



ACADEMIC AND ADMINISTRATIVE AUDIT REPORT 2020-2022



SRI RAAJA RAAJAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai) 146/14B1,
Amaravathi Village, Amaravathiputhur Post,
Karaikudi – 630 301, Sivagangai Dt, Tamil Nadu



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Karaikudi – 630 301, Sivagangai Dt, Tamil Nadu

Website : www.sriraaajaraajan.in, E-mail : srrcet2010@gmail.com, Ph: 04565-234230

Institution vision:

To function as the center of excellence with world class institutional and infrastructural facilities to realize the vision highly disciplined, talented students into intellectual empathetic and responsible citizens.

Institution Mission:

To provide the state of art facilities to the members of faculty and students to access and to engage those in the diligent research .to collaborate the best minds in the industries with academia of the college thereby empowering the students to meet the global standards.

About US:

Sri Raaja Raajan College Of Engineering and Technology(SRRCET)is a self-financing Engineering College, approved by AICTE,NEW DELHI and affiliated to Anna university,Chennai.It was established during 2010 by Sri Muthumariamman Charitable and Educational Trust to fulfill the long felt public need of an institute of excellence in Karaikudi.The college is situated at Amaravathipudur-midway between Karaikudi and Devakottai.The institution offers 6 UG (CIVIL,CSE,ECE,EEE,AGRI,and MECH)courses and one PG course (CSE)in Engineering discipline.





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INTERNAL QUALITY ASSURANCE CELL ACADEMIC AND ADMINISTRATIVE AUDIT REPORT –EXTERNAL PERIOD OF ASSESSMENT 2020 to 2022

Name of the Auditee : Sri Raaja Raajan College of Engineering and Technology

Year of Establishment : 2010

Date on which audit was conducted: 21.10.2022 and 22.10.2022

Audit peer team committee members:

As per the names suggested and their consent, Academic and Administrative Audit Committee for the year 2020-2022 consisting of the following members was constituted by the Principal:

S.No	Dept. to visit	Name of the External Member	Designation	College/Industry	
1	MECHANICAL ENGG.	DR.A.ELANGO	Principal	Algappa Chettiar College of Engineering and Technology, Karaikudi	Chairman
2	CSE	DR.K.VADIVEL	Professor	NIT, Trichy	Member
3	ECE	DR.S.MANIKANDAN	Professor	Anna University ,Chennai	Member
4	EEE	DR.A.ARUNYA REVATHI	Associate Professor	Algappa Chettiar College of Engineering and Technology, Karaikudi	Member
5	CIVIL ENGG.	DR.R.ILANGO VAN	Associate Professor	Anna University Regional College ,Pattukottai Campus	Member
6	S & H	DR. K.VELMANIRAJAN	Professor	KLN college of Engineering, Madurai	Member



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AUDIT SCHEDULE

Day 1:21.10.2021

Time	Activities
8.30 - 8.40 am	Warm Welcome
8.40 - 9.10 am	Meet with Principal
9.10 - 9.40 am	Office visit
9.45 - 10.30 on	Department of Computer science and Engineering
10.35 - 11.15 am	Department of Civil Engineering
11.15 - 11:25 am	Break
11:30 - 12.15 pm	Department of Electrical and Electronics Engineering
12.20 - 1:10 pm	Department of Electronics and Communication Engineering
1:10 - 2:10 pm	Lunch Break
2:30 - 3.20 pm	Department of Mechanical Engineering
3:30 - 4:00 pm	Library
4:10 — 4:40 pm	Department of Physical Education
4:50 — 5:20 pm	Innovation Centre

Day 2:22.10.2021

Time	Activities
8:40 — 9:30 am	Department of Science and Humanities
9:40 — 10:30 am	NSS ,YRC student Council
10:30 — 10:40 am	Break
10:45 — 11:35 am	IQAC
11.45 - 12:30 am	Training and Placement Cell
12:35 — 1:20 pm	Lunch Break
1:30 - 2:30 pm	Final Report

