

**GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE 641 013**

**INTERNAL AUDIT REPORT**

<b>Name of the Department</b>	:	<b>Civil Engineering (UG)</b>		
<b>Name of the Programme</b>	:	<b>B.E. (Civil Engineering)</b>		
<b>Academic year</b>	:	<b>2019-2020 ( Odd &amp; Even Semester)</b>		
<b>Date of Audit</b>	:	<b>08.10.2020 ( VII &amp; VIII<sup>th</sup> Semester)</b>		
<b>Names of Auditors with designation</b>	:	<b>Dr. N. Nandakumar</b> Professor (CAS) Mechanical Engg.  ✓	<b>Prof. R. Surendran</b> Assistant Professor Mechanical Engg.	<b>Dr. S. Ayyapan</b> Assistant Professor Physics

(Mention "✓" for available and "x" for not available)

<b>I. CURRICULUM &amp; DEVELOPMENT</b>		
1.	Regulation & Syllabus book	✓
2.	updated entries of amendments, PEO, PO and CO reviews	✓
3.	Availability of Curriculum revisions info.	✓
4.	Modern methods of Curriculum delivery	✓
5.	Preparation and adherence to Academic Calendar by the institution	✓
<b>II. STUDENT ASPECTS</b>		
1	Evidence for students completing NPTEL courses	✓
2	Number of students clearing NET/UPSC/CAT/GATE/GRE/IELTS Exams	✓
3	Adequacy of guest/technical lectures arranged for students	✓
4	Adequacy of industrial visits arranged for students	✓
5	Placement Services provided to students	✓
6	Adequacy of workshops conducted on Entrepreneurship/ IPR/ Innovative Practices	✓
7.	Students Extra Curricular / Co-curricular Achievements	✓
<b>III. TEACHING – LEARNING – EVALUATION PROCESSES</b>		
1.	Students biodata file	✓
2.	Course file of all subjects	✓
3.	Copy of Time Table	✓
4.	Students attendance	✓
5	Unit Test Question papers / Answer Scripts	✓
6	Copy of assignment and Quiz questions/scripts	✓
7	Overall Internal assessments	✓
8	Rubrics for Practical courses	✓
9	Sample Practical Records	✓
10	Student Information System (Circulars related to students)	✓
11	List of Faculty handling the courses	✓
12	Copy of Test circular, Class committee circular and minutes	✓
13	Innovative Work / SRF / Projects / Mini Project Reports	✓
14	Internship details	✓
15	Projects done in Industries	✓

16	Warnings / Counseling register(Students)	✓
17	Attainment of course outcomes with bar chart	✓
18	No. of experiments/equipments added.	As per 2016 Regulation
19	List of Internal and Assistant Examiners	✓
20	Results of last 2 semesters	✓
21	Academic Counseling record of faculty members based on feedback	✓
22	Feedback reports	✓

#### IV. RESEARCH, INNOVATION & EXTENSION

(Mention the number of corresponding items available in first column and mention "✓" for available and "x" for not available in second column )

1.	No. of Publications by the faculty	National Journal	2	✓
		International Journal	5	✓
		National conference	0	✓
		International conference	25	✓
2.	No. of Ph.D. theses	Submitted	0	x
		Awarded degree	0	x
3.	Programs organized	Conferences	0	x
		FDPs	1	✓
		Workshops/seminars	2/1	✓
		Guest lectures	3	✓
		Training programs for nonteaching staff	3	✓
4.	No. of sponsored projects (mention no. & amount)	Applied	0	x
		ongoing	0	x
		completed	0	x
5.	Patents received	0	x	
6.	Book publications by the faculty	0	x	
&	Details of testing & consultancy services	31	Rs. 3,10,000/-	

#### IV. GENERAL OBSERVATIONS

1.	Audit report file and action taken report since last audit	✓
2.	Feedback from Industry	✓
3.	Suggestion book / registered complaints	✓
4.	Maintenance of Records by the Faculty Members	✓
5.	Correctness & Guidance to the students by faculty members	✓
6.	Awareness and adherence to the policy	✓

#### II. List of Student Records Audited

(The test papers and assignment papers of 2 min in each category, sample of Best and Worst of any two subjects need to be signed by the auditors)

Internal Test paper, Assignments / Tutorials, of the following students were audited.

S.No.	Reg. No.	Name of the Student	Subject name	Category (Test paper/Assignment)
1	1611L01	K. CHIDAMBARA KUMAR	16CEE701 Construction Management (VII -A)	Test Paper



2	1611102	G. Abineshwar	16CEE701 Construction Management (VII -A)	Assignment
3.	1611L21	S. Vignesh	16CEE701 Construction Management (VII -A)	Quiz
4.	1611140	S. MEERA DHARSHINI	16COE806 ENVIRONMENTAL MANAGEMENT (VIII -A)	Test Paper
5.	1611107	P. ALEXANDER	16COE806 ENVIRONMENTAL MANAGEMENT (VIII -A)	Assignment
6.	1611126	B. IYAPPAN	16COE806 ENVIRONMENTAL MANAGEMENT (VIII -A)	Quiz
7.	1611L18	J. VARSHA	16CPE705 SAFETY IN CIVIL ENGINEERING PRACTICES (VII -B)	Test Paper
8.	1611190	J. SINDHUJA	16CPE705 SAFETY IN CIVIL ENGINEERING PRACTICES (VII -B)	Assignment
9.	1611175	S. RAM MANOJ	16CPE705 SAFETY IN CIVIL ENGINEERING PRACTICES (VII -B)	Quiz
10.	1611165	P. NITHYASRI	16COE806 ENVIRONMENTAL MANAGEMENT (VIII -B)	Test Paper
11.	1611169	POUSHYA C	16COE806 ENVIRONMENTAL MANAGEMENT (VIII -B)	Assignment
12.	1611162	NANTHINI C R	16COE806 ENVIRONMENTAL MANAGEMENT (VIII -B)	Quiz

### III. List of Faculty Records Audited

Class record maintained by each Faculty, Statements of Marks, Internal Assessment, Lesson plans, were audited for the following list of faculty.

S.No.	Name of the Faculty	Department
1	Dr. M. RAMA	CIVIL ENGINEERING
2	Ms. M. C. RAVATHI	CIVIL ENGINEERING
3	Ms. S. SIVASAKTHI	CIVIL ENGINEERING

**IV. List of Faculty called for counseling as per record with brief details of the nature of counseling conducted.**

All the Faculty members got more than 75 % of positive feedback from students. Hence counseling is not required for the faculty members.

**V. Any Innovative Development of Educational Methodology work towards Evaluation, Improved and Sharing Effective Curriculum Delivery and Evaluation Techniques.**

1. Google Classroom & Online Classes 2. Smart Classroom 3. Video Lectures 4. NPTEL Videos

**VI. List of Non conformities with University Policy and unacceptable Deficiency in Standards.**  
NIL

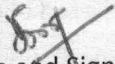
**VII. Any specific Recommendations on Faculty Development.**

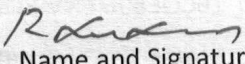
All the faculty members may be involved in publishing research papers.

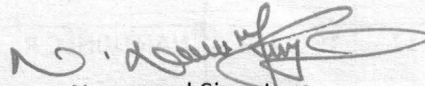
**VIII. Any specific instance of Excellence.**

Eleven Final year students got qualified in GATE 2020.

