



SRI RAMAKRISHNA ENGINEERING COLLEGE

[Educational Service : SNR Sons Charitable Trust]
[Autonomous Institution, Reaccredited by NAAC with 'A+' Grade]
[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]
[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]
VATTAMALAIPALAYAM, N.G.G.O. COLONY POST, COIMBATORE – 641 022



Academic and Administrative Audit

Contents

S.No.	Details
1	Circular
2	Audit Reports
3	Action taken Reports

EXTERNAL AUDIT REPORTS



SRI RAMAKRISHNA ENGINEERING COLLEGE

[Educational Service: SNR Sons Charitable Trust]
[Autonomous Institution, Reaccredited by NAAC with 'A+' Grade]
[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]
[ISO 9001-2015 Certified and all eligible programmes Accredited by NBA]
VATTAMALAIPALAYAM, N.G.G.O. COLONY POST, COIMBATORE - 641 022.



INTERNAL QUALITY ASSURANCE CELL

21.11.2024

Academic & Administrative Audit (AAA)

23rd & 25th November 2024

SCHEDULE OF THE AUDIT

Day 1: 23.11.2024 (Saturday)				
S.No	Name of the Auditors	Departments to be Audited		
		Forenoon (9.30 am to 12.30 pm)	12.30 to 01.30 pm	Afternoon (01.30 pm to 04.00 pm)
1.	Dr.L.Ravikumar Professor, Department of Mechanical Engineering BMS College of Engineering, Bangalore	MECH	Lu nch	R & A
2.	Dr. S.Moorthi Professor, Department of Electrical and Electronics Engineering National Institute of Technology, Trichy	BME		ECE
3.	Dr.K. Chandrasekaran Professor, Department of Computer Science and Engineering National Institute of Technology, Surathkal.	CSE & M.Tech CSE		AI &DS
4.	Dr.T.Pradeep Associate Professor, Department of Civil Engineering Kongu Engineering College, Erode	CIVIL		AERO
5.	Dr.M.Sangeetha Associate Professor Department of Information Technology Coimbatore Institute of Technology, Coimbatore	IT		NANO & SPORTS & LIBRARY
6.	Dr.I.Parvin Banu, Associate Professor & Head, IQAC Coordinator PG and Research Department of International Business Sri Ramakrishna College of Arts and Science, Coimbatore.	MBA		ENGLISH & PLACEMENT
7.	Dr.D.Maruthamani Assistant Professor, Department of Chemistry PSG College of Technology, Coimbatore	PHYSICS & CHEMISTRY		MATHS & OFFICE
Day 2: 25.11.2024 (Monday)				
8.	Dr.C.Sharmeela Professor, Department of Electrical Electronics Engineering Anna University, Chennai	EIE	Lunch	EEE

Director-IQAC
Dr. K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR
Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022

ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit
Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)

27.11.2024
ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024
DEPARTMENT OF MECHANICAL ENGINEERING

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	Compliance report is prepared as per the observations made by NBA expert team	NA
CRITERION 1 Curricular Aspects	Suggested to keep more skill based and industry driven courses to enhance their employability.	- Planned to conduct value added courses to enhance employability and skill development - Courses will be conducted in-house with suitable partnership
CRITERION 2 Teaching, Learning and Evaluation	- Assignment should focus on simulation and analysis in few courses to cover complex engineering solutions - Needs additional well qualified technical staff to support the system - More participation and awareness is needed. Suggested to participate	- Assignments in selected courses now incorporate simulation and analysis components using tools such as MATLAB / ANSYS and students are encouraged to work on real-world engineering challenges as part of these assignments. - The recruitment process for qualified technical staff will be initiated to ensure better support for TLP. - A target of 100% faculty participation in ATAL and other faculty development program in futuristic

	in ATAL and other faculty development program in futuristic courses	• Effective impact analysis is to be prepared • Adjunct/Visiting faculty hours around 50 hours/Year to be maintained.	courses within the year. • An effective impact analysis report will be prepared to assess the progress of learners along with continuous improvement plan. • It will be ensured.
CRITERION 3: Research, Innovations and Extension	NIL		
CRITERION 4: Infrastructure and Learning Resources	NIL		
CRITERION 5: Student support and Progression	• Success rate without backlog is a concern. Need serious attention • Needs overall improvement	• Intense mentorship to slow learners through periodic Tutor-ward meetings and parents meeting are being implemented to improve overall success rates.	
CRITERION 6: Governance, Leadership and Management	NIL		
CONTINUOUS IMPROVEMENT			
Continuous Improvement	PART A-COs Attainment		
	Course outcomes for all courses	• Effective correlation is required	• The CO-PO/PSO correlation matrix has been revised following the guidelines of AICTE Examination Reforms
	Program me Articulation matrix and course Articulation matrix		
	Attainment of course outcomes		

	COs attainment and Action taken for improvement	- Concern on target set values - Need Improvement	to ensure realistic alignment and improved attainments. Attainment targets for COs/POs are being reassessed, and actionable steps have been devised to address gaps.
PART B-POs/PSOs Attainment			
Attainment of POs and PSOs	- Need improvement - More weightage is noticed on Indirect method keep it 10% - Effective implementation needs in terms of effective TLP Assessment, Evaluation and Monitoring		
Action taken for CI based on POs/PSOs	- Direct methods will be prioritized for outcome attainment, and indirect methods will be limited to 10% weightage as suggested. - A monitoring mechanism will be introduced to regularly evaluate and improve the effectiveness of Teaching-Learning Processes (TLP).		

SWOC ANALYSIS

I. Strengths:

- Well qualified young dynamic faculty members with an average service of 12 years
- Good research and learning environment is noticed
- Interaction with professional societies and industries are noticed
- Few effective innovative pedagogical practices are observed

	Records are well documented and placed
II. Weakness:	- Effective training to slow learners and impact analysis to improve their success rate - Effective CO – PO mapping and attainment of CO's and PO's. Considering Target set values
III. Opportunities:	- Adaptation of NEP policies in curriculum design, assessment of evaluation - Introducing skill based courses in interdisciplinary and multidisciplinary areas - Industry driven / Supported training activities
IV. Challenges:	- Student input quality and enrollment in core disciplines - Placement and packages
Any Other Comments	NIL


DQAC member


Head of the Department


Director-IQAC
Dr. K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR
Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022


Chairperson IQAC

ACADEMIC & ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)

INTERNAL AUDIT
SECTION A: ACADEMIC FILES

Description	Details
Name of the Department	Mechanical Engineering
Date of Audit	23.11.2024
Name, Designation and Address of Auditor	Dr.L.Ravi Kumar Professor & Vice Principal B.M.S. College of Engineering, Bangalore

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern/Weakness/Deficiencies of latest NBA visit	Yes	Compliance report is prepared as per the observations made by NBA expert team.	-

1/11/24

CRITERION 1 Curricular Aspects	Minutes of Board of studies	Yes	Available and well documented (2 Meeting /Year)	Suggested to keep more Skill based and Industry driven courses to enhance their employability
	Minutes of Academic and Administrative committee meetings	Yes	Verified Available (2/year)	
	Curriculum Development Cell	Yes	Available / Noticed. New courses inline with new technologies have been introduced	
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	Yes	Available / Noticed	
	Stakeholders feedback: (i) For defining Vision, Mission, PEOs and PSOs (ii) Curriculum Enrichment and Compliance	Yes	System is in place.	
	Quality of Student Projects	Noticed	Innovative student projects are noticed	
	Internship/Industrial training with feedback analysis	Yes	Internship is a mandatory course. Industrial training is a part of the curriculum.	
CRITERION 2: Teaching, Learning and Evaluation	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	Yes Noticed	Verified Well documented & disseminated among the students.	Assignment should focus on simulation and analysis in few courses to cover complex engineering solutions.

10/2

	Assignments and Evaluation	Yes	Continuous evaluation of the assignment is noticed.	Needs additional well qualified technical staff to support the system. More participation and awareness is needed. Suggested to participate in ATAL and other faculty development program in futuristic courses.
	Course files(All Courses, Laboratory Courses and Project)	Yes	Well documented.	
	Patent and Copyrights	Yes	04 - Granted 01 - Design Patent	
	Teaching and Non-teaching Profile	Yes	Available and documented	
	Entrepreneurship cell (EDC)	Yes	Activities are noticed	
	Faculty as participants in FDP/STTPs/Trainings	Yes	About 80% of the faculties are actively participated.	
	Tutor Ward Meeting / Class Committee Minutes	Yes	Regularly conducted as per calendar and appreciated by the parents of the ward.	
	Slow learners class	Yes	Conducted	
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	Yes	More no. of faculty participated.	
	Adjunct faculty details	Yes	Two Adjunct faculties are noticed.	
	Innovations by the faculty in Teaching-Learning Process	Yes	AI tools are used in TLP.	

17/12

CRITERION 3: Research, Innovations and Extension	Academic Research- Research Publications	Yes	Verified. SCI -32 Scopus - 19
	Sponsored Research - Research Projects	Yes	02 Ongoing project worth of 80 lakhs. Funding agencies ARDB & ministry of Mines.
	Consultancy Projects and Outcomes	Yes	Additional attention on consultancy activities.
	Research Supervisor and Research Scholars	Yes	Research Supervisors – 06 Research Scholars – 19 Improvement is noted.
	Seed Money Policy and outcome with utilization certificate	Yes	2 faculty members received worth of Rs. 1,60,000. Submitted the utilization certificate of two projects is noticed.
	Incentive File	Yes	Received publication incentive total worth of Rs. 2,39,300. (14 Beneficiaries) Received a project incentive of Rs. 4,70,191 (5 beneficiaries) from the institution.
	Faculty competencies and outcomes	Yes	Noticed Covered all the verticals.
	Laboratories (Area, Equipment, Registers and	Yes	Well organized and
CRITERION 4:			

Infrastructure and Learning Resources	Manuals) and Laboratory Records		documented. Received a budget of Rs 45.5 lakhs for procuring new equipments.	Success rate without backlog is a concern. Need serious attention.
	Department Library	Yes	Available Total Volumes: 886	
	Social Development Club activities	Yes	Activities are noticed	
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	Yes	Participation is good. It is noticed that ELGI centre of Excellence is established to support the student activities.	
CRITERION 5: Student support and Progression	Semester End Examination Result Analysis	Yes	Well documented	Needs overall improvement.
	Continuous Internal Assessment Result Analysis	Yes	Process is noticed. Need improvement.	
	Scholarship (Government and Non-Government)	Yes	Documented.	
	Professional Society Activities	Yes	Activities are noticed. Received few prizes.	
	Technical Association Activities	Yes	Organized by the department. Good participation of the students is observed and well documented.	
	Placement, Higher studies and Entrepreneurs list	Yes	On Campus : 39 Off Campus : 05 Higher Studies : 08	

21/11/22

CRITERION 6: Governance, Leadership and Management	Achievements in Co-Curricular and Extra Curricular activities	Yes	Entrepreneur : Nil Students are participated in the National / State level. College level events and Institute support / Sponsored in all the activities. Management fund : Rs.2.54 Lakhs Prizes : 1.5 Lakhs	
	Department Budget (Allocation and Utilization)	Yes	Verified. % of utilization against sanctioned budget : 67.83%	
	Decentralization	Yes	As per the institutional policy executed.	
	Students Feedback on faculty	Yes	Available, Effective system is noticed.	
CONTINUOUS IMPROVEMENT				
Continuous Improvement	PART A-COs Attainment			
	Course outcomes for all courses	Yes	Correlation matrix is noticed	Effective correlation is required
	Programme Articulation matrix and Course Articulation matrix	Yes	Noticed.	
	Attainment of Course outcomes	Yes	Verified.	Concern on target set values.
	COs attainment and Action taken for improvement	Yes	Verified. Action taken is noticed	Need Improvement.
PART B-POs/PSOs Attainment				

102

	Attainment of POs and PSOs	Yes	Documented	Needs improvement. More weightage is noticed on Indirect method Keep it 10%.
	Action taken for CI based on POs/PSOs	Yes	Action taken report available.	Effective implementation needs in terms of effective TLP Assessment, Evaluation and Monitoring.

SWOC ANALYSIS

I. Strengths:

Well Qualified young dynamic faculty members with an average service of 12 Years.
Good research and learning environment is noticed.
Interaction with professional societies and industries are noticed.
Few effective innovative pedagogical practices are observed.
Records are well documented and placed.

II. Weakness:

Effective training to slow learners and impact analysis to improve their success rate
Effective CO- PO mapping and attainment of CO's and PO's. Considering Target set values.

III. Opportunities:

Adaptation of NEP policies in curriculum design, assessment of evaluation.
Introducing skill based courses in interdisciplinary and multidisciplinary areas.
Industry driven / Supported training activities.

IV. Challenges:

Student input quality and enrollment in core disciplines

10/2

Placement and packages.

Any Other Comments

Nil



Signature of the Auditor



Head of the Auditee Department

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**



27.11.2024

**ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024
DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING**

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	- Initiation has been taken to establish industry supported lab - CSIR funding has been recently received by a faculty - Few more collaborations joint research- Institute- Industry partnership can be executed - Joint research call for proposals can be done to promote research - Patents granted can be made to commercialization	- Established industry supported lab partnership with Mechmet Engineers, Coimbatore and have conducted hands-on training and workshops. - Encourage faculty participation in government/industry-funded projects. - Identify and establish formal MoUs with reputed institutions to jointly execute research projects and share resources. - Organize research proposal writing workshops and collaborative meetings to invite and encourage joint project submissions.

CRITERION 1 Curricular Aspects	• Value added courses can be extended to other nearby institutions	• Utilize existing infrastructure and expertise to conduct Value added course and training programs for nearby institutions, fostering regional academic growth.
CRITERION 2 Teaching, Learning and Evaluation	• Faculty exchange and student exchange programmer can be extended between industries by SREC faculty • EDC cell activities can be enhanced by many faculties by for enhancing startup activities/mentoring/etc • Year wise PERT analysis can be done for analytical subject with poor results. Action taken progress by year wise can be maintained	• Establish partnerships with industries to facilitate faculty and student exchanges, enabling hands-on learning and industry exposure. Two students has been sent for internships program, courses and sponsored through student mobility scheme. • Conduct specialized training sessions, mentorship programs, and startup boot camps led by faculty members to boost entrepreneurial initiatives. • Implement PERT analysis for challenging subjects, track progress year-wise, and incorporate targeted interventions like remedial classes and practice tests

CRITERION 3: Research, Innovations and Extension	• External academican/industry expects can be initiated as adjunct faculties. Increase the involvement for every year • Display of products by the faculty can be exhibited	• Develop a structured program to on board external academicians and industry experts, ensuring their involvement in curriculum delivery and mentorship each academic year. • Organize annual Product/Project exhibitions showcasing innovations and projects by faculty members to promote knowledge sharing and industry collaboration.
CRITERION 4: Infrastructure and Learning Resources	• No of journal can be increased for better research • Patent search tools can be procured	• Encourage faculty and students to publish in reputed journals by providing awards/rewards.
CRITERION 5: Student support and Progression	• SDG: Certain technical activities to be done	• Organize workshops, hackathons, and projects focused on Sustainable Development Goals (SDGs) such as clean energy, water management, and smart agriculture, integrating them into academic and extracurricular activities.
CRITERION 6: Governance, Leadership and Management	• More funding can be encouraged for doing quality research	• Assign a dedicated faculty member to identify funding opportunities, prepare research proposals, and establish connections with government agencies and industries to secure research sponsorships.

