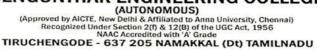


## SENGUNTHAR ENGINEERING COLLEGE





# IQAC - EXTERNAL PEER TEAM REPORT ON PERFORMANCE OF THE COLLEGE FOR THE ACADEMIC YEAR 2022 - 2023

The External Peer review meeting for Internal Quality Assurance Cell (IQAC) was held on 17.08.2023 (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.C.Dhavamani

**IQAC** Coordinator

Professor and Head.

Aeronautical Engineering

Mahendra College of Engineering

Mallasamudram.

2. Dr.K.Lakshmi

**IQAC** Coordinator

Professor,

Electrical and Electronics Engineering

KSR College of Engineering

Tiruchengode

#### **Internal Members:**

Dr. R.Satishkumar, Principal

Chairman

Dr.T.R.Chinnusamy, Dean - Mechanical Sciences

**IQAC** Co-ordinator

Er.A.B.Madhan, CEO

Member

Mr. Aravind Thirunavukkarasu, Director - CR

Member

Dr.K.Umadevi, HoD/EEE Cum Dean (P&D)

Member

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

Prof.P.Thangarasu, HoD/Chemistry Cum COE

Member

Dr.G.P.Raja, HoD/AIDS

Member

Dr. T.Ayyappan, HoD/Civil

Member

Dr. M. Sakthivel, HoD/CSE

Member

Dr. C. Aarthi, HoD /ECE

Member

Prof.M.Karthikeyan, HoD/IT

Member

Prof.S.Umamaheswari, AP/MBA

Member

Dr.E.Geetha, Professor/MDE

Member

Mr.A.Senthilkumar, HoD/RM

Member

Mr. N. Thiru Senthil Adhiban, HoD/Mech

**IQAC** Deputy 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.			Rating	
No	Criterion	it / n s,	Good	Satisfactory
1	Quality of vision and mission statements	·/·		
2	Implementation of choice-based credit system (CBCS)	V		
3	Adequacy of courses having focus on employability/entrepreneurship/skill development	~		
4	Evidence of procedures for framing POs, PSOs and their adequacy		<b>/</b>	
5	Evidence of attainment of POs, PSOs against set targets		~	
6	Evidence for framing of COs and their attainment against set targets		<b>/</b>	
7	Evidence for structured feedback system		V	
8	Quality of IAT and ESE question papers	V		
9	Preparation and adherence to academic Calendar by the institution	$\checkmark$		
10	Implementation of Examination reforms	V		

118/23 Jugan 1/8/23

Warsh W

## II. TEACHING - LEARNING AND EVALUATION

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

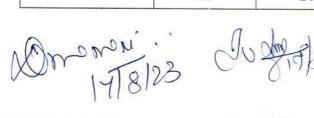
monori 13 ch stables

### STUDENTS ON ROLL

Department	I Year	II Year	III Year	IV Year
B.E - AI&DS	37	-	-	-
B.E Civil	21	08	22	
B.E CSE	91	80	65	27
B.E ECE	58	46	34	14
B.E EEE	33	18	39	11
B.Tech - IT	57	-	-	
B.E Mechanical	15	11	28	12
B.E MDE	66	-	=	
B.E - RM	14	-	-	.=:
M.E Structural	18	18	-	
M.E CSE	04	06	-	-
M.E MDE	09		-	
M.E VLSI	04	04	<u>=</u>	Y ≥ 1 <u></u> 15
MBA	24	36	-	
Total	393	101	188	64

# FACULTY STRENGTH

Department	Prof	AsP	AP	Total
Principal	1	-	-	1
Civil	-	1	22	23
CSE	3	2	19	24
CSE (CS)	N#1	-	-	-
ECE	2	1	24	27
EEE	1	3	16	20
MECH	1	•	13	14
IT	-	1	9	10
AIDS	-	1	3	4
MDE	1	-	24	25
RM	-	1	9	10
M.B.A.	1	2	6	9
S&H	3	2	36	41
Total	13	14	181	208



# III.RESEARCH, INNOVATION S AND EXTENSION

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

10 mo mod . . . Justo 19/23

100 18 NOW

### IV. INFRASTRUCTURE AND LEARNING RESOURCES

s.	Criterion		Rating	
No	Criterion	Very good	Good	Satisfactory
1	Evidence for use of ICT in teaching learning process	✓		
2	Adequacy of facilities for teaching - learning.viz., classrooms, laboratories	<b>/</b>		
3	Adequacy of modern equipment in the laboratories		<b>V</b>	
4	Adequacy of facilities for sports and cultural activities	V		
5	Improvements in the library services		$\checkmark$	
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	<b>/</b>		
9	Number of start-ups incubated on campus		9	V

10 mm. . Jugentolez

100 Maron

## V. STUDENT SUPPORT AND PROGRESSION

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

# VI. GOVERNANCE, LEADERSHIP AND MANAGEMENT

S.	Criterion		Ratin	g
No	Criterion	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.	V		
3	Functioning of IQAC	√·		
4	Implementation of ISO	<b>/</b>		
5	Institution has Performance Appraisal System for faculty members	V		

17/8/23 July 19/3

708/18/200 7

# VII. INSTITUTIONAL VALUES AND BEST PRACTICES

S.	Criterion		Rating	_
No	Criterion	Very good	Good	Satisfactory
1	Adequacy of MoUs signed with institutions /industries		<b>\</b>	
2	Adequacy of Gender equity promotion programs organized by the institution	<b>/</b>		
3	Annual power requirement of the institution met by the renewable energy sources	V	<sub>10</sub> 4.373.	
4	Waste Management	/		
5	Rain water harvesting structures and utilization in the campus	<b>/</b>		
6	Green Practices	/		
7	Differently abled Friendliness Resources in the institution		<b>\</b>	
8	Industry Institute interaction	<b>/</b>		
9	Institutional best practices			

10 momoni. Objetter 17/8/23

### CONCLUDING REMARKS

- Introduced sufficient new courses and employability courses
- Project lab established in all laboratories
- · Overall presentation is very good
- · Library facilities is well maintained
- Teaching learning process structures, methodologies of operation and learning outcomes through IQAC setup are as per norms.

### SUGGESTIONS FOR IMPROVEMENT

- · Green campus need to improved
- Consultancy projects shall be initiated.
- Research lab facilities need to be improved
- Bio Gas plant to be established
- More FDP Program to be organized
- AICTE 360° feedback to be included
- · Research Advisory Committee to be constituted
- CO PO attainment shall include end semester marks
- Department Calendar to be prepared

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.

IQAC Coordinator Professor & Head,

Department of Aeronautical Engineering Mahendra Engineering College

Mallasamudram

IQAC Coordinator Professor,

Department of Electrical and Electronics Engineering

KSR College of Engineering Tiruchengode

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