**IX. Confidential Audit Report (if any) - NIL**

  
Name and Signature  
Second Auditor  
( Dr. S. AYYAPAN)

  
Name and Signature  
Second Auditor  
(Prof. R. SURENDRAN)

  
Name and Signature  
Chief Auditor  
(Dr. N. NANDAKUMAR)



**GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE 641 013**

**INTERNAL AUDIT REPORT**

Name of the Department	:	CIVIL Engineering.		
Name of the Programme	:	B.E.		
Academic year	:	2019-2020 ( III and IV Semester)		
Date of Audit	:	9.10.2020 and 10.10.2020		
Names of Auditors with designation	:	Dr Nandakumar PME chief.	R. SURESH APME Second Auditor	Dr S. Rajeswaran AP/Phy. Second Auditor

(Mention "✓" for available and "x" for not available)

I. CURRICULUM & DEVELOPMENT					
1.	Regulation & Syllabus book	✓	✓		
2.	updated entries of amendments, PEO, PO and CO reviews	✓	✓		
3.	Availability of Curriculum revisions info.	✓	✓		
4.	Modern methods of Curriculum delivery <i>Google classroom.</i>	✓	✓		
5.	Preparation and adherence to Academic Calendar by the institution	✓	✓		
II. STUDENT ASPECTS		(Year) III A III B			
1.	Evidence for students completing NPTEL courses	NO	NO		
2.	Number of students clearing NET/UPSC/CAT/GATE/GRE/IELTS Exams	NA	NA		
3.	Adequacy of guest/technical lectures arranged for students	NO	NO		
4.	Adequacy of industrial visits arranged for students	yes (1)	yes (1)		
5.	Placement Services provided to students	NA	NA		
6.	Adequacy of workshops conducted on Entrepreneurship/ IPR/ Innovative Practices	NO	NO		
7.	Students Extra Curricular / Co-curricular Achievements	NO	NO		
III. TEACHING – LEARNING – EVALUATION PROCESSES		III A III B IV A IV B			
1.	Students biodata file	✓	✓	✓	✓
2.	Course file of all subjects	✓	✓	✓	✓
3.	Copy of Time Table	✓	✓	✓	✓
4.	Students attendance	✓	✓	✓	✓
5.	Unit Test Question papers / Answer Scripts	✓	✓	✓	✓
6.	Copy of assignment and Quiz questions/scripts	✓	✓	✓	✓
7.	Overall Internal assessments	✓	✓	✓	✓
8.	Rubrics for Practical courses	✓	✓	✓	✓
9.	Sample Practical Records	✓	✓	✓	✓
10.	Student Information System (Circulars related to students)	✓	✓	✓	✓
11.	List of Faculty handling the courses	✓	✓	✓	✓
12.	Copy of Test circular, Class committee circular and minutes	✓	✓	✓	✓
13.	Innovative Work / SRF / Projects / Mini Project Reports	NO	NO	NO	NO
14.	Internship details	NO	NO	NO	NO
15.	Projects done in Industries	NA	NA	NA	NA
16.	Warnings / Counseling register(Students)	✓	✓	✓	✓
17.	Attainment of course outcomes with bar chart	✓	✓	✓	✓
18.	No. of experiments/equipments added.	4	4	1	1

		Sem: III A B IV A B			
19	List of Internal and Assistant Examiners	✓	✓	✓	✓
20	Results of last 2 semesters	✓	✓	✓	✓
21	Academic Counseling record of faculty members based on feedback	✓	✓	✓	✓
22	Feedback reports	✓	✓	✓	✓
<b>IV. RESEARCH, INNOVATION &amp; EXTENSION</b> (Mention the number of corresponding items available in first column and mention "✓" for available and "x" for not available in second column)					
1.	No. of Publications by the faculty	National Journal	02		
		International Journal	05		
		National conference	0		
		International conference	25		
2.	No. of Ph.D. theses	Submitted	N/A		
		Awarded degree	N/A		
3.	Programs organized	Conferences	-		
		FDPs	1		
		Workshops/seminars	W-2 S-1		
		Guest lectures	3		
		Training programs for nonteaching staff	3		
4.	No. of sponsored projects (mention no. & amount)	Applied	-		
		ongoing	-		
		completed	-		
5.	Patents received	-			
6.	Book publications by the faculty	-			
&	Details of testing & consultancy services	31,000	Rs 3,00,000		
<b>IV. GENERAL OBSERVATIONS</b>					
1.	Audit report file and action taken report since last audit		-		
2.	Feedback from Industry		✓		
3.	Suggestion book / registered complaints		✓		
4.	Maintenance of Records by the Faculty Members		✓		
5.	Correctness & Guidance to the students by faculty members		✓		
6.	Awareness and adherence to the policy		✓		

## II. List of Student Records Audited

(The test papers and assignment papers of 2 min in each category, sample of Best and Worst of any two subjects need to be signed by the auditors)

Internal Test paper, Assignments / Tutorials, of the following students were audited.

S.No.	Reg. No.	Name of the Student	Subject name	Category (Test paper/Assignment)
SEM III A'	1	181102 M. ABIRAMI	Water supply Engg.	Assignment
III B'	2	181123 Baveen M S	Mechanics of Fluids	Assignment
IV A	3.	181129 S. Harini	Basic Structural design-I	Test paper
IV B	4.	1811208 Sutharasan. S	Strength of Materials	Test paper
IV B	5	1811217 L. Viveetha	construction materials and technology	Test paper



### III. List of Faculty Records Audited

Class record maintained by each Faculty, Statements of Marks, Internal Assessment, Lesson plans, were audited for the following list of faculty.

S.No.	Name of the Faculty	Department
1	Dr. C. Meiraj, PC	CIVIL
2	K. Rajesh Kumar AP.	CIVIL

### IV. List of Faculty called for counseling as per record with brief details of the nature of counseling conducted.

All the faculty are score more than 75%.

### V. Any Innovative Development of Educational Methodology work towards Evaluation, Improved and Sharing Effective Curriculum Delivery and Evaluation Techniques.

Google classrooms, Mentimeter

### VI. List of Non conformities with University Policy and unacceptable Deficiency in Standards.

NIL

### VI1. Any specific Recommendations on Faculty Development.

### VIII. Any specific instance of Excellence.

### IX. Confidential Audit Report (if any).

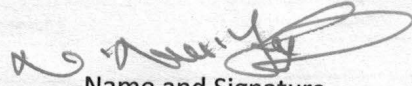
Dr. S. Arjappan

Name and Signature  
Second Auditor



Name and Signature  
Second Auditor

R. SURENDRAN



Name and Signature  
Chief Auditor

Dr. N. Nandakumar

**GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE 641 013**

**INTERNAL AUDIT REPORT**

Name of the Department	:	Civil Engineering
Name of the Programme	:	B.E.
Academic year	:	2019-2020 (V & VI Sem)
Date of Audit	:	09.10.2020
Names of Auditors with designation	:	Dr. N. Nandakumar PNE Prof. R. Sureshwaran APME Dr. S. Ayyappa AP/physics

(Mention "✓" for available and "x" for not available)

<b>I. CURRICULUM &amp; DEVELOPMENT</b>		
1.	Regulation & Syllabus book	✓
2.	updated entries of amendments, PEO, PO and CO reviews	✓
3.	Availability of Curriculum revisions info.	✓
4.	Modern methods of Curriculum delivery Google classroom, Gminionio	✓
5.	Preparation and adherence to Academic Calendar by the institution	✓
<b>II. STUDENT ASPECTS</b>		
1	Evidence for students completing NPTEL courses	2
2	Number of students clearing NET/UPSC/CAT/GATE/GRE/IELTS Exams	NA
3	Adequacy of guest/technical lectures arranged for students	2
4	Adequacy of industrial visits arranged for students	2
5	Placement Services provided to students	2
6	Adequacy of workshops conducted on Entrepreneurship/ IPR/ Innovative Practices	2
7.	Students Extra Curricular / Co-curricular Achievements	✓
<b>III. TEACHING – LEARNING – EVALUATION PROCESSES</b>		
1	Students biodata file	✓
2.	Course file of all subjects	✓
3.	Copy of Time Table	✓
4.	Students attendance	✓
5	Unit Test Question papers / Answer Scripts	✓
6	Copy of assignment and Quiz questions/scripts	✓
7	Overall Internal assessments	✓
8	Rubrics for Practical courses	✓
9	Sample Practical Records	✓
10	Student Information System (Circulars related to students)	✓
11	List of Faculty handling the courses	✓
12	Copy of Test circular, Class committee circular and minutes	✓
13	Innovative Work / SRF / Projects / Mini Project Reports	✓
14	Internship details	✓
15	Projects done in Industries	NA
16	Warnings / Counseling register(Students)	✓
17	Attainment of course outcomes with bar chart	✓
18	No. of experiments/equipments added.	NIL



19	List of Internal and Assistant Examiners		✓
20	Results of last 2 semesters		✓
21	Academic Counseling record of faculty members based on feedback		✓
22	Feedback reports		✓
<b>IV. RESEARCH, INNOVATION &amp; EXTENSION</b>			
(Mention the number of corresponding items available in first column and mention "✓" for available and "x" for not available in second column)			
1.	No. of Publications by the faculty	National Journal	2
		International Journal	5
		National conference	0
		International conference	25
2.	No. of Ph.D. theses	Submitted	NIL
		Awarded degree	NIL
3.	Programs organized	Conferences	NIL
		FDPs	1
		Workshops/seminars	2+1
		Guest lectures	3
		Training programs for nonteaching staff	3
4.	No. of sponsored projects (mention no. & amount)	Applied	1 -
		ongoing	-
		completed	-
5.	Patents received		-
6.	Book publications by the faculty		-
&	Details of testing & consultancy services	NOS	31 Rs. 3,10,000
<b>IV. GENERAL OBSERVATIONS</b>			
1.	Audit report file and action taken report since last audit		.
2.	Feedback from Industry		✓
3.	Suggestion book / registered complaints		✓
4.	Maintenance of Records by the Faculty Members		✓
5.	Correctness & Guidance to the students by faculty members		Good
6.	Awareness and adherence to the policy		Yes

## II. List of Student Records Audited

(The test papers and assignment papers of 2 min in each category, sample of Best and Worst of any two subjects need to be signed by the auditors)

Internal Test paper, Assignments / Tutorials, of the following students were audited.