CONTINUOUS IMPROVEMENT			
Continuous Improvement	PART A-COs Attainment		
	Course outcomes for all courses	NIL	
	Programme Articulation matrix and course Articulation matrix		
	Attainment of course outcomes		
	COs attainment and Action taken for improvement		
	PART B-POs/PSOs Attainment		
	Attainment of POs and PSOs	NIL	
	Action taken for CI based on POs/PSOs		

SWOC ANALYSIS	
I. Strengths:	• Team spirit is obvious among the faculty members • Domain work expects knowledge is trivial for collaborative research to joint enhances with institute & institute collaboration
II. Weakness:	• Funding opportunities has to be strength • Institute- Institute collaboration has to be strengthen • Publications in was has to be increased • International patents & product commercialization can be attained in near future
III. Opportunities:	• Good networking with faculty exchange, student exchange can be utilized • CSR funds can be utilized for technical development

- More for activities can be included for entrepreneurship activities

IV. Challenges:

- Higher studies students involvement can be enhanced
- High speed computing facilities with latest software can be processed

Any Other Comments

NIL


DQAC member
 [T. ARAVINDAKUMAR]


 Head of the Department


Director-IQAC
 Dr. K. SRINIVASAN, M.E., Ph.D.,
 DIRECTOR
 Internal Quality Assurance Cell
 Sri Ramakrishna Engineering College
 Coimbatore - 641 022


 Chairperson IQAC

ACADEMIC & ADMINISTRATIVE AUDIT (AAA) 2023-2024 External Audit	Sri Ramakrishna Engineering College, Coimbatore INTERNAL QUALITY ASSURANCE CELL (IQAC)
---	---

EXTERNAL AUDIT

Description	Details
Name of the Department	Electronics & Instrumentation Engineering
Date of Audit	25/11/24
Name, Designation and Address of Auditor	Dr. C. Sharmela Anna University

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	Yes	* Initiation has been taken to establish industry supported lab * CSIR funding has been recently received by a faculty.	* Few more Collaborative Joint research - Inst - Inst partnership can be executed * Joint research Call

for proposals can be done to promote research
 * Patents filing can be made to commercialization

CRITERION 1 Curricular Aspects	Minutes of Board of studies	yes		* Value added courses can be extended to other nearby institutions
	Minutes of Academic and Administrative committee meetings	yes		
	Curriculum Development Cell	yes		
	One credit courses, Direct self-study, NPTEL credit transfer / other online certifications	yes		
	Stakeholders feedback:			* Faculty exchange and student exchange programmes can be conducted between institutes by SATC faculty.
	(i) For defining Vision, Mission, PEOs and PSO's	yes		
	(ii) Curriculum Enrichment and Compliance			
CRITERION 2: Teaching, Learning and Evaluation	Quality of Student Projects	yes		
	Internship/Industrial training with feedback analysis			
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts			
	Assignments and Evaluation			
	Course files(All Courses, Laboratory Courses and Project)			
	Patent and Copyrights			
	Teaching and Non-teaching Profile			

CRITERION 3: Research, Innovations and Extension	Entrepreneurship cell (EDC)			* EDC cell activities can be enhanced by many faculties by for enhancing startup activities / mentoring / etc. * Year wise PERT analysis can be done for analytical subjects with poor results. Action taken progress by yearwise can be maintained * External academicians / industry experts can be invited as Adjunct faculties. - Increase the involvement for every year. * Display of projects by the faculty can be exhibited
	Faculty as participants in FDP/STTPs/Trainings			
	Tutor Ward Meeting / Class Committee Minutes			
	Slow learners class			
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)			
	Adjunct faculty details			
	Innovations by the faculty in Teaching-Learning Process			
	Academic Research- Research Publications			
	Sponsored Research - Research Projects			
	Consultancy Projects and Outcomes			
	Research Supervisor and Research Scholars			
	Seed Money Policy and outcome with utilization certificate			
	Incentive File			
	Faculty competencies and outcomes			

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records				→ No of journal can be ^{intl} increased for better research → Patent search tools can be processed.
	Department Library				
	Social Development Club activities				
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities				
CRITERION 5: Student support and Progression	Semester End Examination Result Analysis				- Towards ^{certain} SDG: <u>technical</u> activities to be done
	Continuous Internal Assessment Result Analysis				
	Scholarship (Government and Non-Government)				
	Professional Society Activities				
	Technical Association Activities				
	Placement, Higher studies and Entrepreneurs list				
	Achievements in Co-Curricular and Extra Curricular activities				
	Department Budget (Allocation and Utilization)				
CRITERION 6: Governance, Leadership and Management	Decentralization				
	Students Feedback on faculty				
					- More funding can be encouraged for doing quality research

CONTINUOUS IMPROVEMENT				
Continuous Improvement	PART A-COs Attainment		PART B-POs/PSOs Attainment	
	Course outcomes for all courses			
	Programme Articulation matrix and Course Articulation matrix			
	Attainment of Course outcomes			
	COs attainment and Action taken for improvement			
	Attainment of POs and PSOs			
	Action taken for CI based on POs/PSOs			

SWOC ANALYSIS	
I. Strengths:	- Team <u>spirit</u> is obvious among the faculty members - Domain ^{work} Experts knowledge is trial for collaborative research to join enhance with institute - not collaboration.
II. Weakness:	- Funding opportunities has to be strengthened - Institute - Institute collaboration has to be strengthened - Publications in was has to be increased - International Patents can be obtained in near future to product commercialisation

III. Opportunities:

- Good networking with faculty exchange, student exchange can be utilised

- CSP funds can be utilised for technical development

IV. Challenges:

- More facilities can be involved for entrepreneurship activities

- Higher studies students involvement can be enhanced

- High speed computing facilities with latest softwares can be procured.

Any Other Comments

Renee L. G.
25/11/24

Signature of the Auditor

Head of the Auditee Department

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**



27.11.2024

**ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024
DEPARTMENT OF ROBOTICS & AUTOMATION**

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	Pre-Qualifier submitted SAR under preparation.	Prequalifier is submitted in November 2024. and approved by the NBA. Further to submit the SAR on or before December 2024.
CRITERION 1 Curricular Aspects	- Encourage the students to enroll in MOOC Swayam and courses regularly - Documentation of records of the process of defining vision and mission statement and dissemination - Periodic review and compliance process to be strengthened through a feedback mechanism - Needs more attention - Effective impact analysis on internship / Industrial training is needed	- Plan to conduct awareness programs for students to enroll in Swayam and other online courses. - Vision and mission statements will be disseminated through stakeholder workshops and via institutional platforms. - Plan to Implement structured feedback mechanisms and periodic reviews to address gaps and ensure compliance. - Suitable framework will be established for evaluating internship outcomes and prepared annual reports with actionable recommendations.

CRITERION 2 Teaching, Learning and Evaluation	• It is noticed that few questions address low level of blooms only in SEE • Needs more effective. Industry / application - oriented questions • Needs more designs registration from the students • Futuristic training on technologies are needed • Entrepreneurship cell (EDC) – 2 activities per year are noticed – To be strengthened by insisting prospective stakeholders • To be strengthened by insisting prospective stakeholders • Participation in multidisciplinary training programs • Impact analysis report to be generated • Needs more attention • More provision is required • Needs improvements	• Revise question papers to incorporate higher-order cognitive skills (e.g., analysis, synthesis, evaluation) to move beyond low-level questioning. • Attention should be given to identifying industry-relevant projects and problem statements, ensuring that students effectively engage with and address them through various approaches and formats. • Encourage students to develop and register innovative designs. • Hands on training sessions planned on emerging technologies such as AI, ROS, IoT, and Industry 4.0 • Increase EDC activities by collaborating with stakeholders and hosting entrepreneurship boot camps and guest lectures. • Encourage students to involve in multidisciplinary projects and training through inter-departmental collaborations and external certifications. • Plan to conducted regular review meetings to monitor progress and ensure continuous enhancements in teaching and evaluation processes.
CRITERION 3: Research,	• Limited papers in domain areas such as robotics, AI, and other fields • Needs more attention	• Encouraged faculty and students to publish papers in robotics, AI, and automation through conferences.

Innovations and Extension	- Needs more faculty with Ph.D in the domain of robotics - Attract research scholars in robotics and automation domain - More training is required on advanced courses	- Initiated advertisement in faculty plus to hire faculty with expertise and Ph.D. qualifications in robotics and automation. - Plan to organize training sessions and certifications on advanced courses like AI, machine learning, and robotics applications.
CRITERION 4: Infrastructure and Learning Resources	- Department Library – Good collections of books are noticed - Needs more activity / programs - Needs improvement	- Expanded the collection with updated books, e-resources, and journals to support diverse learning needs. - Initiated library-based activities like workshops, book clubs, and resource orientation programs for students and faculty.
CRITERION 5: Student support and Progression	- Need more activities helped internship and industrial tours and delivery content beyond syllabus - Needs overall improvement - Encourage to participate in national level competitions	- Additional industrial visits are planned to enhance internship opportunities by collaborating with leading industries for hands-on experience. - Strengthened student support services, including academic counseling, career guidance, and soft skill development workshops.
CRITERION 6: Governance, Leadership and Management	Effective implementation and action taken reports are missing.	Established a formal process for documenting and sharing implementation and action taken reports to ensure transparency and accountability in governance and management.
CONTINUOUS IMPROVEMENT		
PART A-COs Attainment		

Continuous Improvement	Course outcomes for all courses		
	Programme Articulation matrix and course Articulation matrix		
	Attainment of course outcomes		
	COs attainment and Action taken for improvement	- Improper mapping in a few course is noticed - Proper tools to be used for the attainment with specific target set values - Need attention	- Mapping for all the courses will be revisited - Implement specific tools and metrics for tracking course outcomes and set target for measurable improvement.
PART B-POs/PSOs Attainment			
	Attainment of POs and PSOs		
	Action taken for CI based on POs/PSOs	- Need attention - Effective process is missing	Develop and implement the structured process for continuous improvement of POs and PSOs

SWOC ANALYSIS

I. Strengths:

- Good number of faculty with multi-disciplinary concept
- Well established laboratories facilities
- Good learning environment
- Good number of Industry collaborations are noticed

II. Weakness: • Research Grants external sponsored research grants from funding agencies and from industries • Consultancy activities • Effective Understanding of OBE practices
III. Opportunities: • Multi –disciplinary research • Introduction of more skill based multi-disciplinary learning to enhance knowledge levels • Effective industry ready courses • Effective implementation of NEP in curriculum and other avenues
IV. Challenges: • Job Opportunities with attractive salary packages
Any Other Comments NIL

R. Sudhan

DQAC member

[Signature]
Director-IQAC
 Dr. K. SRINIVASAN, M.E., Ph.D.,
 DIRECTOR
 Internal Quality Assurance Cell
 Sri Ramakrishna Engineering College
 Coimbatore - 641 022

[Signature]
Head of the Department

[Signature]

Chairperson IQAC

ACADEMIC & ADMINISTRATIVE AUDIT (AAA) 2023-2024 External Audit	Sri Ramakrishna Engineering College, Coimbatore INTERNAL QUALITY ASSURANCE CELL (IQAC)
---	---

EXTERNAL AUDIT
SECTION A: ACADEMIC FILES

Description	Details
Name of the Department	Robotics and Automation
Date of Audit	23.11.2024
Name, Designation and Address of Auditor	Dr.L.Ravi Kumar Professor & Vice Principal B.M.S. College of Engineering, Bangalore

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern/ Weakness/Deficiencies of latest NBA visit	NA	Pre-Qualifier SAR Under Preparation Submitted	-

[Signature]

CRITERION 1 Curricular Aspects	Minutes of Board of studies	Verified Documented Yes	Verified 2 meetings dated 08/11/23 and 06/04/24 conducted	
	Minutes of Academic and Administrative committee meetings	Verified Documented Yes	Verified Regular Meetings are observed	
	Curriculum Development Cell	Yes	Conducted a series of meetings with stakeholders and documented their responses and implemented	
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	Yes	As per the university credit structure, few one-credit courses are introduced on skill enhancement and advanced courses	Encourage the students to enroll in MOOC Swayam and courses regularly.
	Stakeholders feedback: (i) For defining Vision, Mission, PEOs and PSOs (ii) Curriculum Enrichment and Compliance	Yes No	 Process is in place no one	Documentation of records of the process of defining vision and mission statement and dissemination Periodic review and compliance process to be strengthened through a feedback mechanism.
	Quality of Student Projects	Yes	Few Projects are noticed	Needs more attention
	Internship/Industrial training with feedback analysis	Yes	As per the university regulations	Effective Impact analysis on Internship/Industrial training is needed
CRITERION 2:	Quality of Question paper and Answer key in	Yes	Okay	It is noticed that few questions

10/2

Teaching, Learning and Evaluation	Internal tests with sample Answer Scripts				address low level of blooms only in SEE
	Assignments and Evaluation		Yes	Process is Observed	Needs more effective Industry/application-oriented questions
	Course files(All Courses, Laboratory Courses and Project)		Yes	Documented	
	Patent and Copyrights		Yes	4 – Patents 1 – Copyrights	Needs more design registration from the students
	Teaching and Non-teaching Profile		Yes	Well-qualified skilled staff members are noticed	Futuristic training on technologies are needed
	Entrepreneurship cell (EDC)		Yes	2 activities per year are noticed	To be strengthened by insisting prospective stakeholders
	Faculty as participants in FDP/STTPs/Trainings		Yes	Actively participated in FDP’S and Swayam and NPTEL Courses	Participation in multidisciplinary training programs
	Tutor Ward Meeting / Class Committee Minutes		Yes	Conducting regularly, verified	Impact analysis report to be generated
	Slow learners class		Yes	Process is noticed	Needs more attention
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)		Yes	Good participation is noticed	-
	Adjunct faculty details		Yes	One Adjunct faculty is noticed	More Provision is required
	Innovations by the faculty in Teaching-Learning Process		Yes	Innovation by faculty is noticed and documented	Needs Improvement
	Academic Research- Research Publications		Yes	Documented and good number of publications are noticed	Limited papers in domain areas such as robotics, AI, and other fields.
CRITERION 3: Research, Innovations					

and Extension	Sponsored Research - Research Projects	No	SCI – Noticed No Sponsored Projects	Needs more attention
	Consultancy Projects and Outcomes	Yes	Only one Project with the cost of 5.5 lakhs	Needed more attention
	Research Supervisor and Research Scholars	Yes	4 – Ph.D 2 - Supervisors 2 – Research Scholar	Needs more faculty with Ph.D in the domain of robotics. Attract research scholars in robotics and automation domain
	Seed Money Policy and outcome with utilization certificate	Yes	Vell-defined Policy is noticed Utilization is noticed	-
	Incentive File	Yes	-	-
	Faculty competencies and outcomes	Yes	Faculty competencies are noticed	More training is required on advanced courses
CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	Yes	Well established and well maintained	
	Department Library	Yes	Volume Title	Good collection of books are noticed
	Social Development Club activities	Yes	Robo Club, Noticed	Needs more activity / Programs
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	Yes	Center of excellence is noticed	Needs Improvement
	Semester End Examination Result Analysis	Yes	Documented	
CRITERION 5: Student support and Progression	Continuous Internal Assessment Result Analysis	Yes	Documented	
	Scholarship (Government and Non-Government)	Yes	Documented and list is verified	
	Professional Society Activities	Yes	Activities are noticed.	Need more activities to helped

172

			Received few prizes.	internship and Industrial tours and delivery content beyond syllabus
	Technical Association Activities	Yes	Organized by the department. Good participation of the students is observed and well documented.	
	Placement, Higher studies and Entrepreneurs list	Yes	On Campus : 13 Off Campus : 6 Higher Studies : 10 Entrepreneur : Nil	Needs overall improvement.
	Achievements in Co-Curricular and Extra Curricular activities	Yes	Students are participated in the National / State level. College level events and Institute support / Sponsored in all the activities. Prizes : 75 Thousand	Encourage to participate in national level competitions.
CRITERION 6: Governance, Leadership and Management	Department Budget (Allocation and Utilization)	Yes	Well defined	
	Decentralization	Yes	Well Defined policies are noticed	
	Students Feedback on faculty	Yes	System is exist	Effective implementation and action taken reports are missing
CONTINUOUS IMPROVEMENT				
PART A-COs Attainment				
Continuous	Course outcomes for all courses	Yes	Defined in all courses	

1/12

Improvement	Programme Articulation matrix and Course Articulation matrix	Yes	Documented	Improper mapping in a few courses is noticed
	Attainment of Course outcomes	Yes	Documented	Proper tools to be used for the attainment with specific target set values
	COs attainment and Action taken for improvement	Yes	Attainment is noticed	Needs attention
PART B-POs/PSOs Attainment				
	Attainment of POs and PSOs	Yes	Noticed	Needs attention
	Action taken for CI based on POs/PSOs	Yes	Few actions are noticed	Effective process is missing

SWOC ANALYSIS

I. Strengths:

Good number of faculty with multi-disciplinary concept
Well established laboratories facilities
Good Learning environment
Good number of Industry collaborations are noticed

II. Weakness:

Research Grants external sponsored research grants from funding agencies and from industries
Consultancy activities
Effective Understanding of OBE Practices

III. Opportunities:

Multi-disciplinary research
Introduction of more skill based multi-disciplinary learning to enhance knowledge levels

Page 2

Effective Industry ready courses
Effective implementation of NEP in curriculum and other avenues

IV. Challenges:
Job Opportunities with attractive salary packages

Any Other Comments

Nil



Signature of the Auditor



Head of the Auditee Department

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**



27.11.2024

ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	Establish more collaboration of department competency group with leading institutes and industries	<i>Based on competencies industrial collaboration is established through MOU, professional societies and associations.</i>
CRITERION 1 Curricular Aspects	- Training & Trainer development of course modules for training the students - Commercialization to be carried out	* Course modules are being developed. * Initiatives are taken for training the 'Trainer'. * Startup initiatives will be taken thru SPARK incubation centre.
CRITERION 2 Teaching, Learning and Evaluation	- Motivate the students to participate in startup initiative program - Regular follow up of student back logs in end semester exam improvement for the same to be recorded	* More startup initiative programs are being planned thru EDC. * Mentoring sessions are carried out through tutors and AOs to improve student performance in end semester exam.
CRITERION 3: Research, Innovations and Extension	- SCI publication (Q1, Q2 was to be focused) - Incorporate institute collaboration	* Planned for more Q1 & Q2 publication through competencies. * More focus towards collaborative research with premiere institute.