INTERNAL QUALITY ASSURANCE CELL
PERIOD OF ASSESSMENT 2020-2021 & 2021-2022

Dates of Audit: 21.10.2021 and 22.10.2021

S. No.	Parameter	Verification Yes/No	Observations / Suggestions
Curricular Aspects			
1	Is curriculum in line with local/national/regional/global needs and with PO, PSO	Yes	Verified curriculum formulation process and CO & PO attainment process
2	Is the curriculum focus on employability / skill development/ entrepreneurship	Yes	Verified curriculum components
3	Is new course introduced and syllabus periodically updated	Yes	Verified BoS minutes
4	Is CBCS / elective system implemented	Yes	Verified curriculum and regulation
5	Whether the issues of Environment and Sustainability, Gender, Human Values and Professional Ethics addressed by courses	Yes	Offering Course on Universal Human Values and Professional Ethics
6	Is value added course/ field projects /research projects/ internships introduced and students enrolled	Yes	Value Added and Skill Development Courses are conducted, Funded and field Research projects have been carried out – Internships are arranged for the students.
7	Is Stakeholder feedback taken for the design and review of syllabus and action taken	Yes	Verified BoS minutes
Teaching, Learning and Evaluation			
8	Is measures taken for supporting advanced learners and slow learners?	Yes	Verified the supporting methodologies
9	Student – Full time teacher ratio	Satisfied	1:10

10	Is student centric method used for enhancing learning experiences?	Yes	Experimental and participative learning methodologies are practiced. Efforts need to be taken for motivating all the students to get involved in such practices.
11	Is ICT enabled Teaching / Examination / evaluation practiced?	Yes	Efficient Learning Management System in place
12	Full-time teachers with Ph.D.	Yes	14 staff with Ph.D
13	Number of teachers who received awards and recognitions	Yes	Two International awards received from ISRO and NASA
14	Is grievances related to teaching - learning / examination / evaluation / facilities addressed?	Yes	Fully functional Grievances Redressal Cell
15	Availability /Dissemination /Attainment of POs, PSOs,Cos	Yes	Verified dissemination strategies and outcome attainment.
18	Average Pass Percentage	Yes	UG -95% result PG-98 % result
19	Is Student satisfaction survey (SSS) taken on teaching learning process / action taken?	Yes	SSS and ATR available in the Institutional website

Research and Development

20	Is Seed Money received for research?	Yes	- Management has granted seed money for research promotion
21	Is national/ international fellowship received/ financial support for advanced studies/ Research/ innovation and incentives provided by the institution?	Yes	- Funds received by researchers - Financial support for advanced studies can be improved. - Incentives are provided for Research activities

22	Is Extramural funding for Research /by Govt/ / Non-govt. agencies/Fund for organizing seminars and conferences received?	Yes	- Funding received from many External organization
23	Eco system for innovations including Incubation center and other initiatives	Yes	Functional Innovative Project Cell and Incubation centre and start ups workshop and initiated
24	Is workshops/seminars conducted on Research methodology, entrepreneurship, skill development	Yes	Organized Seminar in all the Department
25	Patents published/awarded	Yes	Patents Granted and Published - 06
26	Research papers / books and chapters / e-content / Citation Index/ h-index	Yes	Research Papers – 58 Book Published - 07
27	Extension activities in the neighborhood community / awards received / programs conducted/ students participated	Yes	- Outreach Programs organized - Awards received - NSS students involved
28	Collaborative activities/functional MoUs	Yes	- Functional MoUs -22 - Actively collaborated with National Organizations