S.No.	Reg. No.	Name of the Student	Subject name	Category (Test paper/Assignment)
1	1711166	B. Prakash	Maintenance Rehabilitation of structures	Test Paper
2	1711102	S. Abirami	Structural Analysis-II	Test Paper
3.	1711123	R. Vignesh	Irrigation Engg & Hyd. Str.	Assignment
4.	1711185	S. Selvi	Basic Structural Design	Assignment

### III. List of Faculty Records Audited

Class record maintained by each Faculty, Statements of Marks, Internal Assessment, Lesson plans, were audited for the following list of faculty.

S.No.	Name of the Faculty	Department
1	Dr. M. RAMA, APCE	CIVIL Engineering
2	Prof. C. Bharathi, APCE	CIVIL Engineering

### IV. List of Faculty called for counseling as per record with brief details of the nature of counseling conducted.

All the faculties scored more than 75% in feed back report.

### V. Any Innovative Development of Educational Methodology work towards Evaluation, Improved and Sharing Effective Curriculum Delivery and Evaluation Techniques.

Menti.com & Google Classroom, Smart classroom.

### VI. List of Non conformities with University Policy and unacceptable Deficiency in Standards.

NIL

### VI.1. Any specific Recommendations on Faculty Development.

Incent faculty to do more innovative Research.

### VIII. Any specific instance of Excellence.

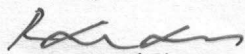
Overall championship, National Technical Symposium-Yukta

### IX. Confidential Audit Report (if any). SIH-2020, INSTAE.

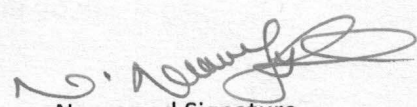
NIL

  
Name and Signature  
Second Auditor

S. Ayyappa. APP

  
Name and Signature  
Second Auditor

R. SURENDRAN  
APME

  
Name and Signature  
Chief Auditor

Dr. N. Nandakumar



**Government College of Technology, Coimbatore-641 013**  
(An Autonomous Institution affiliated to Anna University, Chennai)

**INTERNAL QUALITY ASSURANCE CELL**

**Circular**

Lr. No.1/IOAC/Internal Academic Audit/2021 dt. 17.08.2021

It is proposed to conduct an Internal Department Academic Audit from 31.08.2021 to 02.09.2021. The following staffs are requested to co-ordinate and conduct internal audit in the assigned departments. The audit report shall be submitted to the Principal in the enclosed format the very next day of audit visit.

**Time : from 9.30 AM onwards in the respective department**

Department	Staff name	Designation
Civil Engg (UG)	1. Dr.N.Nandhakumar 2. Dr.M.Kalpana 3. Dr.S.Ayyappan	Prof (CAS)/Mech Asso.Prof (CAS)/ Humanities AP/Phy
ECE (UG)	1. Dr.C. Sivasankari 2. Dr.M.Rama 3. Dr.B. Rajeswari	Prof (CAS)/Chem. AP/Civil AP/Mech
EEE (UG)	1. Dr.S.Srinivasamoorthy 2. Dr.S.Periyasamy 3. Dr.J.Kiruthiga	Asso.Prof/Prod. AP/Mech AP/IBT
EIE (UG)	1. Dr.S.P.Jeyapriya 1. Dr.S.Lathavenkateshwari 2. Dr.S. Ayyapan	Prof (CAS)/Civil Prof (CAS)/English AP/Mech
MECH (UG)	1. Dr.R.Rajeswari 2. Dr.J.Anbazhagan Vijay 3. Dr.S.Chithra	Prof (CAS)/EEE Prof (CAS)/English AP/Civil
PROD (UG)	1. Dr.V.Prasannamoorthy 2. Dr.O.Saranya 3. Mrs.K.Rekha	Prof (CAS)/EEE Asso.Prof (CAS)/ECE AP/Civil
CSE (UG)	3. Dr.N.Narmadhai 2. Dr.Sujatha Balaraman 3. Dr.A.Vanitha	Prof (CAS)/EEE Asso.Prof (CAS)/EEE Asso. Prof (CAS)/Phy
IT (UG)	1. Dr.C.Meiaraj 2. Mrs.G.Ravindra Devi Revathy 3. Dr.P.Maruthupandi	Prof (CAS)/Civil Asso. Prof (CAS)/Phy AP/EEE
IBT (UG)	1. Dr.K.Ramesh 2. Dr.K.Kumar 3. Th.R.Surendran	Prof (CAS)/Mech Asso Prof (CAS)/CSE AP/Mech



PG (Structural, Geotechnical & Environmental Engg.)	1. Dr.J.C.Miraclin Joyce Pamila 2. Dr.S.Chithra 3. Dr.S.Anbuchudar Azhagan	Prof (CAS)/CSE AP/ EEE AP/Phy
PG(Engineering Design & Thermal Engg.)	1. Dr.K.Ranjithkumar 2. Dr.S.Sathyapriya	Prof (CAS)/EEE AP/Civil
PG(Manufacturing Engg. & Computer Science Engg.)	1. Dr.S.Gopi 2. Dr.R. Chithra	Asso.Prof /Prod. Asso. Prof (CAS)/Civil
PG(Power System Engineering & Power Electronics & Drives)	1. Dr.S.Rathi 2. Dr.S.Murugan	Prof (CAS)/CSE Asso.Prof (CAS)/Civil
PG(Applied Electronics & VLSI Design)	1. Tmt.S.Parimala Murugaveni 2. Dr.K.Yasoda	Asso.Prof (CAS)/Mech AP/EEE

R.Hem  
17/8/21

P. H. D  
PRINCIPAL 17/08/2021

Copy to:  
All HODs  
The staff members concerned thro' HODs



**INTERNAL AUDIT REPORT**

Name of the Department	:	Production Engineering		
Name of the Programme	:	B.E		
Academic year	:	ODD semester of 2020-2021		
Date of Audit	:	21/09/2021		
Names of Auditors with designation	:	Dr. V. Prasannamoorthy, Prof (CAS) /EEE, GCT, Coimbatore	Dr. O. Saranya, Asso. Prof (CAS)/ECE, GCT, Coimbatore	Mrs. K. Rekha, AP/Civil, GCT, Coimbatore

(Mention "✓" for available and "x" for not available)

I. CURRICULUM & DEVELOPMENT				
1.	Regulation & Syllabus book	✓		
2.	updated entries of amendments, PEO, PO and CO reviews	✓		
3.	Availability of Curriculum revisions info.	✓		
4.	Modern methods of Curriculum delivery	✓		
5.	Preparation and adherence to Academic Calendar by the institution	✓		
II. STUDENT ASPECTS				
1.	Evidence for students completing NPTEL courses	✓		
2.	Number of students clearing NET/UPSC/CAT/GATE/GRE/IELTS/TANCET Exams	✓		
3.	Adequacy of guest/technical lectures arranged for students	✓		
4.	Adequacy of industrial visits arranged for students	✓		
5.	Placement Services provided to students	✓		
6.	Adequacy of workshops conducted on Entrepreneurship/ IPR/ Innovative Practices	✓		
7.	Students Extra Curricular / Co-curricular Achievements	✓		
III. TEACHING – LEARNING – EVALUATION PROCESSES				
		VII SEM	V SEM	III SEM
1.	Students biodata file	✓	✓	✓
2.	Course file of all subjects	✓	✓	✓
3.	Copy of Time Table	✓	✓	✓
4.	Students attendance	✓	✓	✓
5.	Unit Test Question papers / Answer Scripts	✓	✓	✓
6.	Copy of assignment and Quiz questions/scripts	✓	✓	✓
7.	Overall Internal assessments	✓	✓	✓
8.	Rubrics for Practical courses	✓	✓	✓
9.	Sample Practical Records	✓	✓	✓
10.	Student Information System (Circulars related to students)	✓	✓	✓