CRITERION 4: Infrastructure and Learning Resources	Any domain specific laboratory/ centers of Excellence can be opened 24x7	* central innovation centre in the campus is available at 24x7 for the benefit of students and faculty.
CRITERION 5: Student support and Progression	NIL	-
CRITERION 6: Governance, Leadership and Management	NIL	-
CONTINUOUS IMPROVEMENT		
Continuous Improvement	PART A-COs Attainment	
	Course outcomes for all courses	Comparison of CO attainment for the respective course can be done for three years
	Programme Articulation matrix and course Articulation matrix	
	Attainment of course outcomes	
	COs attainment and Action taken for improvement	
	PART B-POs/PSOs Attainment	
	Attainment of POs and PSOs	NIL
	Action taken for CI based on POs/PSOs	
		-

SWOC ANALYSIS

I. Strengths:

- Team work can help in getting more research project/publication
- Good infrastructure can be utilized for execution of industry interaction
- Faculty retention
- Student project can be connected into communalization

II. Weakness:

- SCI publication has to be focused
- Funded project are to be improved
- Research collaboration between more industries can be executed in the near future

III. Opportunities:

- Startup activities can be scaled up for commercialization
- Course module development can be improved

IV. Challenges:

- More seed grants can be initiated further quality research

Any Other Comments

Networking with other institute for project submission student internship and product development can be extended

DQAC member

Director-IQAC

Dr. K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR

Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022

Head of the Department

Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**

EXTERNAL AUDIT

Description	Details
Name of the Department	EEE
Date of Audit	25/11/24
Name, Designation and Address of Auditor	Dr. C. Shameela Professor / OEEE / CEG / Aufchies

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	Yes	* Appreciation on appointing Adjunct faculty * More funding is applied.	Establish more collaboration of department competency groups with leading institutes and industries

CRITERION 1 Curricular Aspects	Minutes of Board of studies	Yes	-	Training & Trainer : development of course modules for training the students. Commercialization to be carried out.
	Minutes of Academic and Administrative committee meetings	Yes	-	
	Curriculum Development Cell	Yes	-	
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	Yes	Things are in place	
	Stakeholders feedback: (i) For defining Vision, Mission, PEOs and PSOs (ii) Curriculum Enrichment and Compliance	Yes	It is being observed that as per NBA norms that no. of PEO's has been redefined from 2 to 3.	
	Quality of Student Projects	Yes	Observed that good number of projects, developed into products	
	Internship/Industrial training with feedback analysis	Yes	-	
CRITERION 2: Teaching, Learning and Evaluation	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	Yes	-	
	Assignments and Evaluation	Yes	-	
	Course files(All Courses, Laboratory Courses and Project)	Yes	-	
	Patent and Copyrights	Yes	-	
	Teaching and Non-teaching Profile	Yes		

	Entrepreneurship cell (EDC)	Yes	No funded entrepreneur for AY 2023-24	Motivate the students to participate in startup initiative programs.
	Faculty as participants in FDP/STTPs/Trainings	Yes	-	
	Tutor Ward Meeting / Class Committee Minutes	Yes	-	
	Slow learners class	Yes	Evident improvement is present	Regular followup of student backlog in end semester exam
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	Yes	-	- Improvement for the same to be recorded.
	Adjunct faculty details	Yes	-	
	Innovations by the faculty in Teaching-Learning Process	Yes		
	Academic Research- Research Publications	Yes		SCI Publications (Q1, Q2, was to be focused)
	Sponsored Research - Research Projects	Yes	Need higher improvement.	Incorporate Institute Institute Collaboration.
	Consultancy Projects and Outcomes	Yes	Need improvement	
CRITERION 3: Research, Innovations and Extension	Research Supervisor and Research Scholars	Yes	-	
	Seed Money Policy and outcome with utilization certificate	Yes	-	
	Incentive File	Yes	-	
	Faculty competencies and outcomes	Yes	-	

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	Yes	—	Any domain specific Laboratory / Courses of Excellence can be opened 24x7
	Department Library	Yes	—	
	Social Development Club activities	Yes	—	
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	Yes	Appreciations for establishing CoE in Environment	
	Semester End Examination Result Analysis	Yes	—	
CRITERION 5: Student support and Progression	Continuous Internal Assessment Result Analysis	Yes	—	
	Scholarship (Government and Non-Government)	Yes	—	
	Professional Society Activities	Yes	—	
	Technical Association Activities	Yes	—	
	Placement, Higher studies and Entrepreneurs list	Yes	—	
	Achievements in Co-Curricular and Extra Curricular activities	Yes	—	
	Department Budget (Allocation and Utilization)	Yes	—	
	Decentralization	Yes	—	
CRITERION 6: Governance, Leadership and Management	Students Feedback on faculty	Yes	—	

CONTINUOUS IMPROVEMENT

PART A-COs Attainment

Continuous Improvement	Course outcomes for all courses	Yes	—	Comparison of CO attainment for the respective course can be done for three years.
	Programme Articulation matrix and Course Articulation matrix	Yes	—	
	Attainment of Course outcomes	Yes	—	
	COs attainment and Action taken for improvement	Yes	—	
	PART B-POs/PSOs Attainment			
	Attainment of POs and PSOs	Yes	—	
	Action taken for CI based on POs/PSOs	Yes	—	

SWOC ANALYSIS

- I. Strengths:** Team work can help in getting more research projects/publication
- II. Weakness:** Faculty orientation of industry - Inst (Inst)
- Student projects can be converted into Inst - inst. Collaboration. Commercialisation
- SCIT publications has to be focused
- Funded projects are to be improved
- Research collaboration between more industries can be executed in the near future.

III. Opportunities:

- Startup activities can be scaled up for commercialisation
- Course Module development can be improved

IV. Challenges:

- More seed growth can be initiated for further quality research

Any Other Comments

- Networking with other institutes for project submission
student internship and product development can be extended.

Received by 25/10/24

Signature of the Auditor

(C. Sharmae.g.)

S. H. G.

25/10/2024

Head of the Auditee Department

D. S. ALI RANJ

P/EE

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**



27.11.2024

**ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	For Scopus / SCI. Its please keep the proof along with paper itself	The Proof copy is placed.
CRITERION 1 Curricular Aspects	- Preparation going on for revised syllabus / curriculum - Useful option to the students - Updated details are available for further enhancement - Useful for 'contents beyond curriculum' - Some more work could be towards publication oriented - Good initiative students to learn about industry projects	Noted.
CRITERION 2 Teaching, Learning and Evaluation	- Quality of Question paper is satisfactory - Properly maintained - More towards CSE oriented patents would be better	More encouragement will be given for faculty and students towards applying CSE domain based patents.

	• Sufficient manpower profiles • More encouragement required • More on online attending • More on feedback analysis would be better • More action / activities in a different way to attract students needed satisfactory • More adjunct faculty could be recruited • Satisfactory	More feedback analysis will be incorporated in future.
CRITERION 3: Research, Innovations and Extension	• Some suggestion are given to HOD / Faculty • Attempts are being made • More efforts by faculty required • Satisfactory • More encouragement to faculty to utilize this facility needed • Details are available • Supported encouragement • More interdisciplinary domains may be encouraged	More Encouragement to faculty will be given.
CRITERION 4: Infrastructure and Learning Resources	• Neatly maintained • Outstanding library user circular is encouraging • Satisfactory • Students – driven research to be encouraged	Noted.

CRITERION 5: Student support and Progression	• Satisfactory • Scope for improvement / analysis • ALM membership by college support to the faculty –needed • Scope for 100% placement • Scope for improvement	Noted.
CRITERION 6: Governance, Leadership and Management	• Utilization happens to be good • HODs are empowered to this utilization • Satisfactory	Noted.
CONTINUOUS IMPROVEMENT		
Continuous Improvement	PART A-COs Attainment	
	Course outcomes for all courses	• Differentiate between course objectives & course outcomes • Scope for improvements • Justification for attainment needed
	Programme Articulation matrix and course Articulation matrix	
	Attainment of course outcomes	
	COs attainment and Action taken for improvement	
	PART B-POs/PSOs Attainment	
	Attainment of POs and PSOs	• Scope for CI
	Action taken for CI based on POs/PSOs	
Noted.		

SWOC ANALYSIS

I. Strengths:

- Students Admission is full – most sought after department

- Placement are good
- Faculty retention in high
- Specialization with AI / ML & AR – VR are encouraging the faculty

II. Weakness:

- Project funding
- Consultancy
- Quality publications by faculty & students

III. Opportunities:

- Industry supported / sponsored lab for research & regular Teaching – learning
- Visiting / Adjunct / professor – of – practice

IV. Challenges:

- More the students strength – more qualified / quality – driven faculty & infrastructure
- Placement & internship for all students

Any Other Comments

- Faculty should be given a separate provision (or partition) in the canteen that servers both students & faculty at present
- More canteen by different vendors in order to provide better quality (with moderate cost) as a competitor to the existing vendor


DQAC member


Head of the Department


Director-IQAC
Dr. K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR
Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022


Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT**
(AAA) 2023-2024
External Audit

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL AUDIT

Description		Details
Name of the Department		Computer Science & Engineering
Date of Audit		23/11/24
Name, Designation and Address of Auditor		K. CHANDRASEKARAN, Professor CSE, NITK Suratkal, Mangalore-575025

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	yes	Properly maintained	For scope/SCI Jls Pl. keep the proof along with paper itself.

CRITERION 1 Curricular Aspects	Minutes of Board of studies	available	neatly maintained	—
	Minutes of Academic and Administrative committee meetings	available	"	—
	Curriculum Development Cell	available	"	Preparation going on for revised syllabus/curriculum
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	exists	details are maintained	useful options to the students
	Stakeholders feedback:			updated details are available for further enhancement
	(i) For defining Vision, Mission, PEOs and PSOs	exists	maintained	useful for 'contents beyond curriculum'
	(ii) Curriculum Enrichment and Compliance	exists	— do —	some more work could be towards publication oriented,
	Quality of Student Projects	available	details are maintained	good initiative for students to learn about industry projects
	Internship/Industrial training with feedback analysis	available	details are available.	quality of g.p.p. projects is satisfactory.
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	available	file exists	Satisfactory.
CRITERION 2: Teaching, Learning and Evaluation	Assignments and Evaluation	"	"	Properly maintained,
	Course files(All Courses, Laboratory Courses and Project)	available	available	more towards CSE oriented
	Patent and Copyrights	available	appreciated,	Patents would be better.
	Teaching and Non-teaching Profile	available	appreciated	sufficient manpower profiles

CRITERION 3: Research, Innovations and Extension	Entrepreneurship cell (EDC)	available	only a few entrepreneurs	more encouragement required more on online attending more on feedback analysis would be better
	Faculty as participants in FDP/STTPs/Trainings	details available	documents available	more actions/activities in a different way to attract students needed satisfactory.
	Tutor Ward Meeting / Class Committee Minutes	details available	documents are available	more adjustment faculty could be recruited, satisfactory
	Slow learners class	documents available	available	
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	- do -	- do -	
	Adjunct faculty details	provision available	only a few on rolls	
	Innovations by the faculty in Teaching- Learning Process	available	modern ICT tools	
	Academic Research- Research Publications	available	documents maintained,	Some suggestions are given to HOD/faculty Attempts are being made
	Sponsored Research - Research Projects	Provisions are available	only one/two	more efforts by faculty required.
	Consultancy Projects and Outcomes	- do -	only a few	satisfactory.
	Research Supervisor and Research Scholars	available	details are supported,	more encouragement to faculty to utilise this facility needed.
	Seed Money Policy and outcome with utilization certificate	Provisions available	details/documents provided.	details are supported for available / encourage
	Incentive File	- do -	- do -	
	Faculty competencies and outcomes	available	documents being established,	more interdisciplinary domains may be encouraged.

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	available	good facilities	neatly maintained
	Department Library	available	visited.	outstanding library user circular is encouraging
	Social Development Club activities	available	documents available	satisfactory.
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	AR-VR, HPC available	facilities are useful.	students-driven research to be encouraged,
CRITERION 5: Student support and Progression	Semester End Examination Result Analysis	exists	proper documents available.	satisfactory.
	Continuous Internal Assessment Result Analysis	exists	properly documented,	scope for improvement/analyses.
	Scholarship (Government and Non-Government)	exists	various schemes	satisfactory.
	Professional Society Activities	available	only IEEE, CSI are not sufficient	ACM membership by college ^{to be} faculty - needed
	Technical Association Activities	available	activities are being carried out	satisfactory
	Placement, Higher studies and Entrepreneurs list	available	good % of placement	scope for 100% placement
	Achievements in Co-Curricular and Extra Curricular activities	available	documents are being provided.	scope for improvement
	Department Budget (Allocation and Utilization)	available	documents are available.	utilization happens to be good.
CRITERION 6: Governance, Leadership and Management	Decentralization	available	- do -	Heads are empowered to this utilization
	Students Feedback on faculty	good system	online	satisfactory.

CONTINUOUS IMPROVEMENT

PART A-COs Attainment

Continuous Improvement	Course outcomes for all courses	available	Attainment justification	differentiate between course objectives & course outcomes
	Programme Articulation matrix and Course Articulation matrix	available	documents are presented,	scope for improvement
	Attainment of Course outcomes	available	- do -	Justification for attainment needed
	COs attainment and Action taken for improvement	available	- do -	Satisfactory
	PART B-POs/PSOs Attainment			
	Attainment of POs and PSOs	available	documents are available	satisfactory
	Action taken for CI based on POs/PSOs	available	- do -	scope for CI

SWOC ANALYSIS

- I. Strengths:
- Students' Admission is full - most sought-after department
 - Placements are good
 - Faculty retention is high
 - Specialization with AI/ML & AR-VR are encouraging the faculty
- II. Weakness:
- Project fundly
 - Consultancy
 - Quality Publications by faculty & students

III. Opportunities: - Industry supported / sponsored lab for research & regular Teaching-learning

- visiting / Adjunct / Professor - of - practice

IV. Challenges: - more the students' strength - more qualified / quality - driven faculty & infrastructure
- placement & internship for all students

Any Other Comments

- Faculty should be given a separate provision (or partition) in the canteen that serves both students & faculty at present.
- More canteens by different vendors in order to provide better quality (with moderate cost) as a competitor to the existing vendor.

 23/11/24
Signature of the Auditor
(K. Chandrasekaran)

23/11/24
Head of the Auditee Department

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

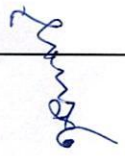
**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**



27.11.2024

**ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024
DEPARTMENT OF INFORMATION TECHNOLOGY**

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	• Additional proof is needed	Additional proof included suggested
CRITERION 1 Curricular Aspects	• Schedule – online proof • Proof – specialization • Credit Transfer mark sheet • Course Registration • Mark sheet • Project and diary	Included
CRITERION 2 Teaching, Learning and Evaluation	• Question paper scrutiny forms for each question paper to be maintained in the department. • Retest for poor performance students (Internal test) • Vidwan portal updation. Include Google scholar	Included

	• Participation list certificate • Summary sheet • Retest – Lateral to be Entry separate conductor • Request mail copy • Content creation	
CRITERION 3: Research, Innovations and Extension	• UC report • UC certificate • Account proof	Included 
CRITERION 4: Infrastructure and Learning Resources	• Name list – Activity • Social Relevant activities	Included 
CRITERION 5: Student support and Progression	• Schedule • Name list. • Summary • Proof to be added	Included 
CRITERION 6: Governance, Leadership and Management	NIL	

CONTINUOUS IMPROVEMENT

Continuous Improvement	PART A-COs Attainment		
	Course outcomes for all courses		
	Programme Articulation matrix and course Articulation matrix		
	Attainment of course outcomes		
	COs attainment and Action taken for improvement		
	PART B-POs/PSOs Attainment		
	Attainment of POs and PSOs		
	Action taken for CI based on POs/PSOs		

SWOC ANALYSIS

I. Strengths:

- Properly maintained all the files
- Geo tag – proof, teaching learning process
- Course files. Excellent organization and team work
- Coordination

II. Weakness:

- Additional proof for schedule, extracurricular activities
- Activities – name list should be included

III. Opportunities:

- Career guidance and counselling
- Data Analytics

IV. Challenges:

- Sponsored Research

Any Other Comments

- Overall feedback – files are well organized
- Course files are well maintained
- The documentation meets the requirements of IQAC


DQAC member

Director-IQAC


Dr. K. SRINIVASAN. M.E., Ph.D.,
DIRECTOR
Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022


Head of the Department

Dr. M. SENTHAMIL SELVI

Professor and Head

Department of Information Technology
Sri Ramakrishna Engineering College
Coimbatore - 641022

Chairperson IQAC



**ACADEMIC &
ADMINISTRATIVE AUDIT**
(AAA) 2023-2024
External Audit

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL AUDIT

Description		Details
Name of the Department		Information Technology
Date of Audit		23.11.2024
Name, Designation and Address of Auditor		Dr. M. Sangeetha, Associate Professor, Dept of IT, C.T.T

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	Yes	* Action plan- Listed. proof verified.	* Additional proof.

