

Government College of Technology, Coimbatore – 641 013
(An Autonomous Institution affiliated to Anna University, NAAC accredited with A Grade)
INTERNAL QUALITY ASSURANCE CELL (IQAC)
Minutes of External Peer Review Meeting
Date: 11.11.2019

The External Peer Review meeting for Internal Quality Assurance Cell (IQAC) was held on 11.11.2019, 11.00 AM at Conference Hall. The IQAC has constituted an external peer review team with the following members to assess the performance of the college.

External Members

1. Dr. K. Manonmani
Professor of Mechanical Engineering
Alagappa Chettiar College of Engg and Technology
Karaikudi
2. Dr. T. Purushothaman
Professor of Electronics & Communication Engineering
Directorate of Technical Education
Chennai

Internal Members

- | | | |
|----|--|----------------------|
| 1 | Dr.P.Thamarai, Principal | Convenor |
| 2 | Dr.R.Thenmozhi, PCE(CAS) | IQAC Co-rdinator |
| 3 | Dr.Maragatham Nataraj, Dean,
Avinashilingam Uty | External - Academics |
| 4 | Prof. Shanmugam | External - Alumnus |
| 5 | Dr. A. Sudhakar | External - Industry |
| 6 | Dr.D.Padmini, HOD/CIVIL | Member |
| 7 | Dr.P.K.Palani, PME | Member |
| 8 | Dr. Latha Mercy, HOD/EEE | Member |
| 9 | Dr. O. Saranya, HOD/ECE | Member |
| 10 | Dr.Prasana Moorthy, HOD/EIE | Member |
| 11 | Dr.Miraclin Joyce Pamila, HOD/CSE | Member |
| 12 | Dr.S.Rathi, HOD/IT | Member |
| 12 | Dr.J.Jeyanthi, HOD/IBT | Member |
| 13 | Dr.S.P.Jeyapriya, Asso. PCE(CAS) | IQAC Co-Coordinator |
| 14 | Dr.R.Rajeswari, Asso.PEEE(CAS) | Member |
| 15 | Dr.Latha Venkateshwari, Asso.PEng | Member |
| 16 | Thiru.R.Gunasekaran, PA to Principal | Member |

Principal welcomed the external review members, and Internal IQAC members and pointed out about the benchmarks that has been formulated for the enhancement of quality of the institution. The IQAC Coordinator mentioned about the following quality enhancement strategies the college has devised for the enhancement of quality of the institution.

- I. Curricular aspects
- II. Academic Performance
- III. Research and Innovation
- IV. Student Support and Progression
- V. Infrastructure facilities
- VI. Institutional values and best practices

I CURRICULAR ASPECTS:						
	Description	Very good	Good	Satisfactory	Poor	
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 for framing of COs and their attainment against set targets			✓		
6	Evidence for structured feedback system		✓			
7	Evidence for NBA Accreditation of UG/PG programs		✓			
8	Quality of UT and SEE question papers		✓			
9	Preparation and adherence to Academic Calendar by the institution	✓				
10	Implementation of examination reforms	✓				
II ACADEMIC PERFORMANCE						
Pass percentage of graduating students for 2018-19		Rating (Mention Very good, Good, Satisfactory or Poor)				
	Name of the Department	No. of students Enrolled	No. of students passed	Target	Attained	Rating
1	Civil	451	279	85	62	Good
2	Mechanical	472	326	85	69	Good

3	EEE	261	210	85	80	Very Good
4	ECE	254	198	85	78	Very Good
5	EIE	223	136	85	61	Good
6	Production	223	154	85	69	Good
7	CSE	243	170	85	70	Good
8	IT	230	165	85	72	Good
9	IBT	319	250	85	78	Very Good
	PG Programmes					
10	Structural Engg	29	27	95	93	Very Good
11	Environmental Engg	34	31	95	91	Very Good
12	Geotechnical Engg	26	22	95	85	Good
13	Engg Design	31	28	95	90	Good
14	Manufacturing Engg	33	26	95	79	Satisfactory
15	Thermal Engg	32	29	95	91	Very Good
16	Power Systems Engg	29	29	95	100	Very Good
17	Power electronics and Drives	31	25	95	81	Good
18	Applied Electronics	28	20	95	71	Satisfactory
19	VLSI Design	31	22	95	71	Good
20	CSE	32	26	95	81	Good

80% STUDENTS' PLACEMENTS WITH MEDIAN SALARY PER ANNUM RS.2-3 (LAKHS).

	Name of the Dept	Total No. of students	No. of students placed	% of placement		Very good	Good	Satisfactory	Poor
				Target	Attained				
1	Civil	127	49	80	39			✓	
2	Mechanical	137	53	80	39			✓	
3	EEE	72	39	80	54		✓		
4	ECE	66	53	80	80	✓			
5	EIE	56	31	80	55		✓		
6	Production	61	30	80	49		✓		
7	CSE	70	58	80	83	✓			
8	IT	59	43	80	73		✓		
9	IBT	82	48	80	59		✓		
	PG Programmes								
10	Structural Engg	15	3	60	20			✓	
11	Geotechnical Engg	12	2	60	17			✓	
12	Engg Design	15	5	60	33			✓	
13	Manufacturing Engg	15	2	60	13				✓
14	Thermal Engg	15	3	60	20			✓	
15	Power Systems Engg	15	7	60	47		✓		