11	List of Faculty handling the courses		✓	✓	✓
12	Copy of Test circular, Class committee circular and minutes		✓	✓	✓
13	Innovative Work / SRF / Projects / Mini Project Reports		x	x	x
14	Internship details		x	✓	✓
15	Projects done in Industries		x	x	x
16	Warnings / Counseling register(Students)		✓	✓	✓
17	Attainment of course outcomes with bar chart		✓	✓	✓
18	No. of experiments/equipments added.		x	x	x
19	List of Internal and Assistant Examiners		✓	✓	✓
20	Results of last 2 semesters		✓	✓	✓
21	Academic Counseling record of faculty members based on feedback		x	x	x
22	Feedback reports		✓	✓	✓
<b>IV. RESEARCH, INNOVATION &amp; EXTENSION</b>					
(Mention the number of corresponding items available in first column and mention "✓" for available and "x" for not available in second column )					
1.	No. of Publications by the faculty	National Journal			x
		International Journal			x
		National conference			x
		International conference			x
2.	No. of Ph.D. theses	Submitted			x
		Awarded degree	1		✓
3.	Programs organized	Conferences			x
		FDPs			x
		Workshops/seminars			x
		Guest lectures			x
		Training programs for nonteaching staff			x
4.	No, of sponsored projects (mention no. & amount)	Applied			x
		ongoing			x
		completed			x
5.	Patents received				x
6.	Book publications by the faculty				x
&	Details of testing & consultancy services				x
<b>IV. GENERAL OBSERVATIONS</b>					
1.	Audit report file and action taken report since last audit				✓
2.	Feedback from Industry				✓
3.	Suggestion book / registered complaints				✓
4.	Maintenance of Records by the Faculty Members				✓
5.	Correctness & Guidance to the students by faculty members				✓
6.	Awareness and adherence to the policy				✓



## II. List of Student Records Audited

(The test papers and assignment papers of 2 min in each category, sample of Best and Worst of any two subjects need to be signed by the auditors)

Internal Test paper, Assignments / Tutorials, of the following students were audited.

S.No.	Reg. No.	Name of the Student	Subject name	Category (Test paper/Assignment/Tutorial)
1	1715108	DEEPTHY K	16PPE717 - Supply Chain Management	Test paper, Assignment & Quiz
2	1715103	ARUVIN V	16COE706 - Environmental Management	Test paper, Assignment & Quiz
3	1815105	ARAVINDASAMY R	18PH5501 Operations Research Techniques	Test paper, Assignment & Quiz
4	1815131	NILA A	18PPC504 Metrology And Computer Aided Inspection	Test paper, Assignment & Tutorial
5	1915107	DHARSHANA G	18PBS302 - Partial Differential Equations, Probability & Statistics	Test paper, Assignment & Quiz
6	1915107	DHARSHANA G	18PES303 Engineering Mechanics	Test paper, Assignment & Tutorial

## III. List of Faculty Records Audited

Class record maintained by each Faculty, Statements of Marks, Internal Assessment, Lesson plans, were audited for the following list of faculty

S.No.	Name of the Faculty	Department
1	Mr M MATHANRAJ	Production Engineering
2	Prof K RAJESH KUMAR	Civil Engineering
3	Dr P ILAMATHI	Production Engineering
4	Dr S. GOPI	Production Engineering
5	Prof P. ASAIGEETHAN	Mathematics
6	Mrs. S.REVATHI	Civil Engineering

IV. List of Faculty called for counseling as per record with brief details of the nature of counseling conducted.

---- NIL ----

V. Any Innovative Development of Educational Methodology work towards Evaluation, Improved and Sharing Effective Curriculum Delivery and Evaluation Techniques.

- NPTEL lecture notes and PPTs

VI. List of Non conformities with University Policy and unacceptable Deficiency in Standards.

----- NIL -----

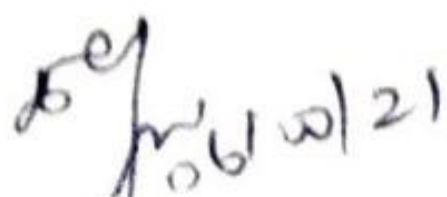
VII. Any specific Recommendations on Faculty Development.




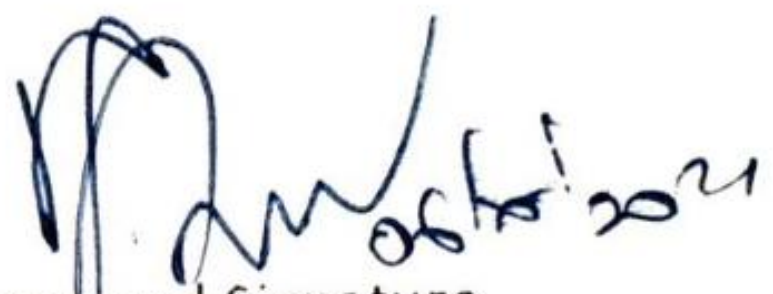
The faculty members are advised to organize FDPs  
More number of guest lectures and Industrial visits to be organized for the students  
Workshops on IPR & entrepreneurship need to be organized for the students

**VIII. Any specific instance of Excellence.**

**IX. Confidential Audit Report (if any).**

  
Name and Signature  
Second Auditor  
(J. Rekha)

  
Name and Signature  
Second Auditor  
(Dr. O. SARANIYA)

  
Name and Signature  
Chief Auditor  
(Dr. V. PRASANNA PARTHAY)



**GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE 641 013**

**INTERNAL AUDIT REPORT**

Name of the Department	: Production Engineering		
Name of the Programme	: B.E		
Academic year	: EVEN semester of 2020-2021		
Date of Audit	: 21/09/2021		
Names of Auditors with designation	: Dr. V. Prasannamoorthy, Prof (CAS) /EEE, GCT, Coimbatore	: Dr. O. Saranya, Asso. Prof (CAS)/ECE, GCT, Coimbatore	: Mrs. K. Rekha, AP/Civil, GCT, Coimbatore

(Mention "✓" for available and "x" for not available)

<b>I. CURRICULUM &amp; DEVELOPMENT</b>				
1.	Regulation & Syllabus book	✓		
2.	updated entries of amendments, PEO, PO and CO reviews	✓		
3.	Availability of Curriculum revisions info.	✓		
4.	Modern methods of Curriculum delivery	✓		
5.	Preparation and adherence to Academic Calendar by the institution	✓		
<b>II. STUDENT ASPECTS</b>				
1.	Evidence for students completing NPTEL courses	✓		
2.	Number of students clearing NET/UPSC/CAT/GATE/GRE/IELTS/TANCET Exams	✓		
3.	Adequacy of guest/technical lectures arranged for students	✓		
4.	Adequacy of industrial visits arranged for students	✓		
5.	Placement Services provided to students	✓		
6.	Adequacy of workshops conducted on Entrepreneurship/ IPR/ Innovative Practices	✓		
7.	Students Extra Curricular / Co-curricular Achievements	✓		
<b>III. TEACHING – LEARNING – EVALUATION PROCESSES</b>				
		VIII SEM	VI SEM	IV SEM
1.	Students biodata file	✓	✓	✓
2.	Course file of all subjects	✓	✓	✓
3.	Copy of Time Table	✓	✓	✓
4.	Students attendance	✓	✓	✓
5.	Unit Test Question papers / Answer Scripts	✓	✓	✓
6.	Copy of assignment and Quiz questions/scripts	✓	✓	✓
7.	Overall Internal assessments	✓	✓	✓
8.	Rubrics for Practical courses	✓	✓	✓
9.	Sample Practical Records	✓	✓	✓
10.	Student Information System (Circulars related to students)	✓	✓	✓



