



# SENGUNTHAR ENGINEERING COLLEGE (AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)  
- Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956  
NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



## IQAC - EXTERNAL PEER TEAM REPORT ON PERFORMANCE OF THE COLLEGE FOR THE ACADEMIC YEAR 2023- 2024

The External Peer review meeting for Internal Quality Assurance Cell (IQAC) was held on 11.11.2024 (Monday), 10.00 a.m., at IQAC with the following members to assess the performance of the college.

### Members of External Peer Team:

1. **Dr.S.Selvanayaki** : IQAC Coordinator  
Associate Professor, Department of Mathematics,  
Assistant Dean (NAAC Accreditation & Other Rankings),  
Kumaraguru College of Technology,  
Coimbatore.
2. **Dr.R.Manjuladevi** : IQAC Coordinator,  
Professor,  
Computer Science and Engineering,  
KPR Institute of Engineering and Technology,  
Coimbatore.

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### Internal Members:

Dr. R.Satishkumar, Principal	Chairman
Dr.T.R.Chinnusamy, Dean - Mechanical Sciences	IQAC Co-ordinator
Mr.Aravind Thirunavukkarasu, Director - CR	Member
Dr. K.L. Palanisamy, HoD /S&H Cum Dean (Students Affairs)	Member
Dr.K.Umadevi, HoD/EEE Cum Dean (P&D)	Member
Dr. B. Sujatha, Dean (Academics)	Member
Dr.E.Geetha, Professor/MDE	Member
Prof.P.Thangarasu, HoD/Chemistry Cum COE	Member
Dr.G.P.Raja, HoD/AI&DS	Member
Dr.M.Seenirajan, HoD/Civil	Member
Dr.M.Sakthivel, HoD/CSE	Member
Mr.K.Ashok Kumar, HoD/CSE (SC)	Member
Dr.C.Aarthi, HoD /ECE	Member
Prof.M.Karthikeyan, HoD/IT	Member
Mr.M.S.Muhammadu Sathik Raja, HoD/MDE	Member
Mr.A.Senthilkumar, HoD/RM	Member
Dr.N.Kandasamy, HOD/PT	Member
Dr.M.Sreesakthivelan, HoD/MBA	Member
Mr. N. Thiru Senthil Adhiban, HoD/Mech	IQAC Deputy Coordinator

*S. Selvanayaki*  
11/11/24

*R. Manjuladevi*  
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*S. Selvanayaki*  
11/11/24

*R. Manjuladevi*  
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## Institution vision and Mission

### VISION

To be a prominent center for academia, transforming the lives of aspiring minds by imparting professional, technical, ethical, entrepreneurial skills, and a research attitude to address global challenges.

### MISSION

- Train students to develop into competitive professionals and entrepreneurs with high ethical standards.
- Offer a contemporary and flexible curriculum, industry collaborative teaching, and learning processes to achieve academic excellence in Engineering and Technology.
- Establish research centres of excellence in niche areas to foster research for addressing local and global challenges.
- Engage students in extension activities and outreach programs for social development.

### Agenda

1. Students on – Roll (Academic Year 2023 – 2024)
2. Faculty Strength (Academic Year 2023 – 2024)
3. NAAC (AQAR 2023 - 24)
4. Any Other Points

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The Chairman of the IQAC welcomed the external review members and internal IQAC members; pointed out about the bench mark that has been formulated for the enhancement of the quality of the institution.

The committee verified and noted the following key parameters with respect to the performance of the institution:

- i. Curricular Aspects
- ii. Teaching- Learning and Evaluation
- iii. Research, Innovations and Extension
- iv. Infrastructure and Learning Resources
- v. Student Support and Progression
- vi. Governance, Leadership and Management
- vii. Institutional Values and Best Practices

