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

ESTD 2001

JAS-ANZ
BSCIC
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IQAC-EXTERNAL PEER TEAM REPORT ON PERFORMANCE OF THE COLLEGE FOR THE ACADEMIC YEAR 2020 – 2021

The External Peer review meeting for Internal Quality Assurance Cell (IQAC) was held on 14.07.2022 (Thursday), 10.00 a.m., at IQAC with the following members to assess the performance of the college.

Members of External Peer Team:

1.	**Dr. P. Suresh**	:	Coordinator IQAC Professor and Head, Mechtronics Engineering Sona College of Technology Salem.
2.	**Dr. S. Gokul**	:	HoD/EEE, Coimbatore Institute of Engineering and Technology, Coimbatore.

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Internal Members:

Dr. K. Umadevi, Principal	Chairman
Dr. P. Ponmurugan, Associate Professor/EEE	IQAC Co-Ordinator
Dr. B. Sujatha, Dean (Academics)	Member
Dr. K.L. Palanisamy, HoD /S&H Cum Dean (Students Affairs)	Member
Dr. P. Ramesh Kumar, Dean (R&D)	Member
Dr. M. Seenirajan, HoD/Civil	Member
Dr. M. Sakthivel, HoD/CSE	Member
Dr. C. Aarthi, HoD /ECE	Member
Mr. N. Thiru Senthil Adhiban, AP/Mech	Member
Mr.V.Saravanakumar, AP/MBA	Member
Prof. P. Jagadeeswaran, AP/Mech	IQAC Co-Coordinator

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		√	

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		√	

STUDENTS ON ROLL

Department	I Year	II Year	III Year	IV Year
B.E. - Civil	6	1	9	16
B.E. - CSE	58	28	44	46
B.E. - ECE	23	14	34	56
B.E. - EEE	20	10	26	47
B.E. - Mechanical	13	13	48	51
M.E. – Structural	9	8		
M.E. – CSE	8	1		
M.E. - VLSI	-	3		
MBA	27	4		
Total	164	82	161	216

FACULTY STRENGTH

Department	Prof	AsP	AP	Total
Principal	1	-	-	1
Civil	-	1	23	24
CSE	2	3	19	24
ECE	1	1	25	27
EEE	1	3	16	20
MECH	-	1	13	14
M.B.A.	1	-	7	8
S&H	1	1	20	22
Total	7	10	123	140

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		√	

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			√

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		√	

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		√	

CONCLUDING REMARKS

- Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and polices.
- The Institution reviews its teaching learning process structures, methodologies of operation and learning outcomes through IQAC setup as per norms.
- The committee appreciates the well-maintained academic records/course files, Infrastructure facilities, student's involvement in various co-curricular and extra-curricular activities.

SUGGESTIONS FOR IMPROVEMENT

- Incorporation of MOOC courses in curriculum shall be enhanced.
- Opportunities for advanced learners can be improvised to explore their capabilities.
- Consultancy projects shall be initiated.
- External members shall be included in the Research Committee.
- ICT facilities in classrooms shall be extended to all classrooms.
- Frequency of IQAC meeting shall be increased with atleast 2 meetings with external members.
- A dedicated online portal shall be created for alumni cell.

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. P. Suresh
Coordinator IQAC, Professor and Head,
Mechtronics Engineering,
Sona College of Technology,
Salem.

Dr. S. Gokul
Head (EEE),
Coimbatore Institute of Engineering and Technology,
Coimbatore.

Dr. K. Umadevi
Principal cum Chairman IQAC,
Sengunthar Engineering College,
Tiruchengode.