CRITERION 1 Curricular Aspects	Minutes of Board of studies	Yes	* BOS → Recorded	* A schedule
	Minutes of Academic and Administrative committee meetings	Yes	* Filed	* schedule - online proof.
	Curriculum Development Cell	Yes	* Filed	* proof → Specialization
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	Yes	* Filed	* Credit Transfer memorandum.
	Stakeholders feedback: (i) For defining Vision, Mission, PEOs and PSOs (ii) Curriculum Enrichment and Compliance	Yes	* Filed	* course Registration. * Marks sheet.
	Quality of Student Projects	Yes	* Project Highlight	* project Report and diary.
	Internship/Industrial training with feedback analysis	Yes	* Feedback	
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	Yes	* separate file.	* Question paper scrutiny forms for each question paper to be maintained in the department.
	Assignments and Evaluation	Yes	* Filed	* Retest for poor performance students (Internal test)
	Course files (All Courses, Laboratory Courses and Project)	Yes	* proof	* Vidwan portal: Updation
CRITERION 2: Teaching, Learning and Evaluation	Patent and Copyrights	Yes	* proof	* Include Google scholar.
	Teaching and Non-teaching Profile	Yes	* certification	

	Entrepreneurship cell (EDC)	* Yes	* Filed.	* participation list * certificate * Summary sheet. * Retest → Lateral to be Entry - Separate conducted Request mail copy * content creation
	Faculty as participants in FDP/STTPs/Trainings	* Yes	* Filed.	
	Tutor Ward Meeting / Class Committee Minutes	* Yes	* Filed	
	Slow learners class	* Yes	* Filed.	
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	* Yes	Filed.	
	Adjunct faculty details	Yes	* Filed.	
	Innovations by the faculty in Teaching-Learning Process	Yes	* Filed.	
	Academic Research- Research Publications	Yes	* Filed	
	Sponsored Research - Research Projects	Yes	* Filed	
	Consultancy Projects and Outcomes	Yes	* Filed	
CRITERION 3: Research, Innovations and Extension	Research Supervisor and Research Scholars	Yes	* Filed	VC report. * VC certificate. * Account - Proof.
	Seed Money Policy and outcome with utilization certificate	Yes	* Filed.	
	Incentive File	Yes	* Filed	
	Faculty competencies and outcomes	Yes	* Filed.	

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	yes	Filed	* Name List - Activities
	Department Library	yes	Filed.	
	Social Development Club activities	yes	Filed.	* social relevant activities
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	yes	COE_cyber security	
	Semester End Examination Result Analysis	yes	Filed	
CRITERION 5: Student support and Progression	Continuous Internal Assessment Result Analysis	yes	Lab Theory.	* schedule.
	Scholarship (Government and Non-Government)	yes	Filed	
	Professional Society Activities	yes	CSI	* Name List * summary.
	Technical Association Activities	yes	Filed	
	Placement, Higher studies and Entrepreneurs list	yes	Filed	
	Achievements in Co-Curricular and Extra Curricular activities	yes	Filed.	* proof to be added.
	Department Budget (Allocation and Utilization)	yes	uc	
CRITERION 6: Governance, Leadership and Management	Decentralization	yes	Budget	
	Students Feedback on faculty	yes	you verified	

CONTINUOUS IMPROVEMENT			
Continuous Improvement	PART A-COs Attainment		
	Course outcomes for all courses	yes	-
	Programme Articulation matrix and Course Articulation matrix	yes	-
	Attainment of Course outcomes	yes	-
	COs attainment and Action taken for improvement	yes	-
	PART B-POs/PSOs Attainment		
	Attainment of POs and PSOs	yes	-
	Action taken for CI based on POs/PSOs	yes	proof → Action taken

SWOC ANALYSIS	
I. Strengths:	* properly maintained all the files. * Geo tag - proof, Teaching Learning process. * course files. Excellent organization and Team work. * coordination.
II. Weakness:	* Additional proofs for schedule, Extra curricular activities. * Activities -namelist should be included.

III. Opportunities:

- * Career guidance and counseling.
- * Data Analytics.

IV. Challenges:

- * Sponsored Research.

Any Other Comments

- * Overall feedback - Files are, organized well
- * course files are well maintained.
- * The documentation meets the requirements of IQAC.

U. H. E. 23/11/24

Signature of the Auditor

[Dr. U. Sangeetha]

U. Senthambel
Head of the Auditee Department

Dr. M. SENTHAMIL SELVI

Professor and Head

Department of Information Technology

Sri Ramakrishna Engineering College

Coimbatore - 641022

ACADEMIC &

ADMINISTRATIVE AUDIT

(AAA) 2023-2024

External Audit

Sri Ramakrishna Engineering College, Coimbatore

INTERNAL QUALITY ASSURANCE CELL (IQAC)



27.11.2024

ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	Considerable improvement has been shown on publications already. Keep it up	—
CRITERION 1 Curricular Aspects	Rubrics level of project topics will be different based on topic	Rubrics framed by IQAC is followed for all project topics. In discussion with IQAC, the suggestion may be incorporated in future.
CRITERION 2 Teaching, Learning and Evaluation	- Institute level Attendance register modification including CO for each topic, mode of lectures for each topic shall be included - No. of CC meeting shall be atleast "Three" - Feedback after intervention shall be obtained	The CO and mode of lecture for each topic shall be included in class record from the current academic year. CCM is conducted as per institution regulation.
CRITERION 3: Research, Innovations and Extension	- Q1/Q2/Q3 segregation shall be maintained - Sponsored Research-Research Publication & Consultancy projects and Outcomes - Shall be improved. Faculty may be encouraged.	- Feedback from the students after the conduct of slow learners class will be practiced from the forthcoming academic year - Segregation of Q1/Q2/Q3 journals are done

- More proposals will be submitted for sponsored research and consultancy projects.

CRITERION 4: Infrastructure and Learning Resources	Department Library –Shall maintain utilization register	Utilization register is maintained.
CRITERION 5: Student support and Progression	- Some analysis on action & achievement on slow learner's intervention - Department newsletter shall include faculty publication list in that specific duration	- Analysis are made for slow learners - Faculty publications will be incorporated in the newsletter.
CRITERION 6: Governance, Leadership and Management	Fund shall be obtained still higher to facilitate the labs	High Budget will be submitted to facilitate the labs for the next Academic year.
CONTINUOUS IMPROVEMENT		
Continuous Improvement	PART A-COs Attainment	
	Course outcomes for all courses	NIL
	Programme Articulation matrix and course Articulation matrix	
	Attainment of course outcomes	
	COs attainment and Action taken for improvement	
	PART B-POs/PSOs Attainment	
	Attainment of POs and PSOs	NIL
	Action taken for CI based on POs/PSOs	

SWOC ANALYSIS

I. Strengths:	• Faculty strength is good • Good documentation
II. Weakness:	• Compared to faculty strength the research projects & consultancy shall be improved
III. Opportunities:	• Man power is good. They shall utilize to enrich & encourage the students to go for high paying core companies, higher studies & Entrepreneurship
IV. Challenges:	• CO – PO mapping shall be done for all POs

Any Other Comments

NIL



DQAC member


3/11/2024

Head of the Department


Director-IQAC
Dr. K. SRINIVASAN. M.E., Ph.D.,
DIRECTOR
Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022



Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT**
(AAA) 2023-2024
External Audit

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL AUDIT

Description	Details
Name of the Department	<i>ECE</i>
Date of Audit	<i>23-11-2024</i>
Name, Designation and Address of Auditor	<i>Dr. S. Moorthi Professor / EEE, NIT TRICHY.</i>

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	<i>Yes</i>	<i>Action on c/w/d has been taken & in process.</i>	<i>Considerable improvement has been shown on Publications already. Keep it up.</i>

CRITERION 1 Curricular Aspects	Minutes of Board of studies	Yes	Good	Rubrics level of project topics will be different based on different Topic. Topic should be mentioned. Institute level Attendance Register modification including Co for each topic, Mode of lectures for each topic shall be included.
	Minutes of Academic and Administrative committee meetings	Yes	Good	
	Curriculum Development Cell	Yes	Good	
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	Yes	Good.	
	Stakeholders feedback:			
	(i) For defining Vision, Mission, PEOs and PSOs	Yes	Good.	
	(ii) Curriculum Enrichment and Compliance	Yes	Good.	
	Quality of Student Projects	Yes	Good.	
CRITERION 2: Teaching, Learning and Evaluation	Internship/Industrial training with feedback analysis	Yes	Good. Area of intern should be mentioned.	
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	Yes	Good	
	Assignments and Evaluation	Yes	Good	
	Course files(All Courses, Laboratory Courses and Project)	Yes	Good	
	Patent and Copyrights	Yes	Good.	
	Teaching and Non-teaching Profile	Yes	Good.	

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	yes	Good	→ Shall maintain utilization register.
	Department Library	yes	Good	
	Social Development Club activities	yes	Good.	
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	yes	Good	
CRITERION 5: Student support and Progression	Semester End Examination Result Analysis	yes	Good	→ Some analysis on action taken & achievement on slow learners intervention. → Dept. news letter shall include faculty publication list in that specific duration
	Continuous Internal Assessment Result Analysis	yes	Good	
	Scholarship (Government and Non-Government)	yes	Good	
	Professional Society Activities	yes	Good.	
	Technical Association Activities	yes	Good.	
	Placement, Higher studies and Entrepreneurs list	yes	Good.	
	Achievements in Co-Curricular and Extra Curricular activities	yes	Good.	
	Department Budget (Allocation and Utilization)	yes	Fund shall be obtained still higher to facilitate the labs.	
CRITERION 6: Governance, Leadership and Management	Decentralization	yes	Good	
	Students Feedback on faculty	yes	Good.	

	Entrepreneurship cell (EDC)	yes	Good	No. of Cc meetings shall be atleast "Three" Feedback after intervention shall be obtained.
	Faculty as participants in FDP/STTPs/Trainings	yes	Good	
	Tutor Ward Meeting / Class Committee Minutes	yes	Good	
	Slow learners class	yes	Good.	
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	yes	Good	
	Adjunct faculty details	yes	Good.	
	Innovations by the faculty in Teaching-Learning Process	yes	Good.	
	Academic Research- Research Publications	yes	Good	
CRITERION 3: Research, Innovations and Extension	Sponsored Research - Research Projects	yes	Good	Q1/Q2/Q3 Segregation shall be maintained. shall be improved. Faculty may be encouraged.
	Consultancy Projects and Outcomes	yes	Good	
	Research Supervisor and Research Scholars	yes	Good.	
	Seed Money Policy and outcome with utilization certificate	yes	shall be improved.	
	Incentive File	yes	Good.	
	Faculty competencies and outcomes	yes	Good.	

CONTINUOUS IMPROVEMENT			
Continuous Improvement	PART A-COs Attainment		
	Course outcomes for all courses	Yes	Good.
	Programme Articulation matrix and Course Articulation matrix	Yes	Good
	Attainment of Course outcomes	Yes	Good
	COs attainment and Action taken for improvement	Yes	Good
	PART B-POs/PSOs Attainment		
	Attainment of POs and PSOs	Yes	Good
	Action taken for CI based on POs/PSOs	Yes	Good

SWOC ANALYSIS	
I. Strengths:	✓ Faculty strength is good. ✓ Good documentation.
II. Weakness:	✓ Compared to Faculty strength the research projects & consultancy shall be improved.

III. Opportunities:

✓ Man power is good. They shall utilize to enrich & encourage the students to go for high paying Core companies, higher studies & Entrepreneurship.

IV. Challenges:

✓ CO - PO Mapping shall be done for all POs.

Any Other Comments

— NM —


Signature of the Auditor


Head of the Auditee Department

27.11.2024

**ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024
DEPARTMENT OF BIOMEDICAL ENGINEERING**

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	- Action on C/W/D has been taken in process - Deficiencies at institute level (faculty retention) shall be taken care	All actions are in process and comments are noted
CRITERION 1 Curricular Aspects	Rubrics level for projects shall be fixed on nature of the individual project	Rubrics are followed as per IQAC guidelines
CRITERION 2 Teaching, Learning and Evaluation	- Institute level modification of Attendance register shall be made. Include CO, made of lectures for each topic - CCM – 3times in a semester - Slow learner intervention shall be taken feedback - Tools for online Quiz can be subscribed	- The comment shall be reported to the IQAC convener - Feedback from the slow learners shall be maintained henceforth - Online Quiz tools shall be followed for relevant courses

CRITERION 3: Research, Innovations and Extension	- Q1/Q2/Q3 segregation shall be done - Try out other funding agencies also - Shall be improved	- Consolidation of Q1 / Q2/Q3 Journals will be maintained - Research funding are applied to agencies like ANRF & ECRG, ANRF - IRG
CRITERION 4: Infrastructure and Learning Resources	Department Library - A register shall be maintained for utilization	Separate library register is maintained in the department
CRITERION 5: Student support and Progression	Some analysis on action taken for slow learner's agenda	Analysis on the slow learners feedback shall be improved hereafter
CRITERION 6: Governance, Leadership and Management	Can be done in prior to the ensuing financial year	The comment shall be reported to the NBA / IQAC convener
CONTINUOUS IMPROVEMENT		
Continuous Improvement	PART A-COs Attainment	
	Course outcomes for all courses	NIL
	Programme Articulation matrix and course Articulation matrix	
	Attainment of course outcomes	
	COs attainment and Action taken for improvement	
	PART B-POs/PSOs Attainment	
	Attainment of POs and PSOs	NIL
	Action taken for CI based on POs/PSOs	

SWOC ANALYSIS	
I. Strengths:	• Well documentation • Action taken reports are filed & reported
II. Weakness:	• Faculty retention shall be concentrated • CO – PO mapping shall be done for all POs & PSOs
III. Opportunities:	• Course objectives & course outcomes shall be revisited & can be updated frequently
IV. Challenges:	• CO – PO mapping should be done for all POs & PSOs
Any Other Comments	
NIL	



DQAC member



Head of the Department



Director-IQAC

Dr. K. SRINIVASAN. M.E., Ph.D.,
DIRECTOR

Internal Quality Assurance Cell
Sri Ramakrishna Engineering College

Coinbatore - 641 022



Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT**
(AAA) 2023-2024
External Audit

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL AUDIT

Description	Details
Name of the Department	Biomedical Engineering (BME)
Date of Audit	23-11-2024
Name, Designation and Address of Auditor	Dr. S. MOORTHY PROFESSOR / EEE, NIT TRICHY.

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	YES	Action on C/W/D has been taken & in process.	Deficiencies at Institute level (Faculty Retention) shall be taken care.

CRITERION 1 Curricular Aspects	Minutes of Board of studies	YES	Good	Rubrics level for Projects shall be fixed on nature of the individual project.
	Minutes of Academic and Administrative committee meetings	YES	Good	
	Curriculum Development Cell	YES	Good	
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	YES	Ample amount of courses offered.	
	Stakeholders feedback: (i) For defining Vision, Mission, PEOs and PSOs (ii) Curriculum Enrichment and Compliance	YES	Presently in progress of defining new Mission & Vision.	
	Quality of Student Projects	YES	Good.	
	Internship/Industrial training with feedback analysis	YES	Good.	
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	YES	Good.	
	Assignments and Evaluation	YES	Good.	
	Course files(All Courses, Laboratory Courses and Project)	YES	Attendance Register shall be modified.	
CRITERION 2: Teaching, Learning and Evaluation	Patent and Copyrights	YES	Good. Keep improving.	Institute level modification of Attendance Register shall be made. Include CO, Mode of lectures for each topic.
	Teaching and Non-teaching Profile	YES	Good.	

CRITERION 3: Research, Innovations and Extension	Entrepreneurship cell (EDC)	YES	Good	1) CCM - 3 times in a semester 2) Slow learner intervention shall be taken after intervention. FFB Feedback. 3) Tools for online Quiz can be subscribed.
	Faculty as participants in FDP/STTPs/Trainings	YES	Good.	
	Tutor Ward Meeting / Class Committee Minutes	YES	Good. Shall be Three meetings in a semester.	
	Slow learners class	YES	Good. Instructed to include F/B after intervention.	
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	YES	Good	
	Adjunct faculty details	YES	Good	
	Innovations by the faculty in Teaching-Learning Process	YES	Good	
	Academic Research- Research Publications	YES	Good. → 1) Q1/Q2/Q3 segregation shall be done.	
	Sponsored Research - Research Projects	YES	Good. → 2) Try out other Funding agencies also.	
	Consultancy Projects and Outcomes	YES	Good. → 3) shall be improved.	
	Research Supervisor and Research Scholars	YES	Good	
	Seed Money Policy and outcome with utilization certificate	YES	Good.	
	Incentive File	YES	Good.	
	Faculty competencies and outcomes	YES	Good.	