11	List of Faculty handling the courses	✓	✓	✓
12	Copy of Test circular, Class committee circular and minutes	✓	✓	✓
13	Innovative Work / SRF / Projects / Mini Project Reports	✓	x	X
14	Internship details	x	✓	✓
15	Projects done in Industries	✓	x	X
16	Warnings / Counseling register(Students)	x	✓	✓
17	Attainment of course outcomes with bar chart	✓	✓	✓
18	No. of experiments/equipments added.	x	x	X
19	List of Internal and Assistant Examiners	✓	✓	✓
20	Results of last 2 semesters	✓	✓	✓
21	Academic Counseling record of faculty members based on feedback	x	x	X
22	Feedback reports	✓	✓	✓

#### IV. RESEARCH, INNOVATION & EXTENSION

(Mention the number of corresponding items available in first column and mention "✓" for available and "x" for not available in second column )

1.	No. of Publications by the faculty	National Journal		x
		International Journal	5	✓
		National conference		x
		International conference		x
2.	No. of Ph.D. theses	Submitted		X
		Awarded degree		X
3.	Programs organized	Conferences		X
		FDPs		X
		Workshops/seminars	1	✓
		Guest lectures		X
4.	No. of sponsored projects (mention no. & amount)	Training programs for nonteaching staff		X
		Applied	1	✓
		ongoing		X
5.	Patents received		X	
6.	Book publications by the faculty		X	
&	Details of testing & consultancy services		X	
IV. GENERAL OBSERVATIONS				
1.	Audit report file and action taken report since last audit			✓
2.	Feedback from Industry			✓
3.	Suggestion book / registered complaints			✓
4.	Maintenance of Records by the Faculty Members			✓
5.	Correctness & Guidance to the students by faculty members			✓
6.	Awareness and adherence to the policy			✓



**GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE 641 013**

**INTERNAL AUDIT REPORT**

Name of the Department	:	Production Engineering		
Name of the Programme	:	B.E		
Academic year	:	EVEN semester of 2020-2021		
Date of Audit	:	21/09/2021		
Names of Auditors with designation	:	Dr. V. Prasannamoorthy, Prof (CAS) /EEE, GCT, Coimbatore	Dr. O. Saranya, Asso. Prof (CAS)/ECE, GCT, Coimbatore	Mrs. K. Rekha, AP/Civil, GCT, Coimbatore

(Mention "✓" for available and "x" for not available)

I. CURRICULUM & DEVELOPMENT				
1.	Regulation & Syllabus book	✓		
2.	updated entries of amendments, PEO, PO and CO reviews	✓		
3.	Availability of Curriculum revisions info.	✓		
4.	Modern methods of Curriculum delivery	✓		
5.	Preparation and adherence to Academic Calendar by the institution	✓		
II. STUDENT ASPECTS				
1.	Evidence for students completing NPTEL courses	✓		
2.	Number of students clearing NET/UPSC/CAT/GATE/GRE/IELTS/TANCET Exams	✓		
3.	Adequacy of guest/technical lectures arranged for students	✓		
4.	Adequacy of industrial visits arranged for students	✓		
5.	Placement Services provided to students	✓		
6.	Adequacy of workshops conducted on Entrepreneurship/ IPR/ Innovative Practices	✓		
7.	Students Extra Curricular / Co-curricular Achievements	✓		
III. TEACHING – LEARNING – EVALUATION PROCESSES		VIII SEM	VI SEM	IV SEM
1.	Students biodata file	✓	✓	✓
2.	Course file of all subjects	✓	✓	✓
3.	Copy of Time Table	✓	✓	✓
4.	Students attendance	✓	✓	✓
5.	Unit Test Question papers / Answer Scripts	✓	✓	✓
6.	Copy of assignment and Quiz questions/scripts	✓	✓	✓
7.	Overall Internal assessments	✓	✓	✓
8.	Rubrics for Practical courses	✓	✓	✓
9.	Sample Practical Records	✓	✓	✓
10.	Student Information System (Circulars related to students)	✓	✓	✓



## II. List of Student Records Audited

(The test papers and assignment papers of 2 min in each category, sample of Best and Worst of any two subjects need to be signed by the auditors)

Internal Test paper, Assignments / Tutorials, of the following students were audited.

S.No.	Reg. No.	Name of the Student	Subject name	Category (Test paper/Assignment/Tutorial)
1	1715149	VIGNESH P	16PPE814 - Plant Layout And Material Handling	Test paper, Assignment, Tutorial
2	1715148	VIGNESH K	16PPE824: Green Manufacturing	Test paper, Assignment, Tutorial
3	1815118	HARISH C	18PPC602 - Automation And CIM	Test paper, Assignment, Quiz
4	1815106	ARUNKUMAR S	18NOE616 - Measurement And Control	Test paper, Assignment, Tutorial
5	1915147	VIGNESH K	18PHS401: Total Quality Management Concepts	Test paper, Assignment, Tutorial
6	1915125	NARENDRA VIMAL RAJ K	18PES403 – Basic Electronics Engineering	Test paper, Assignment, Tutorial

## III. List of Faculty Records Audited

Class record maintained by each Faculty, Statements of Marks, Internal Assessment, Lesson plans, were audited for the following list of faculty.

S.No.	Name of the Faculty	Department
1	Prof. M. SANKARKUMAR	Production Engineering
2	Dr. P. ILAMATHI	Production Engineering
3	Dr. S. KUMAR	Production Engineering
4	Mrs. N. ARULMOZHI	Electronics & Instrumentation Engineering
5	Dr. A. SASIKUMAR	Production Engineering
6	Dr. J. RANGARAJ	Electronics & Communication Engineering

IV. List of Faculty called for counseling as per record with brief details of the nature of counseling conducted.

---- NIL ---

V. Any Innovative Development of Educational Methodology work towards Evaluation, Improved and Sharing Effective Curriculum Delivery and Evaluation Techniques.

- NPTEL lecture notes and PPTs

VI. List of Non conformities with University Policy and unacceptable Deficiency in Standards.

----- NIL -----



**VII. Any specific Recommendations on Faculty Development.**

The sheets in class records are recommended to be pasted instead of being pinned  
The faculty members are suggested to organize FDPs  
More number of guest lectures and Industrial visits to be organized for the students  
Workshops on IPR & entrepreneurship need to be organized for the students  
Number of industrial projects to be improved  
It is suggested to have a note for recording counseling / mentoring for each batch of students.

**VIII. Any specific instance of Excellence.**

**IX. Confidential Audit Report (if any).**

06/10/21  
Name and Signature  
Second Auditor  
(K. Rekha)

  
Name and Signature  
Second Auditor  
Dr. O. SARANIYA .

06/10/21  
Name and Signature  
Chief Auditor  
(V. PRASANNA KARTHIK)



**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: 08.10.2021

The External Peer Review meeting for Internal Quality Assurance Cell (IQAC) was held on 08.10.2021, 02.00PM 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. M. Palanikumar  
Professor of Civil Engineering  
PSG College of Technology  
Coimbatore
2. Dr. V.G. Srisanthi  
Professor of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore

**Internal Members**

S. No.	Name	Member Category
1	Dr.P.Thamarai	Convenor & Principal
2	Dr.R.Thenmozhi	IQAC Co-ordinator & HoD / PG- Struct & Geotech
3	Dr. S. Maragatham	External - Academics
4	Prof. Shanmugam	External - Alumnus
5	Dr. A. Sudhahar	External - Industry
6	Dr.J. Jeyanthi	HoD/PG-Env & IBT
7	Dr.D.Padmini	HoD/Civil
8	Dr. P.K.Palani	HoD/Mech & Prod
9	Dr.K.Ramesh	HoD/PG-Thermal
10	Dr.N.Nandhakumar	Member & HoD/ED & ME
11	Dr.V. Gopalakrishnan	HoD/EEE & EIE

*P. Thamarai*


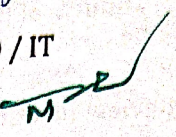
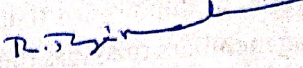
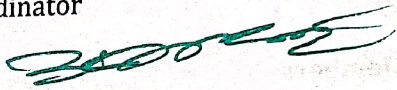
*J. Jeyanthi*