## I. CURRICULAR ASPECTS

S.No	Criterion	Rating		
		Very good	Good	Satisfactory
1	Quality of vision and mission statements		✓	
2	Implementation of choice-based credit system (CBCS)		✓	
3	Adequacy of courses having focus on employability/entrepreneurship/skill development	✓		
4	Evidence of procedures for framing POs, PSOs and their adequacy		✓	
5	Evidence of attainment of POs, PSOs against set targets			✓
6	Evidence for framing of COs and their attainment against set targets		✓	
7	Evidence for structured feedback system		✓	
8	Quality of IAT and ESE question papers	✓		
9	Preparation and adherence to academic Calendar by the institution	✓		
10	Implementation of Examination reforms	✓		

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## II. TEACHING - LEARNING AND EVALUATION

S.No	Criterion	Rating		
		Very good	Good	Satisfactory
1	Faculty: Student Ratio	✓		
2	Students' progression without backlog in any semester	✓		
3	Students completing the programs in the stipulated time	✓		
4	Number of students placed and their median salary		✓	
5	Number of students clearing NET/UPSC/CAT/GATE/GRE/IES Exams			✓
6	Adequacy of guest/technical lectures arranged for students	✓		
7	Adequacy of industrial visits arranged for students		✓	
8	Relevance of one credit courses	✓		
9	Evidence for students completing NPTEL courses		✓	
10	Student mentoring system	✓		
11	Scholarship/Financial aid to students	✓		
12	Activities and support from the Alumni Association	✓		
13	Performance in sports activities		✓	
14	Placement services provided to students	✓		
15	Learning Through Entrepreneurship Cell		✓	
16	Learning beyond class room		✓	
17	Student Council & representation of students on academic & administrative bodies / committees of the institution	✓		
18	Adequacy of workshops conducted on Entrepreneurship/IPR/Innovative practices		✓	
19	Student exchange programs/ activities			✓

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## STUDENTS ON ROLL

Department	I Year	II Year	III Year	IV Year
B.Tech. - AI&DS	63	38	--	--
B.E. - Civil	13	21	05	19
B.E. - CSE	94	91	78	62
B.E. - CSE (SC)	63	49	--	--
B.E. - ECE	54	60	44	33
B.E. - EEE	46	40	18	30
B.Tech. - IT	63	60	--	--
B.E. - Mechanical	43	18	12	20
B.E - Medical	74	66	--	--
B.E - RM	08	16	--	--
B.E - PT	13	--	--	--
M.E. - CSE	03	04	--	--
M.E. - Structural	13	16	--	--
M.E. - VLSI	04	03	--	--
M.E. - Medical	17	09	--	--
MBA	11	23	--	--
<b>Total</b>	<b>582</b>	<b>514</b>	<b>157</b>	<b>164</b>

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## FACULTY STRENGTH

Department	Prof	AsP	AP	Total
B.Tech. - AI&DS	--	--	08	08
B.E. - Civil	--	1	13	14
B.E. - CSE	2	1	15	18
B.E. - CSE (SC)	--	1	3	4
B.E. - ECE	1	1	19	21
B.E. - EEE	2	2	15	19
B.Tech. - IT	--	2	10	12
B.E. - Mechanical	1	--	11	12
B.E - Medical	1	--	23	24
B.E - RM	1	1	10	12
M.E. - CSE	1	--	2	3
M.E. - Structural	--	--	3	3
M.E. - VLSI	1	--	2	3
M.E. - Medical	1	--	2	3
S&H & GE	3	2	47	53
MBA	1	2	7	09
<b>Total</b>	<b>15</b>	<b>13</b>	<b>190</b>	<b>218</b>

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**III. RESEARCH, INNOVATION S AND EXTENSION**

S.No	Criterion	Rating		
		Very Good	Good	Satisfactory
1	Faculty profile and the adequacy of Faculty members as per the norms of AICTE	✓		
2	Faculty members recognized as research guides			✓
3	Faculty members with PhD from universities other than Tamil Nadu and abroad			✓
4	Quality of Faculty Publications		✓	
5	Quality of research projects			✓
6	Evidence for research grants received from various agencies		✓	
7	Evidence for consultancy activities		✓	
8	Evidence for patents / published/ awarded			✓
9	Adequacy of faculty training programs (FDP/STTP)		✓	
10	Adequacy of number of conferences and workshops attended by the faculty members	✓		
11	Adequacy of number of workshops /FDPs/STTPs/Conferences conducted by the department		✓	
12	Provision of seed money to teachers for research	✓		
13	Revenue generated from corporate training by the institution			✓
14	Training programs for new faculty members	✓		
15	Awards for faculty members		✓	

