, Mission, PEO,PSOs
2	F1.2	Department Objective, Goal, Annual Department Plan(2024-25) And Action taken, Calendar AY2024-25
3	F1.3	Department SWOT Analysis
4	F1.4	Field Project Internship and implant training and industrial visits
5	F1.5	Board of Studies, Minutes, Regulations, Curriculum and Syllabus for All Regulations(AMR-24)
6	F1.6	Feedback on curriculum enrichment(Feedback from all stake holders)
7	F1.7	Curriculum enrichment in 2024 Regulations(Employability, EDC, Skill Development)
8	F1.8	SWAYAM-NPTEL and Any online certification courses (Please verify Certificates for students and faculties)
9	F1.9	Value Added Courses (Please verify students certificate in value added course)
10	F2.1	Students strength and Faculty Students Ratio (as per NBA format)
11	F2.2	Record of Teaching and Non-Teaching staff profile

12	F2.3	ICT Innovative Teaching Learning Process (Please specify the methods)
13	F2.4	Students mentoring file and action taken (Please verify the document and comment)
14	F2.5	Students complaints grievances about examinations-QPM (Please verify action taken)
15	F2.6	CO-PO mapping and CO attainment (Please verify the attainment for all years with proof)
16	F2.7	Student Satisfaction Survey (SSS) on overall institutional performance(Please verify the feedback)
17	F2.8	Students achievement in examination (Please verify students secured more than 8.5CGPA)
18	F2.9	Internal Test Analysis (Both Theory and Practical courses)
19	F2.10	End Semester Exam Result Analysis
20	F2.11	Feed-back on Teaching Learning process
21	F2.12	Remedial coaching class for AY2024-25
22	F2.13	Course file (Theory and laboratory courses) (Please verify Internal Test Note(Theory), Class note ,Assignment)
24	F2.14	All Lab Maintenance, Stock Register, Stock Verification Record and Calibration details

25	F2.15	Lab Manual, Records, Observation and TimeTable (Please verify 2 Nos./ subject/ class for all the practical courses)
26	F2.16	Students 'attendance (Please verify the Master attendance)
27	F2.17	Honours and recognition received by teachers(received awards, recognition, fellowships at State, National, International level from Government)
<b>III-Research, Innovation and Extension</b>		
28	F3.1	Institution provides seed money for research projects and Consultancy to the teachers(Please verify the proof)
29	F3.2	No.of Research Supervisors and Scholar details and Ph.D awarded (Please verify the proof)
30	F3.3	Major/Minor/Other research projects and proposal(Please verify Ongoing, Completed and Submitted details)
31	F3.4	Research paper publications(International/National Journal and Conference) (Please verify No.of Publication and Quality of <b>publication</b> )
32	F3.5	Books, chapters and Conference Proceedings published by faculty (Please verify the documents)
33	F3.6	Department faculties program participation(Please verify Number of participants with proof)
34	F3.7	Awards for Innovation won by Institution/Teachers/Research scholars/students during the year(Please verify numbers)
35	F3.8	Record of Consultancy

36	F3.9	Record of You and Linkages with institutions industries for internship, on-the-job training, project work (Please verify the activities)
37	F3.10	<p>Extension Activities</p> <p>1. NSS students list</p> <p>2. NCC students list</p> <p>3. Club activities</p> <p>4. Subject related extension activity</p> <p>5. Societal activity</p>
38	F3.11	Department programmes organized (Please verify number of programmers organized with proof)
39	F3.12	Details of Startups and IPR filing Please verify status filed, published and awarded)
40	F3.12	Workshops/Seminars Conducted on Intellectual Property Rights(IPR) And Industry-Academia Innovative practices (Please verify the numbers)
		<b>IV-Infrastructure and Learning resource</b>
41	F4.1	Department Budget (Please verify 2024- 25 Budget)
42	F4.2	List of Laboratories ,List of Equipment's and List of Equipment's with More than 5Lakhs and Additional Laboratories and augmented facilities
43	F4.3	Department Library (booklist ,students and faculty reference record, specimen-copy entry)
44	F4.4	Content developed by teachers(Please verify samples)
		<b>V-Student Support and Progression</b>

45	F5.1	Students' Bio-Data
46	F5.1	Department Class committee meeting
47	F5.2	Student Participation (Co-Curricular & Extra Curricular) (Please verify Number of participation) Awards and prizes earned by the students
48	F5.3	Placement, Higher Studies and Entrepreneurship (Please verify No of placement, Higher studies GATE,GRE,TOEFL, etc. ,score, and Entrepreneur list)
49	F5.4	Career Guidance Programme (Soft-skill Training, bridge-course, Yoga)
50	F5.5	Alumni Interaction (Please verify Alumni Lecture and Alumni mentoring support)
51	F5.6	Record of Grievance Redressal Cell/ Anti-raggingCell (please verify the documents and action taken)
52	F5.7	Students involvement in various committees (Please verify the documents)
		VI-Governance, Leadership and Management
53	F6.1	Teachers provided with financial support to attend conferences/ Workshops and towards membership fee of professional bodies During the year (please verify each documents)
54	F6.2	Record of Staff Meeting
55	F6.3	Last year department academic audit report(2023-24)and action taken

56	F6.4	No.of teachers attending professional development programmes, viz.,Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year.
<b>VII-Institutional Values and Best practices</b>		
57	F7.1	Professional Society Activities
58	F7.2	College Future plan (Strategicplanfor2025-29)
59	F7.3	Gender Equity  (Number of gender equity promotion programs organized by the department)
60	F7.4	Initiatives taken by the Institution to make the campus eco-friendly ( at least one)