Infrastructure

29	Facilities for smart class rooms / virtual rooms / conference rooms / furnished staff cabin / New laboratories	Yes	- Smart Classrooms in all departments - New faculty cabins furnished - ICT enabled classrooms - Seminar Halls available. - New Labs Established
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30	ICT - enabled facilities	Yes	- ICT enabled Class Rooms and Seminar Halls available. - Conference Hall - 34 laboratories
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31	Student - Computer ratio / available bandwidth of internet	Yes	<ul style="list-style-type: none"> - 4:1 - Available Bandwidth :50Mbps - Wired and Wi-fi
32	Facilities for e-content development	Yes	<ul style="list-style-type: none"> - Media Centre
33	Budget allocation	Yes	<ul style="list-style-type: none"> - Verified finance committee Minutes.
Student Support and Progression			
34	Students benefited by scholarships / career counselling/ guidance for competitive examinations	Yes	<ul style="list-style-type: none"> - 90% of the students are getting scholarships - Students are getting career counselling sessions - Students are Properly guided for Competitive Examinations.
35	Capacity development and skills enhancement initiatives	Yes	20 Capacity development and skills enhancement program were organized
36	Redressal of student grievances / ragging / Sexual harassment	Yes	<ul style="list-style-type: none"> - Verified Minutes of Meeting in Student grievance cell - Verified the minitus of Ragging & Sexual harassment cells
37	Students qualifying in state/ national/ international level examinations	Yes	<ul style="list-style-type: none"> - Very few students only - Verified database with students advisory bureau and Higher studies - Need improvement
38	Placement of outgoing students/ progressed to higher education/Capability enhancement programs for Placement	Yes	85 % to 90 % of students were placed Verified database with placement and students advisory bureau
39	Awards won by students for outstanding performance in sports/cultural activities	Yes	<ul style="list-style-type: none"> - 40 students have won in sports and cultural activities

40	Presence of Student Council and its activities / Representation of students on Academic and administration activities	Yes	3 Student Council members for 2020-22 Various sports, cultural and club activities are conducted by student's council
40	Sports and cultural events / competitions organized	Yes	- Events are organized for students
41	Registered and functional alumni association*/ alumni contribution	Yes	Student mentorship programmes, Induction programmes, lecture series , mock interviews are organized from the Alumni association. Activities ,contributions and records are maintained

Governance, Leadership and Management

42	Is Statutory committee meetings held periodically *	Yes	- Verified Minutes of Meeting
43	Is e-governance implemented? *	Yes	- Admission, teaching, learning, Evaluation, Placement, ERP, Learning management system
44	Performance appraisal system, promotional avenues	Yes	- PAS (Performance appraisal system)Followed - Promotional avenues given in Service policy.
45	Faculty and staff effective welfare measures *	Yes	- Medical insurance, P.F General hospital concession for treatment and pharmacy, Tuition fee concession for the children of staff, Children day care facility , Faculty appreciation with cash awards for Teaching , Research and service achievements for staff.
46	Financial support to attend conferences / workshops and membership fee of professional bodies	Yes	Faculty were provided with financial assistance as per the norms

			in Guidelines for attending Conferences and Workshops.
47	Professional development / administrative training Programmes organized / attended	Yes	- FDP and Administrative training Programmes were organized
48	Grants received for development and maintenance of infrastructure from govt./ non-govt. bodies	Yes	- Grants are received from Non-government bodies - Needs improvement in this area
49	Internal and external financial audits *	Yes	- Verified Audited statements
50	Revenue generated from consultancy	Yes	- Needs concentration
51	Facilities for / cultural activities, yoga and sports *	Yes	- Sports Indoor Stadium, Cricket, volleyball ground, Yogacenter facilities,
52	Hostel facility / guest room facility / Secured Campus*	Yes	Security personnel guarding the entire campus area One ladies hostel & one Boys Hostel with securitics allotted both day and night shift. CCTV cameras located at all the strategic locations in the campus Biometric devices are available for faculty Fire extinguishers and first aid boxes are kept at all the necessary locations.
53	Infrastructure augmentation*	Yes	Class rooms, Labs, Garden, play ground facilities established.
54	Innovation and Start up cell*	Yes	Seed grant is being provided to facilitate the conversion of innovative research and development ideas into products and services
Institutional Values and Best Practices			
55	Promotion of gender equity	Yes	Gender equity programmes organized Female faculty is available in Internal