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## IV. INFRASTRUCTURE AND LEARNING RESOURCES

S.No	Criterion	Rating		
		Very good	Good	Satisfactory
1	Evidence for use of ICT in teaching learning process		✓	
2	Adequacy of facilities for teaching - learning.viz., classrooms, laboratories	✓		
3	Adequacy of modern equipment in the laboratories		✓	
4	Adequacy of facilities for sports and cultural activities	✓		
5	Improvements in the library services	✓		
6	Adequacy of books and journals available in library	✓		
7	Computerization of administration and the process of admissions and examination results, issue of certificates	✓		
8	Computer and internet access and training to teachers, non-teaching staff and students		✓	
9	Number of start-ups incubated on campus			✓

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## V. STUDENT SUPPORT AND PROGRESSION

S.No	Criterion	Rating		
		Very good	Good	Satisfactory
1	Students' participations in IIT's, NIT's, Govt Institutions and private Institutions.			✓
2	Prize achievements in various events.		✓	
3	Participants in social awareness activities.		✓	
4	Scholarships and financial supports	✓		
5	Institutional mechanism for transparency, timely redressal of students grievances, presentation of sexual harassment and ragging causes.	✓		
6	Student progression to higher education.			✓
7	No of awards /medals for outstanding performance in sports /cultural activities at national and international levels		✓	
8	Role of alumni in college development		✓	

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## VI. GOVERNANCE, LEADERSHIP AND MANAGEMENT

S.No	Criterion	Rating		
		Very good	Good	Satisfactory
1	Functioning of academic bodies as per UGC guidelines (Governing Body, Academic Council, Finance Committee and Board of Studies etc.)		✓	
2	Evidence of Minutes of the Boards of Studies/ Academic Council meetings etc.		✓	
3	Functioning of IQAC		✓	
4	Implementation of ISO		✓	
5	Institution has Performance Appraisal System for faculty members		✓	

## VII. INSTITUTIONAL VALUES AND BEST PRACTICES

S.No	Criterion	Rating		
		Very good	Good	Satisfactory
1	Adequacy of MoUs signed with institutions /industries	✓		
2	Adequacy of Gender equity promotion programs organized by the institution		✓	
3	Annual power requirement of the institution met by the renewable energy sources		✓	
4	Waste Management		✓	
5	Rain water harvesting structures and utilization in the campus	✓		
6	Green Practices		✓	
7	Differently abled Friendliness Resources in the institution	✓		
8	Industry Institute interaction	✓		
9	Institutional best practices		✓	

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## CONCLUDING REMARKS

1. More focus is needed on OBE
2. Good faculty-student ratio.

## SUGGESTIONS FOR IMPROVEMENT

1. Strategic Plan can be revamped with target value for improvement.
2. Research, Publications and Training can be improved
3. Students initiatives & Entrepreneurship programs can be increased.

The committee appreciates and thanks the members of IQAC.

The committee observed and satisfied the considerable improvement in all the key performance indicators measured by National Bodies.

Dr.S.Selvanayagi  
IQAC Coordinator

Associate Professor, Department of Mathematics,  
Assistant Dean (NAAC Accreditation & Other Rankings),  
Kumaraguru College of Technology,  
Coimbatore.

Dr.R.Manjuladevi  
IQAC Coordinator,  
Professor,

Computer Science and Engineering,  
KPR Institute of Engineering and Technology,  
Coimbatore.

Dr.T.R.Chinnusamy  
IQAC Coordinator

Dean Mechanical Sciences  
Sengunthar Engineering College,  
Tiruchengode.

Dr. R.Satishkumar  
Principal cum Chairman IQAC,  
Sengunthar Engineering College,  
Tiruchengode.