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	YES	Good.	→ A Register shall be maintained for utilization.
	Department Library	YES	Good	
	Social Development Club activities	YES	Good	
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	YES	Good.	
	Semester End Examination Result Analysis	YES	Good.	
CRITERION 5: Student support and Progression	Continuous Internal Assessment Result Analysis	YES	Good -	→ Some analysis on action taken for slow learners agenda.
	Scholarship (Government and Non-Government)	YES	Good.	
	Professional Society Activities	YES	Good.	
	Technical Association Activities	YES	Good.	
	Placement, Higher studies and Entrepreneurs list	YES	Good	
	Achievements in Co-Curricular and Extra Curricular activities	YES	Good.	
	Department Budget (Allocation and Utilization)	YES	Good -	
	Decentralization	YES	Good.	
CRITERION 6: Governance, Leadership and Management	Students Feedback on faculty	YES	Good.	→ Can be done in prior to the ensuing Financial year.

CONTINUOUS IMPROVEMENT

PART A-COs Attainment

Continuous Improvement	Course outcomes for all courses	YES	Good
	Programme Articulation matrix and Course Articulation matrix	YES	Good
	Attainment of Course outcomes	YES	Good
	COs attainment and Action taken for improvement	YES	Good.
	PART B-POs/PSOs Attainment		
	Attainment of POs and PSOs	YES	Good
	Action taken for CI based on POs/PSOs	YES	Good.

SWOC ANALYSIS

I. Strengths:

- ✓ Well documentation
- ✓ Action Taken Reports are filed & Reported.

II. Weakness:

- ✓ Faculty retention shall be concentrated.
- ✓ Examination & Syllabus for ~~COs~~ ~~PSOs~~ ~~POs~~ by CO-PO mapping shall be done for all POs & PSOs.

III. Opportunities:

Course objectives & Course outcomes shall be revisited & can be updated frequently.

IV. Challenges:

- CO-PO mapping should be done for all POs & PSOs.

Any Other Comments

- NIL

Signature of the Auditor

Arish 23/11/24

Head of the Auditee Department

Shubh 23/11/24

ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024
DEPARTMENT OF AERONAUTICAL ENGINEERING

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	- Individual criteria wise action taken need to be written - Follow up action required	Overall action taken available. Individual criteria wise action taken to be framed with continuous monitoring to improve the dept standards.
CRITERION 1 Curricular Aspects	- GDET work included - NPTEL verified digitalization course verified - Format can be uniform - Internship review can be done at the time of completion of internship	Periodic reviews to be done to ensure uniformity of courses or revisions when added. Internship review to be conducted at the mid of each semester also.
CRITERION 2 Teaching, Learning and Evaluation	- Air breaking propulsion verified – course file - Copy rights/ 1 patent verified SFR:19.2 - ATAL FDP can be attended - m/m ratio can be reduced - Good practice reimbursement to staff/students	To ensure participation is ATAL FDPs. Mentor-Mentee ratio can be reduced by introducing project supervisors to additionally mentor their project batches.

CRITERION 3: Research, Innovations and Extension	- No. of Quality Publications can be improved - Sponsored Research-Research Projects can be improved - R&D category can be improved	24-25 Quality Publications are improved. To work further for better Q. Journals. - Few funds have been received from govt. organization. - Continuing to work towards consultancy, R&D projects.
CRITERION 4: Infrastructure and Learning Resources	- UAV verified – good - MOU verified	Shall focus on new MOUs.
CRITERION 5: Student support and Progression	AESI, SEDS 5 programs organized	International conference to be planned.
CRITERION 6: Governance, Leadership and Management	For 22 lacks utilized, 12.5 lacks 56% utilized	Shall utilize to the fullest in the academic year 2024-2025.
CONTINUOUS IMPROVEMENT		
Continuous Improvement	PART A-COs Attainment	
	Course outcomes for all courses	- Elaborate details needed - Attainment level reduced - paper need action taken
	Programme Articulation matrix and course Articulation matrix	
	Attainment of course outcomes	
	COs attainment and Action taken for improvement	
	PART B-POs/PSOs Attainment	
	Attainment of POs and PSOs	NIL
	Action taken for CI based on POs/PSOs	

Continuous monitoring of action taken for individual courses to be done frequently.

SWOC ANALYSIS

I. Strengths:

- Well organized files
- MOU signed
- All students gone for internship
- NPTEL courses reimbursement to students/ staffs

II. Weakness:

- ~~RQD~~ proposal less in applied category & sanctioned category
- Placement offers
- Less publications
- NBA action taken can be done continuously comments

III. Opportunities:

- Can be able to be convert internship into offers
- More placement oriented certification courses introduced

IV. Challenges:

NIL

Any Other Comments

Mentor/ mentee ratio can be reduced and mentors can be allotted at the entry level



DQAC member



Head of the Department



Director-IQAC

Dr. K. SRINIVASAN. M.E.,Ph.D.,
DIRECTOR

Internal Quality Assurance Cell
Sri Ramakrishna Engineering College

Coimbatore - 641 022



Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT**

(AAA) 2023-2024

External Audit

Sri Ramakrishna Engineering College, Coimbatore

INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL AUDIT

Description	Details
Name of the Department	Aeronautical Engineering
Date of Audit	23/11/2024
Name, Designation and Address of Auditor	Dr. Pradeep, Asso. Professor Civ. Kongu Engg. College.

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	Yes	Individual Criteria wise Action taken Need to be written	Follow up action required

CRITERION 1 Curricular Aspects	Minutes of Board of studies	Yes	verified	AOST course introduced - verified. NPTEL verified digitalization course verified Courses workshops arranged, format can be uniform. Interdisciplinary review can be done at the time of completion of Internship - Air breathing propulsion verified - course file copy is kept - 1 Patent verified SFR: 19, 2
	Minutes of Academic and Administrative committee meetings	Yes	verified	
	Curriculum Development Cell	Yes	verified	
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	Yes	verified	
	Stakeholders feedback: (i) For defining Vision, Mission, PEOs and PSOs (ii) Curriculum Enrichment and Compliance	Yes	1	
	Quality of Student Projects	Yes	4	
CRITERION 2: Teaching, Learning and Evaluation	Internship/Industrial training with feedback analysis	Yes	verified	AOST course introduced - verified. NPTEL verified digitalization course verified Courses workshops arranged, format can be uniform. Interdisciplinary review can be done at the time of completion of Internship - Air breathing propulsion verified - course file copy is kept - 1 Patent verified SFR: 19, 2
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	Yes	verified	
	Assignments and Evaluation	Yes	verified	
	Course files(All Courses, Laboratory Courses and Project)	Yes	verified	
	Patent and Copyrights	Yes	verified	
	Teaching and Non-teaching Profile	Yes	verified	

CRITERION 3: Research, Innovations and Extension	Entrepreneurship cell (EDC)	Yes	—	—
	Faculty as participants in FDP/STTPs/Trainings	Yes	17 Programs attended	ATAL FDP can be attended. M/M Ratio can be reduced.
	Tutor Ward Meeting / Class Committee Minutes	Yes	—	
	Slow learners class	Yes	—	
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	Yes	verified	Good Practice Reimbursement to Staff Students
	Adjunct faculty details	Yes	1 faculty verified	
	Innovations by the faculty in Teaching-Learning Process	Yes	verified	
	Academic Research- Research Publications	Yes	3- scops 3- scps verified.	No. of quality Publications can be improved. can be improved
	Sponsored Research - Research Projects	—	—	
	Consultancy Projects and Outcomes	—	—	2- R&D category can be improved
	Research Supervisor and Research Scholars	—	—	
	Seed Money Policy and outcome with utilization certificate	—	—	
	Incentive File	Yes	verified	
	Faculty competencies and outcomes	Yes	verified.	

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	Yes	verified	AESI, AME, VAX- verified - good MAY verified
	Department Library	Yes	verified	
	Social Development Club activities	Yes	"	
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	Yes	verified	
CRITERION 5: Student support and Progression	Semester End Examination Result Analysis	Yes	"	AESI, SEDS 5 Programs $\frac{17}{29} = 60\%$ $\frac{17}{21} = 80\%$ 3 students verified higher studies
	Continuous Internal Assessment Result Analysis	Yes	"	
	Scholarship (Government and Non-Government)	Yes	"	
	Professional Society Activities	Yes	verified	
	Technical Association Activities	Yes	verified	
	Placement, Higher studies and Entrepreneurs list	Yes	verified	
	Achievements in Co-Curricular and Extra Curricular activities	Yes	good	
CRITERION 6: Governance, Leadership and Management	Department Budget (Allocation and Utilization)	Yes	verified	$\frac{23-24}{22.2}$ utilised 12.5% 56% an approved in 5
	Decentralization	—	—	
	Students Feedback on faculty	Yes	verified	

CONTINUOUS IMPROVEMENT				
Continuous Improvement	PART A-COs Attainment			
	Course outcomes for all courses	Yes	-	-
	Programme Articulation matrix and Course Articulation matrix	Yes	-	-
	Attainment of Course outcomes	Yes	verified	elaborate details needed
	COs attainment and Action taken for improvement	Yes	verified	attainment level reduced papers need action taken
	PART B-POs/PSOs Attainment			
	Attainment of POs and PSOs	Yes	verified	-
	Action taken for CI based on POs/PSOs	Yes	verified	-

SWOC ANALYSIS	
I. Strengths:	① Well organized files. ② MOU signed ③ All students gone for Internship ④ NPTEL/resources Reimbursement to students/staffs
II. Weakness:	① R&D Proposals less in applied category & sanctioned category ② Placement offers ③ Less publications ④ NEA/Action taken can be done continuously, comments

III. Opportunities:

- ① Can be able to convert Internship into offers
- ② More Placement oriented certification courses introduced

IV. Challenges:

←

Any Other Comments

Mentor/mentee ratio can be reduced and Mentors can be allotted at the entry level.


Signature of the Auditor
[Dr. G. Pradeep]

Asst / Civil

Kongu Engg. College.


Head of the Auditee Department
23/11/24



27.11.2024

ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024

DEPARTMENT OF CIVIL ENGINEERING

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	- Action taken was written for over all observation - Individual criteria wise action taken can be done	Action will be taken for each individual criterion and sub-criterion, and the same will be documented
CRITERION 1 Curricular Aspects	162 credits	Nil
CRITERION 2 Teaching, Learning and Evaluation	- More K3 level question can be Incorporated 4 patents good 31 FDPS/STTPS ATAL FDPs attend - Mentor mentee ratio can be reduced	- The question paper settings will be followed as per the IQAC Guidelines. - The Mentor-mentee system will be reduced
CRITERION 3: Research, Innovations and	- SCI-9 & Scopus - Academic research – research publication – may be improved	- Research publications will be improved. - Funding proposals will be submitted

ACADEMIC &

ADMINISTRATIVE AUDIT

(AAA) 2023-2024

EXTERNAL Audit

Sri Ramakrishna Engineering College, Coimbatore

INTERNAL QUALITY ASSURANCE CELL (IQAC)



Extension	- Sponsored Research – Research Project – Collaborated funds - Incentive file – good policy	to various funding agencies by all the competency groups in upcoming academic year.
CRITERION 4: Infrastructure and Learning Resources	- Break down, Maintenance register can be made - Industry sponsored lab may be established.	- Separate register will be followed for breakdown of instruments and other accessories. - Industry supported lab will be developed through sponsorship.
CRITERION 5: Student support and Progression	- Batch wise analysis can be made - IGS, ICI - Good 13 Guest lectures 50% placement	- Batch wise internal and end semester result analysis followed. - Students will be motivated to obtain and utilize the placement offer through the campus
CRITERION 6: Governance, Leadership and Management	54 % utilization can be aim for full utilization	Utilization of budget will be increased for department and institution development activities.
CONTINUOUS IMPROVEMENT		
Continuous Improvement	PART A-COs Attainment	
	Description	Suggestions for improvement
	Course outcomes for all courses	More evidence required. More course outcomes and attainment samples will be provided during the Audit.
	Programme Articulation matrix and course Articulation matrix	
	Attainment of course outcomes	
	COs attainment and Action taken for improvement	

	PART B-POs/PSOs Attainment		
	Attainment of POs and PSOs	Nil	Nil
	Action taken for CI based on POs/PSOs		

SWOC ANALYSIS	
I. Strengths:	
• Research funding • Student project (Internship students) • File maintenance • Patents	
II. Weakness:	
• Consultancy projects – The consultancy activities will be improved through industrial collaboration. • Journal Publications – The research articles will be published in quality journals.	
III. Opportunities:	
• Placement opportunities can be improved by connecting intern into offer - Student's placement record in core will be increased with industrial support. • By making NABL certified laboratory – Process will be made to get NABL certification for all laboratories. • Industry person's involvement in academics - Regular academic seminars, webinars, and conferences will be organized, inviting experts from academia and research institutions for knowledge sharing.	

IV. Challenges:

- Nil

Any Other Comments

Students can be obtained Technical certification courses (Particular for placement) - Certified organizations will be approached to arrange certification courses for students.


DQAC member


Head of the Department


Director-IQAC
Dr. K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR
Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022


Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT**
(AAA) 2023-2024
External Audit

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)



EXTERNAL AUDIT

Description		Details
Name of the Department		Civil Engineering
Date of Audit		22/11/24
Name, Designation and Address of Auditor		Dr. G. Pradeep, Asst / Civil Vargha Engineering College

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	Yes	Action taken was in filter for overall observation	Individual Criteria wise Action taken can be done

CRITERION 1 Curricular Aspects	Minutes of Board of studies		yes	found good.	162 credits —
	Minutes of Academic and Administrative committee meetings		yes	file verified	
	Curriculum Development Cell		yes	file verified	
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications		yes	2019-2020 verified	
	Stakeholders feedback:				more 123 level questions can be incorporated
	(i) For defining Vision, Mission, PEOs and PSO's		yes	fine	
	(ii) Curriculum Enrichment and Compliance				
	Quality of Student Projects		yes	found good	
	Internship/Industrial training with feedback analysis		yes	found good	more 123 level questions can be incorporated
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts		yes	—	
CRITERION 2: Teaching, Learning and Evaluation	Assignments and Evaluation		yes	done	
	Course files(All Courses, Laboratory Courses and Project)		yes	good	
	Patent and Copyrights		yes	4	
	Teaching and Non-teaching Profile		yes	verified	
			yes		4 Patterns - good

	Entrepreneurship cell (EDC)	Yes	"	31 FDPs/STTPs ATAL FDPs maybe attend, mentor - mentee ratio can be reduced, ⇒ found good 3 CE-9 surplus → may be improved → Collaborated Funds
	Faculty as participants in FDP/STTPs/Trainings	Yes	"	
	Tutor Ward Meeting / Class Committee Minutes	Yes	verified	
	Slow learners class	Yes	"	
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	Yes		
	Adjunct faculty details	Yes	No verified You tube verified	
	Innovations by the faculty in Teaching-Learning Process	Yes		
	Academic Research- Research Publications	Yes	verified	
	Sponsored Research - Research Projects	Yes	Found good	
	Consultancy Projects and Outcomes	Yes	OK	
CRITERION 3: Research, Innovations and Extension	Research Supervisor and Research Scholars	Yes	verified	
	Seed Money Policy and outcome with utilization certificate	Yes	Found good	
	Incentive File	Yes	"	
	Faculty competencies and outcomes	Yes	verified	

→ good Policy

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	Yes	A3/A2 displays can be made	Break down, maintain Registers can be made Industry sponsored Lab may be established
	Department Library	Yes	verified	
	Social Development Club activities	Yes	verified	
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	No	verified	
CRITERION 5: Student support and Progression	Semester End Examination Result Analysis	Yes	verified	Batch wise Analysis can be made IAS, IES ✓ 13 over-learned 50% placement
	Continuous Internal Assessment Result Analysis	Yes	verified	
	Scholarship (Government and Non-Government)	Yes	"	
	Professional Society Activities	Yes	"	
	Technical Association Activities	Yes	"	
	Placement, Higher studies and Entrepreneurs list	Yes	verified	
	Achievements in Co-Curricular and Extra Curricular activities	Yes	verified	
	Department Budget (Allocation and Utilization)	Yes	verified	
CRITERION 6: Governance, Leadership and Management	Decentralization	Yes	verified	su of utilization can be aim for full utilization
	Students Feedback on faculty	Yes	verified	
		Yes	verified	

CONTINUOUS IMPROVEMENT				
Continuous Improvement	PART A-COs Attainment			
	Course outcomes for all courses	Yes	verified	1
	Programme Articulation matrix and Course Articulation matrix	Yes	verified	1
	Attainment of Course outcomes	Yes	verified	more evidence required
	COs attainment and Action taken for improvement	Yes	verified	
	PART B-POs/PSOs Attainment			
	Attainment of POs and PSOs	Yes	Verified	1
	Action taken for CI based on POs/PSOs	Yes	verified	1

SWOC ANALYSIS	
I. Strengths:	① Research funding (Intern students) ② Student Projects ③ File maintenance, ④ Patterns
II. Weakness:	① Consultancy Projects ② Journal Publications 3

III. Opportunities:

- ① Placement opportunities can be improved by converting Intern into offer
- ② By making NABL certified Laboratory
- ③ Industry persons involvement in academics

IV. Challenges:

Any Other Comments

Students can be offered certification courses (Particular to placement)


Signature of the Auditor

(Dr. P. Pradeep)

Asst. Prof.