*D. Padmini*

*P. K. Palani*

*V. Gopalakrishnan*



12	Dr.C. Santhi	HoD/ECE
13	Dr.J.C.Miraclin Joyce Pamila	HoD/CSE 
14	Dr.S.Rathi	Member & HoD / IT
15	Dr.M.Thamil Selvan	HoD/Phy&Eng 
16	Prof.R. Rajendran	HoD/Maths 
17	Dr.C.Sivasankari	HoD/Chemistry
18	Dr.R.Rajeswari	Member
19	Dr.C.Meiaraj	Member
20	Tmt.M.Parimala Murugaveni	Member
21	Dr.S.Latha Venkateshwari	Member
22	Dr.R. Chithra	IQAC Co-Coordinator
23	Thiru.R.Gunasekaran	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 2020-21			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 Engineering	121	105	90	87	Good
2	Mechanical Engineering	133	119	90	89	Very Good
3	Electrical & Electronics Engg.	66	63	90	95	Very Good
4	Electronics & Communication Engg.	68	59	90	87	Good
5	Production Engineering	62	56	90	90	Very Good
6	Electronics & Instrumentation Engg.	60	59	90	98	Very Good
7	Computer Science & Engineering	64	61	90	95	Very Good
8	Information Technology	62	54	90	87	Good
9	Industrial Biotechnology	67	63	90	94	Very Good
<b>PG Programmes</b>						
10	Structural Engineering	13	13	95	100	Very Good
11	Environmental Engineering	15	15	95	100	Very Good
12	Geotechnical Engineering	13	12	95	100	Very Good
13	Engineering Design	14	14	95	100	Very Good
14	Manufacturing Engineering	16	16	95	100	Very Good
15	Thermal Engineering	14	13	95	93	Good



16	Power Systems Engineering	12	8	95	67	Satisfactory
17	Power electronics and Drives	12	9	95	75	Satisfactory
18	Applied Electronics	12	12	95	100	Very Good
19	VLSI Design	15	15	95	100	Very Good
20	Computer Science & Engineering	14	14	95	100	Very Good

**80% STUDENTS' PLACEMENTS WITH MEDIAN SALARY PER ANNUM RS.3-4.5 (LAKHS).**

	Name of the Dept	Total No. of students	Eligible Students	No. of students placed	% of placement		Very good	Good	Satisfactory	Poor
					Target	Attained				
1	Civil	121	35	14	80	40				✓
2	Mechanical	132	60	47	80	78			✓	
3	EEE	66	47	45	80	96	✓			
4	ECE	68	57	57	80	100	✓			
5	EIE	60	38	33	80	87		✓		
6	Production	63	25	10	80	40				✓
7	CSE	65	50	50	80	100	✓			
8	IT	62	51	51	80	100	✓			
9	IBT	67	50	40	80	80	✓			
<b>PG Programmes</b>										
10	Structural Engg	13	10	0	60	-				✓
11	Environmental Engg	15	10	0	60	-				✓
12	Geotechnical Engg	13	10	1	60	10				✓
13	Engg Design	14	10	0	60	-				✓
14	Manufacturing Engg	16	10	0	60	-				✓
15	Thermal Engg	14	10	0	60	-				✓
16	Power Systems Engg	12	10	2	60	20				✓
17	Power electronics and Drives	12	10	2	60	20				✓
18	VLSI Design	12	10	4	60	40				✓



19	Applied Electronics	15	10	5	60	50				✓
20	CSE	14	10	1	60	10				✓

**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	13	60	52		✓			
2	Mechanical	24	9	60	38			✓		
3	EEE	17	9	60	53		✓			
4	ECE	14	8	60	57		✓			
5	EIE	12	5	60	42			✓		
6	Production	11	6	60	55			✓		
7	CSE	14	6	60	43				✓	
8	IT	10	1	60	10			✓		
9	IBT	16	6	60	38			✓		
10	Science & Humanities	25	11	60	44		✓			

**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	16			✓	
2	Mechanical	24	17			✓	
3	EEE	17	12		✓		
4	ECE	14	6			✓	
5	EIE	12	5			✓	
6	Production	11	3				✓
7	CSE	14	4				✓
8	IT	10	3				✓
9	IBT	16	20	✓			
10	Science & Humanities	25	10		✓		

**Academic Research - No. of faculty having funded projects :**

	Name of the Dept	No. of Faculty	Organization	Duration of the project	Amount Received
1.	GCT(for all branches)	-	TEQIP - III	4.5 Years	Rs. 7.0 Crores
2.	CIVIL	1	AICTE - MODROB	2 Years	Rs. 19,90,000/-
3.	CSE	1	AICTE - RPS	3 Years	Rs.6,37,353/-
4.	CSE	1	AICTE - RPS	3 Years	Rs.6,34,300/-
5.	IBT	2	AICTE - RPS	3 Years	Rs.5,88,000/-
6.	IBT	1	TNSCST	2 Years	Rs.2,04,000/-
7.	Civil	-	TEQIP III - CoE-ES	4.5 Years	Rs. 2 Crores
8.	EEE	-	TEQIP III - CoE-AER	4.5 Years	Rs. 2 Crores



**Industry - Institute Linkage (Mention Rating)**

1.	Signing of MoU with Industries and Mutual benefits. All the departments have signed MoU with Industries. To list few 1. Irrigation Management Training Institute (IMTI), Thuvakudi, Trichy. 2. M/S DCAD Engineers and Consultants, Coimbatore 3. M/s. Talent Sprint Private Limited, Hyderabad 4. National Institute of Technology, Karnataka (NITK), Surathkal, Mangalore. 5. Sustainable Communities India Private Limited, Mumbai
2.	Members from Industries are acting as BoS members, Academic council members and Dept. advisory board
3.	100% of UG students and 70% 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.
6.	Member in CII for the last two years and registered in Placement Forum of CII.
7.	Life Time Organizational Member in Indian Concrete Institute and India Chapter of American Concrete Institute.
8.	Senior faculty members from all the departments have attended Management Training organized by various IIMs across the country.
9.	Many faculty members have undergone Industrial Training in Public sectors & Research Organizations like BSNL, ISRO and IGBC etc.,
10.	SAE club of GCT has participated in a competition. GCT SAE Tractor design team won second prize in overall best design.
11.	Proposals for Platinum Jubilee Celebration for Rs. 75 Crores is submitted to State Government. Based on that RS. 10 crores has been sanctioned for the construction of class room complex.
12.	In continuation to the renewal of MoU with MSME, a batch of 30 candidates was trained for Lean Six Sigma Yellow Belt certification on 20th & 21st March 2021.

**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	✓			
<b>V INFRASTRUCTURE FACILITIES</b>					
		<b>Very good</b>	<b>Good</b>	<b>Satisfactory</b>	<b>Poor</b>
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)	✓			
<b>VI INSTITUTIONAL VALUES AND BEST PRACTICES</b>					
	<b>Description</b>	<b>Very good</b>	<b>Good</b>	<b>Satisfactory</b>	<b>Poor</b>
1	Environmental Consciousness and Sustainability/Alternate Energy initiatives			✓	
2.	Activities conducted for promotion of universal Values and Ethics		✓		
3.	Adequacy of having best practices		✓		
<b>VII GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>					
	<b>Description</b>	<b>Very good</b>	<b>Good</b>	<b>Satisfactory</b>	<b>Poor</b>
1.	Teaching attended training programs	✓			
2.	Nonteaching staff attended training programs				✓
3.	Adherence to Quality policies	✓			
4.	Various administrative committees/cells/clubs and its duties	✓			



5.	Financial support for staff training	✓			
6.	Benefits to Teaching and nonteaching staff	✓			
7.	Safety measures in the college		✓		

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. The committee 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. Also it commended about the steps taken towards best practices adopted in Institution. The committee appreciated the functions of various cells like EDC, Women Empowerment Cell, Industry - Institute activities etc.

**Suggestions for improvement:**

1. Mission statements to be reviewed and reframed periodically based on attained targets and recent developments.
2. Course objectives and outcomes to be prepared based on the content of the course and its application.
3. Identify and conduct more activities to improve placement.
4. More attention is required in faculty research activities for the publication in high indexed journals and applying for patents.
5. Faculty contribution is also very much needed in obtaining funded research projects.
6. It is observed that student placements are reasonably good under the given constraints in general. But needs improvement in certain core branches and in all PG Programmes.
7. More attention is required in Promotion of Extension activities.
8. Increase in number of value added and socially relevant courses.
9. More no. of virtual labs could be introduced.