16	Power electronics and Drives	15	5	60	33			✓	
17	VLSI Design	15	7	60	47		✓		
18	CSE	15	4	60	27			✓	

III RESEARCH & INNOVATION

Qualification - Percentage of faculty with Ph.D .									
	Name of the Dept	Total No. of Faculty	No. of Faculty with Ph.D	% of Faculty with Ph.D		Very good	Good	Satisfactory	Poor
				Target	Attained				
1	Civil	25	10	60	40		✓		
2	Mechanical	24	9	60	36		✓		
3	EEE	16	9	60	36		✓		
4	ECE	9	3	60	12				✓
5	EIE	11	3	60	12				✓
6	Production	12	4	60	16				✓
7	CSE	10	5	60	20			✓	
8	IT	8	1	60	4				✓
9	IBT	16	5	60	20			✓	

Academic Research - % of faculty having high quality publications :									
Sl. No.	Name of the Dept	Total No. of Faculty	No. of High quality publications	Very good	Good	Satisfactory	Poor		
1	Civil	25	21		✓				
2	Mechanical	24	38	✓					
3	EEE	16	40	✓					
4	ECE	9	6			✓			
5	EIE	11	3					✓	
6	Production	12	3					✓	
7	CSE	10	5					✓	
8	IT	8	-					✓	
9	IBT	16	28		✓				
10	Science & Humanities	25	12		✓				

Academic Research - No. of faculty having funded projects :					
	Name of the Dept	No. of Faculty	Organization	Duration of the project	Amount Received
1.	CSE	1	AICTE - RPS	3 Years	Rs.6,37,353/-
2.	CSE	1	AICTE - RPS	3 Years	Rs.6,34,300/-
3.	Mechanical	1	CSIR	3 Years	Rs.5,24,000/-
4.	Civil	1	TEQIP III – CoE-ES	2 Years	Rs. 1.5 Crores
5.	EEE	1	TEQIP III – CoE-AER	2 Years	Rs. 1.5 Crores
6.	EEE	1	Tamilnadu State Council For Science And Technology	1 Year	Rs.7,500/-

Industry – Institute Linkage (Mention Rating)		Good
1.	Signing of MoU with Industries and Mutual benefits.	

	All the departments have signed MoU with Industries. To list few M/s Armour steel buildings Pvt. Ltd. Salem M/s HiTech Concrete solutions Pvt. Ltd, Chennai CLRI, Adyar, Chennai Michigan State University, USA M/s Pyramid India Design Ltd, Coimbatore
2.	Members from Industries are acting as BoS members, Academic council members and Dept. advisory board
3.	100% of UG students and 60% PG students are doing Internship in industries
4.	10% of the students are doing their final year project in industries
5.	Industry need based elective courses are offered to the students by the industry.

IV STUDENT SUPPORT AND PROGRESSION

Sl. No.	Description	Very good	Good	Satisfactory	Poor
1	Student's participation in IIT's NIT's, Govt. Institutions and Private institutions.		✓		
2	Prize achievements by students in various events		✓		
3	Participation in Social awareness activities		✓		
4.	Scholarships and Financial Support	✓			
5	Number of capability enhancement and development schemes			✓	
6	Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases		✓		
7	Student progression to higher education in percentage during the year			✓	
8	Number of awards/medals for outstanding performance in sports/cultural activities at national/international level		✓		
9	Role of alumni in college development	✓			

V INFRASTRUCTURE FACILITIES

		Very good	Good	Satisfactory	Poor
1.	Adequacy of infrastructural facilities to improve the teaching learning process Class rooms Laboratories		✓		

	Seminar halls Faculty rooms Smart class rooms				
2.	Internet facilities for faculty and students		✓		
3.	Computing facilities		✓		
4.	Library resources		✓		
5.	Common facilities(Bank with ATM, Reprographic facilities, hostels, canteen etc)		✓		
VI	INSTITUTIONAL VALUES AND BEST PRACTICES				
	Description	Very good	Good	Satisfactory	Poor
1	Environmental Consciousness and Sustainability/Alternate Energy initiatives		✓		
2.	Activities conducted for promotion of universal Values and Ethics		✓		
3.	Adequacy of having best practices		✓		
VII	GOVERNANCE, LEADERSHIP AND MANAGEMENT				
	Description	Very good	Good	Satisfactory	Poor
1.	Teaching and nonteaching staff attended training programs		✓		
2.	Adherence to Quality policies		✓		
3.	Various administrative committees/cells/clubs and its duties	✓			
4.	Financial support for staff training	✓			
5.	Benefits to Teaching and nonteaching staff		✓		
6.	Safety measures in the college		✓		

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. The institution reviews its teaching learning process, structures and methodologies of operations and learning outcomes through IQAC set up as per norms. The committee appreciates the well maintained academic records/course files, infrastructure facilities, students involvement in various extracurricular and cocurricular activities.

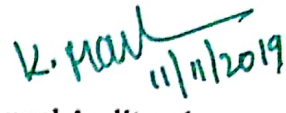
Suggestions for improvement:

1. Identify and conduct more remedial classes for weak students in analytical subjects which in turn improves placement also.
2. More attention is required in faculty research activities for the publication in high indexed journals.
3. Faculty attention is also very much needed in funded research projects.

4. It is observed that student placements are reasonably good under the given constraints in general. But needs improvement in certain core branches.



External Auditor 2
Dr.T. Purushothaman
Professor of Elec. & Commn. Engg (CAS)
DOTE, Chennai



External Auditor 1
Dr. K. Manonmani
Professor of Mechanical Engg
ACCET, Karaikudi



IQAC Coordinator
Dr.R. Thenmozhi
Professor of Civil Engg(CAS)
GCT, Coimbatore



Chairman
Dr. P.Thamarai
Principal
GCT, Coimbatore