Don't forget to sign

Head of the Auditee Department

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**

27.11.2024

**ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024
DEPARTMENT OF NANO SCIENCE AND TECHNOLOGY**

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	NIL	
CRITERION 1 Curricular Aspects	NIL	
CRITERION 2 Teaching, Learning and Evaluation	Include Degree certificate	Degree Certificates have been included.
CRITERION 3: Research, Innovations and Extension	NIL	
CRITERION 4: Infrastructure and Learning Resources	NIL	

CRITERION 5: Student support and Progression	NIL	
CRITERION 6: Governance, Leadership and Management	NIL	
CONTINUOUS IMPROVEMENT		
Continuous Improvement	PART A-COs Attainment	
	Course outcomes for all courses	NIL
	Programme Articulation matrix and course Articulation matrix	
	Attainment of course outcomes	
	COs attainment and Action taken for improvement	
	PART B-POs/PSOs Attainment	
	Attainment of POs and PSOs	NIL
	Action taken for CI based on POs/PSOs	

SWOC ANALYSIS

I. Strengths:

- Sponsored Research.
- Good file management

II. Weakness:

NIL

III. Opportunities:

- Collaborative works

IV. Challenges:

- PG administration

Any Other Comments

- The documentation meets the requirement of IQAC
- Files are well organized

DQAC member

Head of the Department

Director-IQAC

Dr. K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR

Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022

Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT**
(AAA) 2023-2024
External Audit

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL AUDIT

Description	Details
Name of the Department	Nano Science and Technology
Date of Audit	23/11/2024
Name, Designation and Address of Auditor	Dr. M. Sangothra, Associate Professor, Dept of IT, C.P.T

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	—	—	—

CRITERION 1 Curricular Aspects	Minutes of Board of studies	yes	* Export list. # communication.	Degree certificates
	Minutes of Academic and Administrative committee meetings	-		
	Curriculum Development Cell			
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	-		
	Stakeholders feedback:			
	(i) For defining Vision, Mission, PEOs and PSO's	-		
	(ii) Curriculum Enrichment and Compliance			
	Quality of Student Projects	-		
	Internship/Industrial training with feedback analysis	-		
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	-		
CRITERION 2: Teaching, Learning and Evaluation	Assignments and Evaluation	-		Degree certificates
	Course files(All Courses, Laboratory Courses and Project)	-		
	Patent and Copyrights	yes	Grant-3 p-1	
	Teaching and Non-teaching Profile	Yes	Google scholar Filec	

	Entrepreneurship cell (EDC)	—		
	Faculty as participants in FDP/STTPs/Trainings			
	Tutor Ward Meeting / Class Committee Minutes	—		
	Slow learners class	—		
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	Yes	* post doc student.	
	Adjunct faculty details	—		
	Innovations by the faculty in Teaching-Learning Process	—		
CRITERION 3: Research, Innovations and Extension	Academic Research- Research Publications	Yes	16	
	Sponsored Research - Research Projects	Yes	5 projects	
	Consultancy Projects and Outcomes	Yes		
	Research Supervisor and Research Scholars	Yes	* Research Details.	
	Seed Money Policy and outcome with utilization certificate	Yes	* post Doc	
	Incentive File	Yes	* Filed.	
	Faculty competencies and outcomes	—		

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	yes	Filed	
	Department Library	-	-	
	Social Development Club activities	-	-	
	Centre of Excellence Laboratory / Industry Supported Laboratory with Activities	yes	1 (SLB)	
CRITERION 5: Student support and Progression	Semester End Examination Result Analysis	-		
	Continuous Internal Assessment Result Analysis	-		
	Scholarship (Government and Non-Government)	yes	Filed	
	Professional Society Activities	-	-	
	Technical Association Activities	-	-	
	Placement, Higher studies and Entrepreneurs list	-	-	
	Achievements in Co-Curricular and Extra Curricular activities	-	-	
CRITERION 6: Governance, Leadership and Management	Department Budget (Allocation and Utilization)	yes	Filed.	
	Decentralization	yes	Filed.	
	Students Feedback on faculty	-	-	

CONTINUOUS IMPROVEMENT				
Continuous Improvement	PART A-COs Attainment			
	Course outcomes for all courses	—	—	—
	Programme Articulation matrix and Course Articulation matrix	—	—	—
	Attainment of Course outcomes	—	—	—
	COs attainment and Action taken for improvement	—	—	—
	PART B-POs/PSOs Attainment			
	Attainment of POs and PSOs	—	—	—
	Action taken for CI based on POs/PSOs	—	—	—

SWOC ANALYSIS	
I. Strengths:	A sponsored Research. * Good file management.
II. Weakness:	—

III. Opportunities:

* Collaborative work.

IV. Challenges:

* PG administration.

Any Other Comments

* The documentation meets the requirements of IQAC.
* Files are well organized.


Signature of the Auditor
[Dr. M. Sangeetha]



Head of the Auditee Department

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**

27.11.2024

**ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024
DEPARTMENT OF PHYSICS**

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	NIL	
CRITERION 1 Curricular Aspects	The inclusion of an industry expert as a BOS member will facilitate the incorporation of industry – relevant knowledge and skills into the course curriculum	<i>Suggestions Noted</i>
CRITERION 2 Teaching, Learning and Evaluation	“CO attainment analysis after first test enables targeted improvements for semester exam”	<i>Suggestions Noted</i>
CRITERION 3: Research, Innovations and Extension	Sponsored Research – Research projects – Available - (one DST – TDT project is ongoing)	

CRITERION 4: Infrastructure and Learning Resources	NIL	-
CRITERION 5: Student support and Progression	NIL	-
CRITERION 6: Governance, Leadership and Management	Student feedback on faculty - Implementation of interim feedback mechanisms to collect students input throughout the course, facilitating prompt issue resolution and enhancement of the learning experience	Implemented
CONTINUOUS IMPROVEMENT		
Continuous Improvement	PART A-COs Attainment	
	Course outcomes for all courses	NIL
	Programme Articulation matrix and course Articulation matrix	
	Attainment of course outcomes	
	COs attainment and Action taken for improvement	
	PART B-POs/PSOs Attainment	
	Attainment of POs and PSOs	NIL
	Action taken for CI based on POs/PSOs	

SWOC ANALYSIS

I. Strengths:

- The audit highlighted the high qualifications, research output, and dedication of the faculty
- The curriculum aligns with current scientific advancements. More MMC courses are planned to include in 2025 Regulations

II. Weakness:

- Collaboration with national and international institutions on projects and conferences can be enhanced

III. Opportunities:

- Leverage advancements in quantum computing, astrophysics and material science to secure national and international research grants

IV. Challenges:

- Limited funding options for private colleges in government. Agencies

Any Other Comments

NIL


DQAC member
 Dr. K. Srinivasan, M.E., Ph.D.,
 Director
 Internal Quality Assurance Cell
 Sri Ramakrishna Engineering College
 Coimbatore - 641 022


Head of the Department
 Dr. K. V. Thangaraj, M.E., Ph.D.,
 Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**

EXTERNAL AUDIT

Description	Details
Name of the Department	PHYSICS
Date of Audit	23.11.2024
Name, Designation and Address of Auditor	Dr. D. Maruthamani Assistant Professor (Sel. Gr) Department of Chemistry, PSGCT

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	- NA -	-	-

④ The inclusion of an industry expert as a BOS member will facilitate the incorporation of industry-relevant knowledge and skills into the course curriculum.

CRITERION 1 Curricular Aspects	Minutes of Board of studies	Yes	Verified
	Minutes of Academic and Administrative committee meetings	Yes	"
	Curriculum Development Cell	Yes	"
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	-NA-	-
	Stakeholders feedback:		
	(i) For defining Vision, Mission, PEOs and PSO	Yes	-
	(ii) Curriculum Enrichment and Compliance		
	Quality of Student Projects	-NA-	-
	Internship/Industrial training with feedback analysis	-NA-	-
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	Yes	Verified
CRITERION 2: Teaching, Learning and Evaluation	Assignments and Evaluation	Yes	Verified
	Course files(All Courses, Laboratory Courses and Project)	Yes	Verified
	Patent and Copyrights	Yes	Verified
	Teaching and Non-teaching Profile	Yes	Verified

	Entrepreneurship cell (EDC)	-NA-		"CO attainment analysis after first test enables targeted improvements for semester exam".
	Faculty as participants in FDP/STTPs/Trainings	yes	Available	
	Tutor Ward Meeting / Class Committee Minutes	yes	"	
	Slow learners class	yes	"	
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	yes	"	
	Adjunct faculty details	NIL	-	
	Innovations by the faculty in Teaching-Learning Process	yes	Available	
	Academic Research- Research Publications	yes	Available	
CRITERION 3: Research, Innovations and Extension	Sponsored Research - Research Projects	yes	Available (one DST-TDT project is ongoing)	
	Consultancy Projects and Outcomes	NIL	-	
	Research Supervisor and Research Scholars	yes	Verified	
	Seed Money Policy and outcome with utilization certificate	NIL	-	
	Incentive File	yes	Verified	
	Faculty competencies and outcomes	yes	Verified	

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	yes		
	Department Library	- NIL -	-	
	Social Development Club activities	- NA -		
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	- NIL -		
	Semester End Examination Result Analysis	yes	verified	
CRITERION 5: Student support and Progression	Continuous Internal Assessment Result Analysis	yes	verified	
	Scholarship (Government and Non-Government)	- NIL -		
	Professional Society Activities	- yes -		
	Technical Association Activities	- NIL -	science association file - verified	
	Placement, Higher studies and Entrepreneurs list	- NA -		
	Achievements in Co-Curricular and Extra Curricular activities	yes	verified	
	Department Budget (Allocation and Utilization)	yes	verified	
CRITERION 6: Governance, Leadership and Management	Decentralization	yes	verified	Implementation of interim feedback mechanisms to collect student input throughout the course, facilitating prompt issue resolution and enhancement of the learning experience.
	Students Feedback on faculty	yes	verified	

CONTINUOUS IMPROVEMENT

PART A-COs Attainment

Continuous Improvement	Course outcomes for all courses	Yes	Verified
	Programme Articulation matrix and Course Articulation matrix	Yes	Verified
	Attainment of Course outcomes	Yes	Verified
	COs attainment and Action taken for improvement	Yes	Available
	PART B-POs/PSOs Attainment		
Attainment of POs and PSOs		Yes	Available
Action taken for CI based on POs/PSOs		Yes	Available

SWOC ANALYSIS

- I. Strengths:
- * The audit highlighted the high qualifications, research output, and dedication of the faculty.
 - * The curriculum aligns with current scientific advancements.
 - More MMC courses are planned to include in 2025 Regulations.
- II. Weakness:
- * Collaboration with national and international institutions on projects and conferences can be enhanced.

III. Opportunities:

- *) Leverage advancements in Quantum Computing, Astrophysics and Material Science to secure national and International research grants.

IV. Challenges:

- *) Limited funding options for private colleges in Govt. agencies.

Any Other Comments

—

Nanthan
Signature of the Auditor
23/11/24

K. Uthayaram
Head of the Auditee Department
(Dr. K. UTHAYARAM),

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**



27.11.2024

**ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024
DEPARTMENT OF MATHEMATICS**

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	NIL	—
CRITERION 1 Curricular Aspects	One course on 'vedic maths' (20MA09) has been conducted	—
CRITERION 2 Teaching, Learning and Evaluation	NIL	—
CRITERION 3: Research, Innovations and Extension	NIL	—

CRITERION 4: Infrastructure and Learning Resources	NIL	
CRITERION 5: Student support and Progression	NIL	
CRITERION 6: Governance, Leadership and Management	NIL	
CONTINUOUS IMPROVEMENT		
Continuous Improvement	PART A-COs Attainment	
	Course outcomes for all courses	NIL
	Programme Articulation matrix and course Articulation matrix	
	Attainment of course outcomes	
	COs attainment and Action taken for improvement	
	PART B-POs/PSOs Attainment	
	Attainment of POs and PSOs	NIL
	Action taken for CI based on POs/PSOs	

SWOC ANALYSIS	
I. Strengths:	Curriculum designed to balance theoretical and applied mathematics
II. Weakness:	Research publications can be improved
III. Opportunities:	Curriculum modernization - in line with AI & ML and computational mathematics
IV. Challenges:	NIL

Any Other Comments	NIL
--------------------	-----

Ganesht
DQAC member 10/12/24

A. J. 10/12/24
Head of the Department
Dr. A. SEKAR M.Sc., M.Phil., Ph.D.
Professor And Head
Department of Mathematics
Sri Ramakrishna Engineering College
Coimbatore - 641 022
Chairperson IQAC

A
Director-IQAC
Dr. K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR
Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022

**ACADEMIC &
ADMINISTRATIVE AUDIT**
(AAA) 2023-2024
External Audit

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL AUDIT

Description	Details
Name of the Department	MATHS
Date of Audit	23.11.2024
Name, Designation and Address of Auditor	Dr. D. Maruthamani Assistant Professor (SG) Dept. of Chemistry, PSGCT.

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	- NA -	-	-

CRITERION 1 Curricular Aspects	Minutes of Board of studies	Yes	Verified	has been conducted on 'Vedic Maths' (20MA09)
	Minutes of Academic and Administrative committee meetings	Yes	"	
	Curriculum Development Cell	Yes	"	
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	Yes	One course on 'Vedic Maths' (20MA09)	
	Stakeholders feedback:			
	(i) For defining Vision, Mission, PEOs and PSO's	Yes	Verified	
	(ii) Curriculum Enrichment and Compliance			
	Quality of Student Projects	- NA	-	
	Internship/Industrial training with feedback analysis	- NA	-	
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	Yes	Verified	
CRITERION 2: Teaching, Learning and Evaluation	Assignments and Evaluation	Yes	"	One Patent received & Verified
	Course files(All Courses, Laboratory Courses and Project)	Yes	"	
	Patent and Copyrights	Yes	One Patent received & Verified	
	Teaching and Non-teaching Profile	Yes	Verified	

	Entrepreneurship cell (EDC)	-NA-		
	Faculty as participants in FDP/STTPs/Trainings	Yes	Verified	
	Tutor Ward Meeting / Class Committee Minutes	Yes	"	
	Slow learners class	Yes	"	
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	Yes	"	
	Adjunct faculty details	NIL	—	
	Innovations by the faculty in Teaching-Learning Process	Yes	Verified	
	Academic Research- Research Publications	Yes	"	
CRITERION 3: Research, Innovations and Extension	Sponsored Research - Research Projects	NIL	—	
	Consultancy Projects and Outcomes	NIL	—	
	Research Supervisor and Research Scholars	Yes	Verified	
	Seed Money Policy and outcome with utilization certificate	Yes	"	
	Incentive File	Yes	"	
	Faculty competencies and outcomes	Yes	"	

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	NA	
	Department Library	yes	verified
	Social Development Club activities	yes	"
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	- NIL	-
	Semester End Examination Result Analysis	yes	verified
CRITERION 5: Student support and Progression	Continuous Internal Assessment Result Analysis	yes	"
	Scholarship (Government and Non-Government)	NA	-
	Professional Society Activities	NA	-
	Technical Association Activities	yes	"
	Placement, Higher studies and Entrepreneurs list	NA	-
	Achievements in Co-Curricular and Extra Curricular activities	yes	verified
	Department Budget (Allocation and Utilization)	yes	"
CRITERION 6: Governance, Leadership and Management	Decentralization	yes	"
	Students Feedback on faculty	yes	"

CONTINUOUS IMPROVEMENT				
Continuous Improvement	PART A-COs Attainment			
	Course outcomes for all courses	Yes	- Verified	
	Programme Articulation matrix and Course Articulation matrix	Yes	- " -	
	Attainment of Course outcomes	Yes	- " -	
	COs attainment and Action taken for improvement	Yes	- " -	
	PART B-POs/PSOs Attainment			
	Attainment of POs and PSOs	Yes	Verified	
	Action taken for CI based on POs/PSOs	Yes	Verified	

SWOC ANALYSIS

I. Strengths:

Curriculum designed to balance theoretical and applied mathematics.

II. Weakness:

Research Publications can be improved.

III. Opportunities:

Curriculum modernization - in line with AI & ML and computational Mathematics.

IV. Challenges:

—

Any Other Comments

—

Manthana
Signature of the Auditor
23/11/24

A.S.
Head of the Auditee Department

Dr.A. SEKAR M.Sc., M.Phil., Ph.D.
Professor And Head
Department of Mathematics
Sri Ramakrishna Engineering College
Coimbatore - 641 022.