V. G. V. *08/10/2021*  
**External Auditor 2**  
 Dr. V.G. Srisanthi  
 Professor of Civil Engineering  
 Coimbatore Institute of Technology  
 Coimbatore

*R. Thenmozhi 8/10/21*  
**IQAC Coordinator**  
 Dr. R. Thenmozhi  
 Professor of Civil Engg  
 GCT, Coimbatore

*M. Palanikumar 8/10/21*  
**External Auditor 1**  
 Dr. M. Palanikumar  
 Professor of Civil Engineering  
 PSG College of Technology  
 Coimbatore

*P. Thamarai 08/10/2021*  
**Chairman**  
 Dr. P. Thamarai  
 Principal  
 GCT, Coimbatore



**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,<br>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               |

*P. Thamarai*  
*R. Thenmozhi*

*Dr. D. Padmini*

*Dr. P. K. Palani*

*Dr. Latha Mercy*

*Dr. O. Saranya*

*Dr. Prasana Moorthy*

*Dr. J. Jeyanthi*

*Dr. S. P. Jeyapriya*

*Dr. Latha Venkateshwari*

*Thiru. R. Gunasekaran*



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
<b>PG Programmes</b>						
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		✓		
<b>PG Programmes</b>									
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			✓	
<b>III RESEARCH &amp; INNOVATION</b>									
<b>Qualification - Percentage of faculty with Ph.D .</b>									
	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			✓	
<b>Academic Research - % of faculty having high quality publications :</b>									
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		✓				
<b>Academic Research - No. of faculty having funded projects :</b>									
	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/-				
<b>Industry - Institute Linkage (Mention Rating )</b>					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.				
<b>IV STUDENT SUPPORT AND PROGRESSION</b>					
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	✓			
<b>V INFRASTRUCTURE FACILITIES</b>					
		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)		✓		
<b>VI INSTITUTIONAL VALUES AND BEST PRACTICES</b>					
	<b>Description</b>	<b>Very good</b>	<b>Good</b>	<b>Satisfactory</b>	<b>Poor</b>
1	Environmental Consciousness and Sustainability/Alternate Energy initiatives		✓		
2.	Activities conducted for promotion of universal Values and Ethics		✓		
3.	Adequacy of having best practices		✓		
<b>VII GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>					
	<b>Description</b>	<b>Very good</b>	<b>Good</b>	<b>Satisfactory</b>	<b>Poor</b>
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		✓		

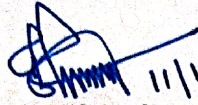
Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. The institution reviews its teaching learning process, structures and methodologies of operations and learning outcomes through IQAC set up as per norms. The committee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

Suggestions for improvement:

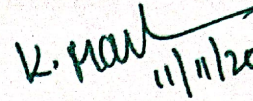
1. Identify and conduct more remedial classes for weak students in analytical subjects which in turn improves placement also.
2. More attention is required in faculty research activities for the publication in high indexed journals.
3. Faculty attention is also very much needed in funded research projects.



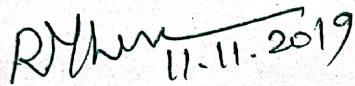
4. It is observed that student placements are reasonably good under the given constraints in general. But needs improvement in certain core branches.

  
11/11/2019

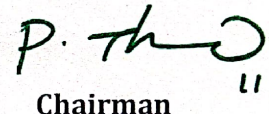
**External Auditor 2**  
Dr. T. Purushothaman  
Professor of Elec. & Commn. Engg (CAS)  
DOTE, Chennai

  
11/11/2019

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

  
11.11.2019

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

  
11/11/2019

**Chairman**  
Dr. P. Thamarai  
Principal  
GCT, Coimbatore



**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: 19.11.2022

The External Peer Review meeting for Internal Quality Assurance Cell (IQAC) was held on 19.11.2022, 02.00PM 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. N. Alagumurthi  
Professor of Mechanical Engineering  
Pondicherry Engineering College  
Pondicherry.
2. Dr.M.Ibrahim Bathusha  
Professor of Civil Engineering  
PSG College of Technology  
Coimbatore.

**Internal Members**

Sl.No.	Name	Member Category
1	Dr.P.Thamarai	Convenor
2	Dr.R.Thenmozhi	IQAC Co-ordinator & HoD / UG Civil, PG- Struct & Geotech
3	Dr.J. Jeyanthi	HoD/PG-Env & IBT
4	Dr.K.Ramesh	HoD/Mech & PG-Thermal
5	Dr.N.Nandhakumar	Member & HoD/PG-ED
6	Dr.T.Sekar	HoD/ PG-ME
7	Dr.V. Gopalakrishnan	HoD/EEE & EIE
8	Dr.C.Vasanthanayaki	HOD/PG-AE & VLSI
9	Dr.C. Santhi	HoD/UG-ECE
10	Dr.S.Srinivasa Moorthy	HoD/Prodn
11	Dr.J.C.Miraclin Joyce Pamila	HoD/CSE



12	Dr.S.Rathi	Member & HoD / IT
13	Prof. G. Ravindra Devi Revathy	HoD/Physics
14	Prof.R. Rajendran	HoD/Maths
15	Dr.C.Sivasankari	HoD/Chemistry
16	Dr.R.Rajeswari	Member
17	Dr.C.Meiaraj	Member
18	Dr. O. Saraniya	Member
19	Dr.Sujatha Balaraman	Member
20	Dr.N.Narmadhai	Member
21	Dr.R. Chithra	IQAC Co-Coordinator
22	Tmt.R.R.Sridevi	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
- VII.

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 2020-21		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 Engineering	120	119	90	99	VG
2	Mechanical Engineering	129	128	90	99	VG
3	Electrical & Electronics Engg.	66	66	90	100	VG
4	Electronics & Communication Engg.	66	66	90	100	VG
5	Production Engineering	60	60	90	100	VG
6	Electronics & Instrumentation Engg.	62	62	90	100	VG
7	Computer Science & Engineering	65	65	90	100	VG
8	Information Technology	65	65	90	100	VG
9	Industrial Biotechnology	105	105	90	100	VG
<b>PG Programmes</b>						
10	Structural Engineering	15	15	100	100	VG
11	Environmental Engineering	14	14	100	100	VG
12	Geotechnical Engineering	15	15	100	100	VG
13	Engineering Design	12	12	100	100	VG
14	Manufacturing Engineering	8	8	100	100	VG
15	Thermal Engineering	11	11	100	100	VG
16	Power Systems Engineering	13	13	100	100	VG
17	Power electronics and Drives	8	8	100	100	VG
18	Applied Electronics	5	5	100	100	VG
19	VLSI Design	4	4	100	100	VG
20	Computer Science & Engineering	13	12	100	92	VG

### 80% STUDENTS' PLACEMENTS WITH MEDIAN SALARY PER ANNUM RS.3-4.5 (LAKHS).

Name of the Dept	Total No. of students	Eligible Students	No. of students	% of placement		Very good (95-100%)	Good (85-95%)	Satisfactory (75-85%)	Poor Less than 75%
				Target	Attained				



			de nts	plac ed						
1	Civil	120	70	60	80	86		G		
2	Mechanical	130	80	72	80	90		G		
3	EEE	67	60	56	80	93		G		
4	ECE	66	55	49	80	89		G		
5	EIE	60	50	41	80	82			S	
6	Production	62	60	58	80	97	VG			
7	CSE	65	56	56	80	100	VG			
8	IT	65	55	51	80	93		G		
9	IBT	105	70	57	80	81			S	
<b>PG Programmes</b>										
10	Structural Engg	15	15	-	60	-				P
11	Environmental Engg	14	14	1	60	7				P
12	Geotechnical Engg	15	15	2	60	13				P
13	Engg Design	12	12	1	60	8				P
14	Manufacturing Engg	8	8	-	60	-				P
15	Thermal Engg	11	11	3	60	27				P
16	Power Systems Engg	14	14	3	60	21				P
17	Power electronics and Drives	9	9	3	60	33				P
18	VLSI Design	4	4	2	60	50				P
19	Applied Electronics	5	5	2	60	40				P
20	CSE	14	14	11	60	79			S	
<b>III RESEARCH &amp; INNOVATION</b>										
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 (80-100%)	Good (60-80%)	Satisfactory (50-60%)	Poor (Less than 50%)	
				Target	Attained					
1	Civil	23	15	75%	65%		G			
2	Mechanical	15	10	75%	67%		G			
3	EEE	14	9	75%	64%		G			
4	ECE	16	10	75%	63%		G			
5	EIE	12	5	75%	42%				P	
6	Production	11	7	75%	64%		G			
7	CSE	12	7	75%	58%			S		
8	IT	11	5	75%	45%				P	
9	IBT	16	8	75%	50%			S		