## 1. **Overall assessment:**

- **Systematic Documentation:** Files and records are properly maintained; however, continuous monitoring and digitization can further improve efficiency.
- **Faculty Motivation:** Faculty members are motivated and aligned with institutional goals, yet structured professional development programs could enhance outcomes.
- **Recognition & Awards:** Faculty and student awards are appreciable, though expanding award categories and visibility would strengthen recognition.
- **Student Engagement:** Student participation in co-curricular activities is commendable; more structured mentoring and wider outreach are required.
- **Digital Records:** Faculty and student details are well maintained in software, but integration with advanced analytics tools could improve utility.
- **IIC Initiatives:** IIC-related activities are appreciable; scaling up innovation projects and industry collaborations would add further value.
- **Audit Participation:** Faculty members actively participated in the audit; more training on audit preparedness could improve documentation quality.
- **Governance & Compliance:** Rules and regulations are followed diligently; periodic reviews and awareness sessions could strengthen compliance culture.
- **Infrastructure & Amenities:** Basic amenities and infrastructure are good; modernization and expansion are required to meet future demands.
- **Training & Placements:** Students receive good training and placements; stronger industry partnerships and advanced skill modules are needed.
- **Events & Activities:** Faculty- and student-centric events are conducted effectively; introducing measurable outcomes would enhance impact.
- **Knowledge Transfer:** Visits by academicians and industry experts are valuable; increasing frequency and diversity of experts is recommended.
- **Alumni Engagement:** Alumni meetings are conducted regularly; leveraging alumni networks for mentorship and funding could be improved.
- **Technical Programs:** Departments conduct technical programs effectively; incorporating interdisciplinary themes and global exposure would add value.
- **IQAC Documentation:** IQAC formats are good and regularly updated; adopting digital dashboards and benchmarking practices would strengthen quality assurance.

Note: Corrective Action Plan of individual department is attached.

Expert Peer Team member's signature

A handwritten signature in blue ink, appearing to read "Dr Jayaram".

Pro Chancellor,  
Koneru Lakshmaiah Education Foundation  
(Deemed to be University)  
Green Fields, VADDESWARAM-522 502  
Guntur District, Andhra Pradesh

A handwritten signature in blue ink, appearing to read "Dr Jayaram".



## ACTION TAKEN REPORT (ATR) – ACADEMIC AUDIT 2024–25

### Introduction

The Academic Audit conducted on 8–9 December 2025 highlighted key strengths and areas for improvement across all departments. Based on the audit findings, each department prepared a Corrective Action Plan (CAP). This Action Taken Report consolidates the measures implemented in response to the audit suggestions.

### Department-wise Action Taken

#### Civil Engineering (CE)

- **R&D Proposals:** Two proposals submitted in sustainable construction and digital engineering to AICTE.
- **Student Competitions:** “Civil Tech Fest 2025” organized with 35 participants.

#### Computer Science & Engineering (CSE)

- **Coding Competitions:** Weekly coding contests initiated; Hackathon conducted in March 2025.
- **Industry Linkage:** Industrial visit to ISRO and one guest lecture conducted.
- **Entrepreneurship Workshops:** Two workshops held in collaboration with IIC.
- **Patents:** Three student patent applications filed.

#### Electronics & Communication Engineering (ECE)

- **Research Publications:** Faculty published 3 papers in UGC Care-1.
- **Higher Studies Mentoring:** GATE coaching sessions conducted; 25 students enrolled.
- **FDP Participation:** Each faculty attended at least one FDP in AY 2024–25.

#### Electrical & Electronics Engineering (EEE)

- **Industry Partnerships:** MoUs signed with Private Infra and Siemens.
- **Core Placements:** Skill modules in power systems introduced; 15 students placed in core companies.

#### Science & Humanities (S&H)

- **Reasoning/Speed Maths:** Weekly sessions started for competitive exam preparation.
- **FDP Participation:** All faculty attended at least one FDP.



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- **Mentoring:** Structured mentoring files maintained for all classes.

## Agriculture Engineering (AG)

- **Industry Linkages:** Collaboration with two agri-tech firms established.
- **Extension Activities:** Two farmer outreach programs conducted.

## IQAC

- **Digitization:** All audit files digitized and uploaded to IQAC portal.
- **Compliance Awareness:** Two workshops conducted on NBA/NAAC compliance.
- **Benchmarking:** Digital dashboards adopted for quality metrics.

## NSS

- **Extension Activities:** Three societal outreach programs conducted (blood donation, village sanitation, tree plantation).
- **Student Participation:** 60% student involvement achieved.
- **Documentation:** NSS activity files updated and verified.

## Overall Impact

- **Documentation:** All departments have digitized and streamlined records.
- **Faculty Development:** FDP participation increased significantly.
- **Research & Innovation:** Rise in publications, patents, and proposals.
- **Student Progression:** Improved placement, higher studies mentoring, and competitive exam preparation.
- **Governance:** IQAC monitoring strengthened with dashboards and quarterly reviews.
- **Community Engagement:** NSS and extension activities expanded.

## Conclusion

The Action Taken Report demonstrates that the institution has **systematically addressed the audit observations** through structured CAPs. Continuous monitoring by IQAC ensures sustainability of improvements. The collective effort has enhanced teaching-learning quality, research output, student progression, and compliance readiness for NBA/NAAC accreditation.

IQAC

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