27.11.2024

ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024
DEPARTMENT OF PLACEMENT

Criterion	Suggestions for improvement	ACTION TAKEN
Placement	- List of Eligible Students – Based on Academic performance - Placement Training Details – required by the company - List of placed students with offer letter – portal for assessment - Internship details with proof – Internship can be extended as add opportunity - Career guidance program to develop soft skills of students can be organized by the internal team - Norms for attending the interview (under taking form) - Classification of Placement aspirants	1) Separate report is created with drive data with eligible students list. 2) company wise training Indent is filed. 3) Students are instructed to upload offer letters in drive portal. 4) Informed departments to share internship data to CDP. 5) Softskill training will be provided as a part of bootcamp Summer training. 6) From 2022-23 batch under taken form will be collected. 7) Saved on assessment performance

A. Deepthi 13/12/24

DQAC member

Head of the Department

Director-IQAC

Dr K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR

Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022

Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT**
(AAA) 2023-2024
External Audit

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL AUDIT

Description	Details
Name of the Administrative Department	Placement
Date of Audit	23/11/24
Name, Designation and Address of Auditor	Dr. J. Parvathi Bai - IQAC Co-ordinator Asso. Prof & Head - International Business - SRCAS

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
Placement	ADMINISTRATIVE FILES			
	List of Eligible Students	Yes	Based on Academic Performance	1. Career guidance Prog. to develop Soft skills of students can be organised by the Internal Team.
	Placement Training Details	Yes.	acquired by the Company.	2. Norms for attending the Interview (under taking form)
	List of Placed Students with Offer Letters	Yes	- Postal for Assessments.	

Internship details with Proof	Yes.	Internship can be extended as addl. opportunity.	Classification of Placement Aspirants.
-------------------------------	------	--	--

22/2/24

Signature of the Auditor

Dr. J. P. Parvinder Bani.

Dr. J. P. Parvinder Bani.

Head of the Auditee Department

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**



27.11.2024

ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	• Preparatory work goes on	Yet to go for NBA. We are preparing
CRITERION 1 Curricular Aspects	• Details are being provided – CDC Cell • Various feedback forms available for different stakeholders • Identifying curricular gaps by stakeholders was possible • Mostly ML/DL driven projects • IT & other industries	Students may go for internship in AI driven companies.
CRITERION 2 Teaching, Learning and Evaluation	• Scope for improvements in terms of preparing questions (with suitable answer keys) • Yet to be active as it is a new • 4 PhD faculty scope for more qualified (in A1/ML/DL) faculty in the department	Quality of question papers will be improved. Faculty to register for PhD.

	• Scope for students to be start-up company • More participation (offline) required • Scope for reforming the composition of the committee • Special classes are being arranged • Mostly (online) only satisfactory • Upto some extend with ICT	Offline participation in FDPs to be improved. Class Committee Meeting - Anna University norms are being followed.
CRITERION 3: Research, Innovations and Extension	• Projects in the actual domain of research in AI/ML/DL would be in addition to application • Scope for all faculty to avail this facility verified	Publications in the domain of AI will be focused.
CRITERION 4: Infrastructure and Learning Resources	• Scope for setting up more specialized labs • Digital library encouraged • More activities are required	GPU L40s is being set up. AI oriented Student Chapters will be formed.
CRITERION 5: Student support and Progression	• More requires analysis required • Government & college scholarship available • ACM/ACM-W are to be planned • Activities are being carried out • More better placement efforts are required • Participation by students being carried out	* ACM chapters will be planned in future * Only one batch has passed out. * More prospective placements will be targeted in future.
CRITERION 6: Governance, Leadership and Management	• HOD's given specific fund every month	HODs fund available.

CONTINUOUS IMPROVEMENT				
Continuous Improvement	PART A-COs Attainment			
	Course outcomes for all courses	● Justification process can be improved ● Action are taken in appropriate manner	CoPo mapping process will be reviewed	
	Programme Articulation matrix and course Articulation matrix			
	Attainment of course outcomes			
	COs attainment and Action taken for improvement			
	PART B-POs/PSOs Attainment			
	Attainment of POs and PSOs	● CI is yet to be realized as the department is newly established	CI is now based on internal audits	
	Action taken for CI based on POs/PSOs			

SWOC ANALYSIS	
I. Strengths:	- Admission (students) is good - Enthusiastic faculty in answering queries - Lab and other infrastructure appears to be good
II. Weakness:	Cos for those subjects which are common to CSE-IT-AIDS should be same and Cos should be distinguished from course objectives
III. Opportunities:	- Patents/copy right in AI/ML/DL domain - Quality of publication in the interdisciplinary domain

IV. Challenges:

- Fastest changes & challenges to meet industry requirements

Any Other Comments

Documentation/filing system requires improvement using suitable cabins & cupboards

Cabins & cupboards will be purchased.



DQAC member



Head of the Department



Director-IQAC

Dr. K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR

Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022



Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT**
(AAA) 2023-2024
External Audit

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL AUDIT

Description	Details
Name of the Department	Artificial Intelligence & Data Science
Date of Audit	23/11/24 1.30 - 4.30 pm
Name, Designation and Address of Auditor	K. Chandrasekaran, Professor-CSE NITK Suratkal

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	No NBA Accreditation Visit-So far	Not yet	Preparatory work goes on.

CRITERION 1 Curricular Aspects	Minutes of Board of studies	yes	available as per requirement	satisfactory
	Minutes of Academic and Administrative committee meetings	yes	- do -	satisfactory
	Curriculum Development Cell	yes	- do -	details are being provided.
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	yes	available	satisfactory
	Stakeholders feedback:			
	(i) For defining Vision, Mission, PEOs and PSOs	yes	available	Various feedback forms available for different stakeholders
	(ii) Curriculum Enrichment and Compliance	yes	available	Identifying 'curricular gaps' by stakeholders was possible.
	Quality of Student Projects	yes	satisfactory	mostly ML/DE driven projects.
	Internship/Industrial training with feedback analysis	yes	mandatory for all students	IT & other industries
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	yes	documents are provided.	Scope for improvements in terms of preparing questions (with suitable answer keys)
CRITERION 2: Teaching, Learning and Evaluation	Assignments and Evaluation	yes	documents are provided	
	Course files(All Courses, Laboratory Courses and Project)	yes	files are available	
	Patent and Copyrights	yes	not in full fledged manner	yet to be active as it is a new
	Teaching and Non-teaching Profile	yes	details are available.	& PhD faculty scope for more qualified (in AI/ML/DE) faculty in the dept.

CRITERION 3: Research, Innovations and Extension	Entrepreneurship cell (EDC)	yes	initial details are provided.	scope for students to do start-up company
	Faculty as participants in FDP/STTPs/Trainings	yes	details are available	more participation (offline) required
	Tutor Ward Meeting / Class Committee Minutes	yes	- do -	scope for re-forming the composition of the committee
	Slow learners class	yes	- do -	special classes are being arranged.
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	yes	- do -	mostly (online) only
	Adjunct faculty details	yes	details are provided.	satisfactory
	Innovations by the faculty in Teaching- Learning Process	yes	- do -	upto some extent up to 10%
	Academic Research- Research Publications	yes	details are available.	projects in the actual domains of research in AI/ML would be better rather than applications in addition to applications
	Sponsored Research - Research Projects	yes	just applied }	
	Consultancy Projects and Outcomes	yes	just started }	
	Research Supervisor and Research Scholars	yes	going on	-
	Seed Money Policy and outcome with utilization certificate	provision available	not yet - started	-
	Incentive File	provision available	details are available	scope for all faculty to avail this facility
	Faculty competencies and outcomes	yes	details are given	verified.

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	yes	available	scope for setting-up more specialized labs digital library - encouraged more activities are required → applicable here also
	Department Library	not available	not started yet	
	Social Development Club activities	yes	available	
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	not yet	proposed	
	Semester End Examination Result Analysis	yes	work being carried out	
CRITERION 5: Student support and Progression	Continuous Internal Assessment Result Analysis	yes	- do -	more rigorous analysis required - do -
	Scholarship (Government and Non-Government)	yes	- do -	Govt & College scholarships available.
	Professional Society Activities	yes	details - not sufficient (ISTE)	ACM / ACM-W are to be planned
	Technical Association Activities	yes	details are available	activities are being carried out
	Placement, Higher studies and Entrepreneurs list	yes	- do -	more better placement efforts are required
	Achievements in Co-Curricular and Extra Curricular activities	yes	details are provided	participation by students being carried out
	Department Budget (Allocation and Utilization)	yes	Budget Proposal & Utilization details	details are available.
	Decentralization	yes	details are being shown	top 3 given specific fund every month
CRITERION 6: Governance, Leadership and Management	Students Feedback on faculty	yes	format shown	

CONTINUOUS IMPROVEMENT

PART A-COs Attainment

Course outcomes for all courses	yes	available	satisfactory
Programme Articulation matrix and Course Articulation matrix	yes	available	justification process can be improved
Attainment of Course outcomes	yes	details available	use of spreadsheet
COs attainment and Action taken for improvement	yes	- do -	actions are taken in appropriate manner

Continuous Improvement

PART B-POs/PSOs Attainment

Attainment of POs and PSOs	yes	details shown	available.
Action taken for CI based on POs/PSOs	yes	details shown	CI is yet to be realized as the dept is newly established one.

SWOC ANALYSIS

I. Strengths:

- Admission (students) is good
- entamestic faculty in answering queries.
- lab and other infrastructure appears to be good.

II. Weakness:

COs for those subjects which are common to CSE-IT-AIDS should be same, and, COs should be distinguished from course objectives.

III. Opportunities:

- Patents / copy-right in AI/ML/A domain
- quality of publications in the interdisciplinary domain

IV. Challenges:

- fastest changes & challenges to meet industry requirements

Any Other Comments

Documentation / filing system requires improvement - using suitable cabins & cupboards.


Signature of the Auditor
K. Chandrasekaran

Head of the Auditee Department


Dr. V. Karpagam, Pof & Head/AIDS

ACADEMIC &

ADMINISTRATIVE AUDIT

(AAA) 2023-2024

External Audit

Sri Ramakrishna Engineering College, Coimbatore

INTERNAL QUALITY ASSURANCE CELL (IQAC)



27.11.2024

ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024

DEPARTMENT OF MBA

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	A detailed list of placement opted students and entrepreneur to be maintained	A detailed list of Placement and entrepreneurs is maintained as a separate file.
CRITERION 1 Curricular Aspects	Syllabus was updated as per the requirements of the industry	Nil
CRITERION 2 Teaching, Learning and Evaluation	E-Content can be developed and posted in Slide share/scribed and the link can be shared to students	E - contents are developed and it will be posted for students usage.
	- Profession Development Programs are organized to develop the skill sets of students - Remedial classes can be documented to keep the weak students	Nil Remedial class documents are available as a separate file.

CRITERION 3: Research, Innovations and Extension	- Text Books authored by faculty can be included for reference - Research funding can be sought from Government /Non-Government agencies seed money can be provided	- Text Books and Reference books Published by Premium Publishers like Tata McGraw Hill & Pearson are Recommended in the syllabus. * Efforts have been taken for applying Research funding from TESSRD (CNOB).
CRITERION 4: Infrastructure and Learning Resources	Well planned and documented	Noted the appreciation.
CRITERION 5: Student support and Progression	Result and students related files are well documented	Noted the appreciation
CRITERION 6: Governance, Leadership and Management	Centralized feedback analysis can be initiated	feedback system available
CONTINUOUS IMPROVEMENT		
Continuous Improvement	PART A-COs Attainment	
	Course outcomes for all courses	Documented as per the requirements and template Nil
	Programme Articulation matrix and course Articulation matrix	
	Attainment of course outcomes	
	COs attainment and Action taken for improvement	
	PART B-POs/PSOs Attainment	
	Attainment of POs and PSOs	NIL
	Action taken for CI based on POs/PSOs	
		Nil

SWOC ANALYSIS

I. Strengths: - Industry connect - Visiting faculty - Professional Development Programme II. Weakness: - Government Funding (ATAL, ICSSR, ICPR etc) III. Opportunities: - Seed money projects - Book Publication IV. Challenges: - Magazine ranking (due to student/faculty strength)	Any Other Comments Dedicated team of faculty contributing towards students welfare
--	---


DQAC member


Head of the Department


Director-IQAC
Dr. K. SRINIVASAN, M.E., Ph.D.,
 DIRECTOR
 Internal Quality Assurance Cell
 Sri Ramakrishna Engineering College
 Coimbatore - 641 022


Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**



EXTERNAL AUDIT

Description		Details
Name of the Department		MBA
Date of Audit		23/11/24
Name, Designation and Address of Auditor		Dr. J. Pavin Banu IQAC Co-ordinator Asso Prof & Head - International Business

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	Yes	NBA Observations: - Student Publications (Verified & found correct). - Placement officers - 21-23-53 22-24-59 (Till Now)	A detailed list of Placement Opted students and Entrepreneurs to be maintained.

CRITERION 1 Curricular Aspects	Minutes of Board of studies	Yes	Syllabus was found updated	Syllabus was updated as per the requirements of the Industry.
	Minutes of Academic and Administrative committee meetings	Yes	Updated	
	Curriculum Development Cell	Yes	Benchmarked with leading Institutions	
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	Yes	Verified	
	Stakeholders feedback: (i) For defining Vision, Mission, PEOs and PSOs (ii) Curriculum Enrichment and Compliance	Yes	Enriched as per the Industry requirements	
	Quality of Student Projects	Yes	Capstone & Final Projects	
	Internship/Industrial training with feedback analysis	Yes	Work diary is maintained	
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	Yes	Verified	
	Assignments and Evaluation	Yes	Verified	
	Course files(All Courses, Laboratory Courses and Project)	Yes	Verified	
CRITERION 2: Teaching, Learning and Evaluation	Patent and Copyrights	-	-	E-Content can be developed and posted in slideshare/ Scribd and the link can be shared to students.
	Teaching and Non-teaching Profile	Yes	Verified	

CRITERION 3: Research, Innovations and Extension	Entrepreneurship cell (EDC)	Yes	Verified	Profession Development Programs are organized to develop the skill sets of students.
	Faculty as participants in FDP/STTPs/Trainings	Yes	Verified	Remedial classes can be documented to help the weak students
	Tutor Ward Meeting / Class Committee Minutes	Yes.	Verified	Text Books Authored by Faculty can be included for Reference.
	Slow learners class	Yes.	Verified	Research Funding can be sought from Govt. / non-govt. agencies. Seed money can be provided.
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	Yes.	Verified	
	Adjunct faculty details	Yes.	Verified	
	Innovations by the faculty in Teaching-Learning Process	Yes.	Verified	
	Academic Research- Research Publications	Yes	Verified	
	Sponsored Research - Research Projects	Yes	Verified	
	Consultancy Projects and Outcomes	Yes	Verified	
	Research Supervisor and Research Scholars	Yes.	Verified	
	Seed Money Policy and outcome with utilization certificate	-	-	
	Incentive File	Yes.		
	Faculty competencies and outcomes	Yes.		

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	Yes.	Verified	Well planned and documented.
	Department Library	Yes.	Verified	
	Social Development Club activities	Yes.	Community Prospect Outreach Activities	
	Centre of Excellence Laboratory/ Industry Supported Laboratory with Activities	—	—	
	Semester End Examination Result Analysis	Yes.	Verified	
CRITERION 5: Student support and Progression	Continuous Internal Assessment Result Analysis	Yes.	Verified	Result and student related files are well documented.
	Scholarship (Government and Non-Government)	Yes.	Verified	
	Professional Society Activities	Yes.	Verified	
	Technical Association Activities	Yes.	Verified	
	Placement, Higher studies and Entrepreneurs list	Yes.	Verified	
	Achievements in Co-Curricular and Extra Curricular activities	Yes.	Verified.	
	Department Budget (Allocation and Utilization)	Yes.	Verified	
	Decentralization	Yes.	Verified.	
	Students Feedback on faculty	Yes.	Verified	
CRITERION 6: Governance, Leadership and Management				Centralised Feedback Analyse can be initiated.

CONTINUOUS IMPROVEMENT				
Continuous Improvement	PART A-COs Attainment			
	Course outcomes for all courses	Yes	Verified	
	Programme Articulation matrix and Course Articulation matrix	Yes	Verified	Documented as
	Attainment of Course outcomes	Yes	Verified	Per the requirements
	COs attainment and Action taken for improvement	Yes	Verified	and Template.
	PART B-POs/PSOs Attainment			
	Attainment of POs and PSOs	Yes	Verified	
	Action taken for CI based on POs/PSOs	Yes	Verified	

SWOC ANALYSIS	
I. Strengths:	1. Industry Connect. 2. Visiting Faculty 3. Professional Development Programmes.
II. Weakness:	1. Government Funding (ATAK, ICSSR, ICPR etc)

III. Opportunities:

- Seed Money Projects
- Book Publications

IV. Challenges:

- Magazine Rankings (due to student/faculty strength).