			complaints committee for Sexual Harassment, Women grievance cell, Anti-discrimination cell, Students Help Desk, Anti-Ragging committee, Counselling division, International women's day celebrated
56	Is facilities available for alternate sources of energy/ energy and water conservation/ management of degradable and non-degradable waste /e-wastemanagement*	Yes	Solar panel for lights and fans Sensor-based energy conservation, LED bulbs and power efficient initiative Equipment are used Water conservation facility Available Waste management is carried out efficiently (solid, liquid,)
57	Green campus initiatives /audits on environment and energy/ disabled-friendly / Rainwater harvesting*	Yes	- Tree plantation done , Fish Pond Herbal garden, Environment, energy and water audit is carried out .
58	Efforts/initiatives in providing an inclusive environment*	Yes	Diverse Religious festivals celebration Implementation of Minority Protection Policy and Anti-Discrimination policy
59	National and international commemorative days, events and festivals	Yes	Religious Festivals, National and International Days of Importance are celebrated such as World Food Day , Telecommunication Day Information Society Day, International Computer Literacy Day, Madras Day, Women's day National Leaders Birthday celebrations etc, Verified Annual Report of the activities
60	Best practices	Yes	Village adoption and school adoption scheme Scholarship schemes for underprivileged Faculty motivation by way of Cash prize for research related activities. Psychological counseling centre Blood donation camp

			Eye checkup campaign Tree plantation Sustainable development Swatch Bharat
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Scores for AAA

S.No	Criteria	Max.marks	Marks Awarded
1	Curricular Aspects	150	148
2	Teaching – Learning aspects	300	293
3	Research ,Innovation and Extension	150	140
4	Infrastructure and Learning Resources	100	95
5	Student Support and Progression	100	90
6	Governance and Leadership Management	100	94
7	Institutional value and Best Practices	100	95
Total Score		1000	955

We, the member of the Academic and Administrative Audit team conducted the Academic and Administrative Audit for the year 2020-2022 of Sri Raaja Raajan College of Engineering And Technology College, Amaravathipudur on 21.10.2021 and 22.10.2021

The mark obtained are 955 out of 1000. (95.5%)

Suggestions:

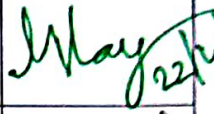
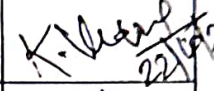
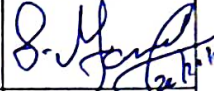

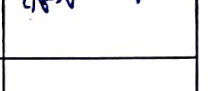

- To introduce certificate/ Diploma skill Development Programmes.
- To enhance CBCS with more flexibility
- To start Artificial Inteligence and Data Science Programmes.
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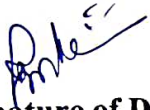
Observation:

Need improvements in the following areas

- Percentage of industry based projects and Paid internship to Students
- Grants received for development and maintenance of infrastructure from Government and Non-Government Organizations
- To Strengthen awards on research and Innovation
- Number of programs on entrepreneurship
- Placement in core companies

Signature of the Members:

S.No	Dept. to visit	Name of the External Member	Designation	College/Industry		Signature
1	Mechanical Engg.	Dr.A.Elango	Principal	Algappa Chettiar College of Engineering and Technology, Karaikudi	Chairman	
2	CSE	Dr.K.Vadivel	Professor	NIT, Trichy	Member	
3	ECE	Dr.S.Manikandan	Professor	Anna University ,Chennai	Member	
4	EEE	Dr.A.Arunya Revathi	Associate Professor	Algappa Chettiar College of Engineering and Technology, Karaikudi	Member	
5	Civil Engg.	Dr.G.Ilangovan	Associate Professor	Anna University Regional College ,Pattukottai Campus	Member	
6	S & H	Dr. K. Velmanirajan	Professor	KLN college of Engineering, Madurai	Member	



Signature of Dean



Signature of Principal

Principal
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Amaravathipudur, Karaikudi - 630 30
Sivagangai Dist. Tamil Nadu