Any Other Comments

Dedicated Team of Faculty contributing towards students welfare.

Signature of the Auditor

[Signature]
23/11/24

Head of the Auditee Department

[Signature]
23/11/24

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)



27.11.2024

ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024
DEPARTMENT OF CHEMISTRY

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	NIL	
CRITERION 1 Curricular Aspects	NIL	
CRITERION 2 Teaching, Learning and Evaluation	NIL	
CRITERION 3: Research, Innovations and Extension	NIL	

CRITERION 4: Infrastructure and Learning Resources	NIL	
CRITERION 5: Student support and Progression	NIL	
CRITERION 6: Governance, Leadership and Management	NIL	
CONTINUOUS IMPROVEMENT		
Continuous Improvement	PART A-COs Attainment	
	Course outcomes for all courses	NIL
	Programme Articulation matrix and course Articulation matrix	
	Attainment of course outcomes	
	COs attainment and Action taken for improvement	
	PART B-POs/PSOs Attainment	
	Attainment of POs and PSOs	NIL
	Action taken for CI based on POs/PSOs	

SWOC ANALYSIS

I. Strengths:

- Strong – Student and faculty engagement in academic mentoring was recognized
- The curriculum aligns with current scientific advancements

II. Weakness:

- Lack of patents or commercialization of research findings

III. Opportunities:

- Industry collaboration and partnerships

IV. Challenges:

- Difficulty in securing external funding for advanced research projects

Any Other Comments

NIL



DQAC member



Director-IQAC

Dr. K. SRINIVASAN. M.E., Ph.D.,
DIRECTOR
Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022



Head of the Department



Chairperson IQAC

ACADEMIC & ADMINISTRATIVE AUDIT (AAA) 2023-2024 External Audit	Sri Ramakrishna Engineering College, Coimbatore INTERNAL QUALITY ASSURANCE CELL (IQAC)
---	--

EXTERNAL AUDIT

Description	Details
Name of the Department	CHEMISTRY
Date of Audit	23.11.2024
Name, Designation and Address of Auditor	Dr. D. Maruthamani Assistant Professor (S&L Gr) Dept. of Chemistry, PSGCT.

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	YES - NA -	—	—

CRITERION 1 Curricular Aspects	Minutes of Board of studies	yes	Verified	
	Minutes of Academic and Administrative committee meetings	yes	"	
	Curriculum Development Cell	yes	"	
	One credit courses, Direct self-study, NPTEL credit transfer/other online certifications	-NA-	-	
	Stakeholders feedback:			
	(i) For defining Vision, Mission, PEOs and PSOs	yes	-	
	(ii) Curriculum Enrichment and Compliance			
	Quality of Student Projects	-NA-	-	
CRITERION 2: Teaching, Learning and Evaluation	Internship/Industrial training with feedback analysis	-NA-	-	
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	yes	Verified	
	Assignments and Evaluation	yes	"	
	Course files(All Courses, Laboratory Courses and Project)	yes	"	
	Patent and Copyrights	NIL	"	
	Teaching and Non-teaching Profile	yes	Verified	

	Entrepreneurship cell (EDC)	-NA-	
	Faculty as participants in FDP/STTPs/Trainings	Yes	Verified
	Tutor Ward Meeting / Class Committee Minutes	Yes	"
	Slow learners class	Yes	"
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	Yes	"
	Adjunct faculty details	NIL	-
	Innovations by the faculty in Teaching-Learning Process	Yes	Verified
CRITERION 3: Research, Innovations and Extension	Academic Research- Research Publications	Yes	"
	Sponsored Research - Research Projects	NIL	-
	Consultancy Projects and Outcomes	NIL	-
	Research Supervisor and Research Scholars	Yes	Verified
	Seed Money Policy and outcome with utilization certificate	Yes	Verified
	Incentive File	Yes	Verified
	Faculty competencies and outcomes	Yes	Verified

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	Yes	Verified	
	Department Library	NIL		
	Social Development Club activities	- N/A -		
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	- NIL -		
CRITERION 5: Student support and Progression	Semester End Examination Result Analysis	Yes	Verified	Science Association Activities.
	Continuous Internal Assessment Result Analysis	Yes	Verified	
	Scholarship (Government and Non-Government)	- N/A -		
	Professional Society Activities	NIL		
	Technical Association Activities	Yes		
	Placement, Higher studies and Entrepreneurs list	- N/A -		
	Achievements in Co-Curricular and Extra Curricular activities	NIL		
CRITERION 6: Governance, Leadership and Management	Department Budget (Allocation and Utilization)	Yes	Verified	
	Decentralization	Yes	Verified	
	Students Feedback on faculty	Yes	✓	

CONTINUOUS IMPROVEMENT				
Continuous Improvement	PART A-COs Attainment			
	Course outcomes for all courses	Yes	Verified	
	Programme Articulation matrix and Course Articulation matrix	Yes	"	
	Attainment of Course outcomes	Yes	"	
	COs attainment and Action taken for improvement	Yes	"	
	PART B-POs/PSOs Attainment			
	Attainment of POs and PSOs	Yes	Verified	
	Action taken for CI based on POs/PSOs	Yes	Verified	

SWOC ANALYSIS	
I. Strengths:	* Strong - Student and faculty engagement in academic mentoring was recognized. * The curriculum aligns with current scientific advancements.
II. Weakness:	* Lack of patents or commercialization of research findings.

III. Opportunities:

Industry Collaboration and Partnerships

IV. Challenges:

Difficulty in securing external funding for advanced research projects.

Any Other Comments

—

Matthew
Signature of the Auditor
23/11/24



Head of the Auditee Department

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**



27.11.2024

ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024

DEPARTMENT OF ENGLISH

Criterion	Suggestions for improvement	ACTION TAKEN
NBA Accreditation reports of past Visit	NIL	-
CRITERION 1 Curricular Aspects	Curriculum is enriched based on Cambridge University Standards	-
CRITERION 2 Teaching, Learning and Evaluation	- The Question papers are based on LSRW skills - All the faculty members of the department has completed BEC-Teachers knowledge, vantage & received examiner recognition - BEC training & IELTS orientation for the students is carried out effectively	-
CRITERION 3: Research, Innovations and Extension	Research funding can be fetched from agencies like ICPR (Indian Council for Philosophical Research) to organize periodical lecture and ICSSR to organize seminar & conference in social science	<i>Research Proposal has been Submitted through ICSSR.</i>

CRITERION 4: Infrastructure and Learning Resources	• CELAR Lab for Cambridge training	
CRITERION 5: Student support and Progression	• Organized for the first year students	
CRITERION 6: Governance, Leadership and Management	• Done as per norms	
CONTINUOUS IMPROVEMENT		
Continuous Improvement	PART A-COs Attainment	
	Course outcomes for all courses	NIL
	Programme Articulation matrix and course Articulation matrix	
	Attainment of course outcomes	
	COs attainment and Action taken for improvement	
	PART B-POs/PSOs Attainment	
	Attainment of POs and PSOs	NIL
	Action taken for CI based on POs/PSOs	

SWOC ANALYSIS

I. Strengths:

- Curriculum is in line with BEC
- All faculty members are BEC Trainers with certifications
- Training is extended for students

II. Weakness:

- Identification of publication source

III. Opportunities:

- Consultancy on IELTS Training extended to school students & corporates

IV. Challenges:

NIL

Any Other Comments

The faculty team is resourceful and updated to train the students and improve their skill sets


DQAC member


Director-IQAC

Dr. K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR
Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022


Head of the Department

Dr. VICHITRA SIVAJI
Professor
Department of English
Sri Ramakrishna Engineering College
Vattamalaipalayam, Coimbatore - 22.

Chairperson IQAC



**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)

EXTERNAL AUDIT

Description		Details
Name of the Department		English
Date of Audit		23/11/24
Name, Designation and Address of Auditor		Dr. J. Parin Banerjee - IQAC Co-ordinator Asso. Prof & Head - SRCAS.

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ACADEMIC FILES				
NBA Accreditation reports of past Visit	Action taken based on Concern / Weakness / Deficiencies of latest NBA visit	NA	NA	NA

CRITERION 1 Curricular Aspects	Minutes of Board of studies	Yes	Verified	The Q. Papers are based on LSRW skills. All the faculty members of the Department has completed BEC - Teachers knowledge, Vantage & received Examinee Recognition
	Minutes of Academic and Administrative committee meetings	Yes	Verified	
	Curriculum Development Cell	Yes	Verified	
	One credit courses, Direct self-study, NPTEL credit transfer/ other online certifications	Yes	Verified.	
	Stakeholders feedback: (i) For defining Vision, Mission, PEOs and PSO's (ii) Curriculum <u>Enrichment</u> and Compliance	Yes. NA.	Curriculum is enriched based on Cambridge University standards	
	Quality of Student Projects	NA.	—	
	Internship/Industrial training with feedback analysis	NA.	—	
	Quality of Question paper and Answer key in Internal tests with sample Answer Scripts	Yes.		
CRITERION 2: Teaching, Learning and Evaluation	Assignments and Evaluation	Yes.		
	Course files(All Courses, Laboratory Courses and Project)	Yes.		
	Patent and Copyrights	NA.		
	Teaching and Non-teaching Profile	Yes.		

	Entrepreneurship cell (EDC)	NA.	—	BEC Training & IEXTS Orientation for the students is carried out effectively.
	Faculty as participants in FDP/STTPs/Trainings	Yes		
	Tutor Ward Meeting / Class Committee Minutes	NA Yes.		
	Slow learners class	Yes.		
	Online certifications by faculty (NPTEL, SWAYAM, BEC and other Online Courses)	Yes.		
	Adjunct faculty details	NA.		
	Innovations by the faculty in Teaching-Learning Process	Yes.	Cambridge app.	
	Academic Research- Research Publications	Yes.		
	Sponsored Research - Research Projects	NA		
CRITERION 3: Research, Innovations and Extension	Consultancy Projects and Outcomes	NA		Research Funding Can be fetched from Agencies like ICPR (Indian Council for Philosophical Research) to organise Periodical Lecture and ICSSR to organise Seminars & Conference in Social Sciences.
	Research Supervisor and Research Scholars	NA		
	Seed Money Policy and outcome with utilization certificate	NA		
	Incentive File	NA		
	Faculty competencies and outcomes	Yes.		

CRITERION 4: Infrastructure and Learning Resources	Laboratories (Area, Equipment, Registers and Manuals) and Laboratory Records	Yes.	Verified	CELAR Lab for Cambridge Training.
	Department Library	Yes.	Verified	
	Social Development Club activities	Yes.	Verified	
	Centre of Excellence Laboratory/Industry Supported Laboratory with Activities	CELAR -	Verified	
	Semester End Examination Result Analysis	Yes.	Verified	
CRITERION 5: Student support and Progression	Continuous Internal Assessment Result Analysis	Yes.	Verified	Organised for the first year students
	Scholarship (Government and Non-Government)	NA	Not Verified	
	Professional Society Activities	NA	Not Verified	
	Technical Association Activities	NA	Not Verified	
	Placement, Higher studies and Entrepreneurs list	NA	Not (Verified)	
	Achievements in Co-Curricular and Extra Curricular activities	Yes.	Verified	
	Department Budget (Allocation and Utilization)	Yes	Verified	
	Decentralization	Yes.	Verified	
CRITERION 6: Governance, Leadership and Management	Students Feedback on faculty	Yes.	Verified.	Done as per norms.

CONTINUOUS IMPROVEMENT			
CONTINUOUS IMPROVEMENT			
Continuous Improvement	PART A-COs Attainment		
	Course outcomes for all courses	Yes	
	Programme Articulation matrix and Course Articulation matrix	Yes	
	Attainment of Course outcomes	Yes	
	COs attainment and Action taken for improvement	Yes	
	PART B-POs/PSOs Attainment		
	Attainment of POs and PSOs	Yes	
Continuous Improvement	Action taken for CI based on POs/PSOs	Yes.	

SWOC ANALYSIS	
I. Strengths:	Curriculum is in line with BEC. All faculty members are BEC Trainers with certifications. Training is extended for students.
II. Weakness:	Identification of Publication Sources.

III. Opportunities:

Consultancy on IELTS Training extended to school students & corporates.

IV. Challenges:

Any Other Comments

The faculty team is resourceful and updated to train the students and improve their skill sets.

Signature of the Auditor

Dr. J. Parin Banu.

Head of the Auditee Department

27.11.2024

ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024

DEPARTMENT OF LIBRARY

Criterion	Suggestions for improvement	ACTION TAKEN
Library	• Include photo proof submit	Photos of Various Library Sections have been included.

H. Numa
DQAC member



Head of the Department

Dr. K. Srinivasan
Director-IQAC
Dr. K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR
Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022

As
Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**

EXTERNAL AUDIT

Description	Details
Name of the Administrative Department	LIBRARY
Date of Audit	23/11/24
Name, Designation and Address of Auditor	Dr. M. Sangeetha, Associate Professor, Dept of IT, C.I.T

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ADMINISTRATIVE FILES				
Library	Library Space and Ambience	Yes	Filed.	photo proof.
	Total Books Summary	Yes	Filed.	
	Total Journals and Magazines Summary	Yes	Filed.	

National Journals and International(Online) Journals	yes	filed
General Magazine	yes	Filed
Digital Resources	yes	Filed.
Library Staff Details	yes	* certificate verified.
Library Events/Activities	yes	* proof verified.
Library facilities for students Improvements	yes	Activities dispare.
Books Purchase Details	yes	Invoice verified
E-Books and Remote Access Subscription details	yes	Files.
Journals & Magazines Subscription details	yes	purchase order verified
E-resources Subscription details	yes	Verified
Other Digital Resources	yes	E_Books.
Library Budget Approval & Utilization	yes	Files
Library Expenditure details	yes	File


 Signature of the Auditor
 [Dr. M. Sangeetha]


 Head of the Auditee Department

Dr. K. Srinivasan



ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)



27.11.2024

ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024

DEPARTMENT OF PHYSICAL EDUCATION

Criterion	Suggestions for improvement	ACTION TAKEN
Sports	All documents are available	

N. Srinivasan
DQAC member

N. Srinivasan
Head of the Department

Dr. K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR
Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022

A. Srinivasan
Chairperson IQAC

ACADEMIC &

ADMINISTRATIVE AUDIT

(AAA) 2023-2024

External Audit

Sri Ramakrishna Engineering College, Coimbatore

INTERNAL QUALITY ASSURANCE CELL (IQAC)



EXTERNAL AUDIT

Description	Details
Name of the Administrative Department	physical Education Department
Date of Audit	23/11/2024
Name, Designation and Address of Auditor	Dr. M. Sangeetha, Associate Professor, Dept of PE C.T. 1

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
ADMINISTRATIVE FILES				
Sports	Sports-Infrastructure details	yes	Filed	—
	Activities conducted with proof	yes	Filed	
	Achievements by students	yes	Filed	

	Gym Facilities		yes	Filed	
--	----------------	--	-----	-------	--


 Signature of the Auditor
 Dr. M. Sangath


 Head of the Auditee Department



ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit

Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)



27.11.2024

ACTION TAKEN REPORT – EXTERNAL AAA AUDIT 2023-2024

DEPARTMENT OF OFFICE

Criterion	Suggestions for improvement	ACTION TAKEN
Office	All documents are available	<i>All documents are available.</i>


DQAC member


Head of the Department


Director-IQAC
Dr. K. SRINIVASAN, M.E., Ph.D.,
DIRECTOR
Internal Quality Assurance Cell
Sri Ramakrishna Engineering College
Coimbatore - 641 022


Chairperson IQAC

**ACADEMIC &
ADMINISTRATIVE AUDIT
(AAA) 2023-2024
External Audit**

**Sri Ramakrishna Engineering College, Coimbatore
INTERNAL QUALITY ASSURANCE CELL (IQAC)**

EXTERNAL AUDIT

Description	Details
Name of the Administrative Department	Office
Date of Audit	23.11.2024
Name, Designation and Address of Auditor	Dr. D. Maruthamani Assistant Professor (SG) Dept. of Chemistry, PSCCT

LIST OF FILES TO BE AUDITED

Criterion	Items	Verification (Yes/No)	Observations	Suggestions for improvement
Office	Admission Advertisement	Yes	Available	—
	Institution Brochures	Yes	Available	
	Nominal roll of students	Yes	"	

	Correspondence with DOTE	Yes	Available	—
	Correspondence with AICTE	Yes	Available	
	Correspondence with AUT	Yes	Available	
	Correspondence with UGC	Yes	Available	
	Correspondence with NBA	Yes	Available	
	Correspondence with NAAC	Yes	Available	
	Accidental Insurance Policy	Yes	Available	
	Students scholarship	Yes	Available	
	Individual students details	Yes	Available	
	Office copy of TCs	Yes	Available	
	Admission Register	Yes	Available	
	Circulars / Notices	Yes	Available	


 Signature of the Auditor
 23/11/2024

23/11/2024
 Head of the Auditee Department
 Ms. SRIDEVI.P