10	Science & Humanities	21	11	75%	52%			S	
<b>Academic Research - % of faculty having high quality publications :</b>									
Sl. No.	Name of the Dept	Total No. of Faculty	No. of High quality publications	Very good	Good	Satisfactory	Poor		
1	Civil	23	25		G				
2	Mechanical	15	18		G				
3	EEE	14	11			S			
4	ECE	16	3				P		
5	EIE	12	5				P		
6	Production	11	12		G				
7	CSE	12	21	VG					
8	IT	11	25	VG					
9	IBT	16	13			S			
10	Science & Humanities	21	5				P		
<b>Academic Research - No. of faculty having funded projects :</b>									
	Name of the Dept	No. of Faculty	Organization	Duration of the project	Amount Received				
1.	CSE	2	AICTE	3 years	16,70,000				
2.	EEE	1	TNSCST, Chennai	3Months	7,500				
3.	EEE	1	TNSCST, Chennai	3Months	7,500				
4.	Civil,IBT	3	AICTE - RPS	3 Years	5,88,235				
5.	IBT	1	TNSCST	2 Years	2,04,000				
<b>Industry - Institute Linkage (Mention Rating )</b>									
1.	Signing of MoU with Industries and Mutual benefits. All the departments have signed MoU with Industries. GCT signed MoU with Godigital, Australia for benefit of students in Internships and Project works.								
2.	Members from Industries are acting as BoS members, Academic council members and Dept. advisory board								
3.	100% of UG students and 70% PG students are doing internship in industries								
4.	10% of the students are doing their final year project in industries								
5.	Member in CII for the last two years and registered in Placement Forum of CII.								
6.	International webinar on career guidance for budding engineers and inauguration of student quality circle (SQC) was organized on 17.9.21.								
7.	A 5-days workshop on leadership program for Ladies was organized by GCT Coimbatore and Champion women India.								
8.	Third Year Production Department students have secured 2nd place (first Runner up) and won cash prize in a National Level event called NAVYANTRA, a hardware hackathon with an open problem statement, conducted by Indian Institute of Technology (Indian School of Mines), Dhanbad.								
9.	Coding Club and Yellow Cap Community, Product Design and Development Club of GCT and Standards Club of GCT were inaugurated.								
10.	Live demo of interview with a Start-up owner was organized for Mechanical and IT Students.								



11.	Yellow belt MSME certified Six Sigma Programme offered by MSME Technology Development Centre for the benefit of students.
12.	An International Conference and Exhibition on ICT in the Theme Building a sustainable deep technology ecosystem was organized for about 100UG Students by Confederation of Indian Industries.
13.	Tech Expo 2022 was organized to showcase the activities of various Clubs and Cells of GCT on the occasion of National Technology Day 2022 by IIC and IIC.
14.	Women Empowerment Cell, GCT conducted events on the theme Media news on Sexual Harassment - Observe, Explain and Solution for UG and PG Students from 3 <sup>rd</sup> to 5 <sup>th</sup> March 2022.
15.	A debate for Students was conducted by Women Empowerment Cell. Awareness Programme on the theme Recent incidents in connection with Women Harassment was organized by WEC on 18.05.2022.

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 committee 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. Also it commended about the steps taken towards best practices



adopted in Institution. The committee appreciated the functions of various cells like EDC, Women Empowerment Cell, Industry - Institute activities etc.

Suggestions for improvement:

Suggestions for improvement from externals is enclosed.

*N. Alagumurthi*  
19/11/2022

**External Auditor 1**  
Dr. N. Alagumurthi  
Professor of Mechanical Engineering  
Pondicherry Engineering College  
Pondicherry.

*M. Ibrahim Bathusha*  
19/11/22

**External Auditor 2**  
Dr. M. Ibrahim Bathusha  
Professor of Civil Engineering  
PSG College of Technology  
Coimbatore.

*R. Thenmozhi*  
19.11.22

**IQAC Director**  
Dr. R. Thenmozhi  
Professor of Civil Engg  
GCT, Coimbatore

*P. Thamarai*  
19/11/22

**Chairman**  
Dr. P. Thamarai  
Principal  
GCT, Coimbatore



**Suggestions for improvement by Dr. N. Alagumurthi**

1. Audit manual is to be prepared.
2. Targets to be fixed for all parameters. Real targets based on NBA/NAAC are to be set.
3. Publication target to be set as per NAAC/NBA requirements.
4. Target to be fixed for publication by each individual faculty and to be audited by internal audit team.
5. Funded projects are not sufficient for the year 2021-22. It is observed that only eight faculty members are involved in obtaining external funding. Faculty members must be motivated to apply for funded projects.
6. Institute-Industry interaction is found to be good.
7. Faculty members are to be encouraged to obtain Industry sponsored projects.
8. Every Student must be encouraged to participate in various events conducted by other reputed institutions. Also targets may be fixed say atleast an event has to be attended by each individual.
9. Target level may be reduced for achieving prizes in the events participated and some scale like below may be preset.
  - 1-2 % - poor
  - 2-5% - Satisfactory
  - 5-7% Good
  - 7-10% - very good.
10. Availability of Internet facilities can be improved as per AICTE requirement.
11. Suitable mechanism may be formulated to financially support faculty members attending various conferences, programmes, events etc..
12. More number of IPR related programmes may be arranged to enlighten the faculties so as to increase the number of patents.
13. Some rational approach to be framed and followed in the auditing procedure.

**Suggestions for improvement by Dr.M.Ibrahim Bathusha**

1. Placement drives for student to improve placement.
2. Encouraging Students for clearing GATE
3. Number of MoU need to be increased
4. Student Projects could be done in tie up with Government Departments / Industry oriented.
5. Final Year students are to be encouraged to participate SIH competition conducted by Higher level Institutions like IITs, NITs, SERC and NEERI.

*R. Thenmozhi* 19.11.22

**IQAC Director**  
Dr.R. Thenmozhi  
Professor of Civil Engg  
GCT, Coimbatore

*P. Thamarai* 19/11/22

**Chairman**  
Dr. P.Thamarai  
Principal  
GCT, Coimbatore



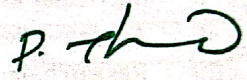
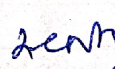
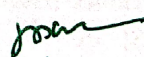
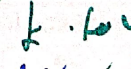



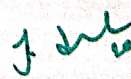
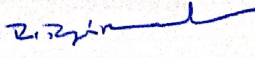
**Government College of Technology, Coimbatore - 641 013**  
(An Autonomous Institution affiliated to Anna University, NAAC accredited with A Grade)  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
Minutes of External Peer Review Meeting  
Date: 29.10.2020

The External Peer Review meeting for Internal Quality Assurance Cell (IQAC) was held on 29.10.2020, 2.30 PM 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 Government College of Engg and Technology  
Karaikudi
2. Dr. V.G.Srisanthi  
Professor of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore

**Internal Members**

- |    |   |                      |  |
|----|---|----------------------|--|
| 1  | Dr.P.Thamarai, Principal  | Convenor             |  |
| 2  | Dr.R.Thenmozhi, PCE   | IQAC Coordinator     |  |
| 3  | Dr.S. Maragatham Nataraj, Dean,<br>Avinashilingam Uty             | External - Academics |  |
| 4  | Er. Raghavenda, Structural Consultant,<br>Pyramid Associates, CBE | External - Alumnus   |  |
| 5  | Er. B. Kamaraj, Structural Consultant,<br>Structwell, CBE         | External - Industry  |  |
| 6  | Dr.D.Padmini, HOD/CIVIL   | Member               |  |
| 7  | Dr.P.K.Palani, PME  | Member               |  |
| 8  | Dr. E. Latha Mercy, HOD/EEE                                       | Member               |  |
| 9  | Dr. O. Saranya, HOD/ECE   | Member               |  |
| 10 | Dr.V. Prasanna Moorthy, HOD/EIE                                   | Member               |  |
| 11 | Dr. J.C. Miraclin Joyce Pamila, HOD/CSE                           | Member               |  |
| 12 | Dr.S.Rathi, HOD/IT  | Member               |  |
| 12 | Dr.J.Jeyanthi, HOD/IBT  | Member               |  |
| 13 | Prof. R. Rajendiran, HOD/Maths                                    | Member               |  |



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 2019-20		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	116	57	85	49	S
2	Mechanical	128	95	85	74	G
3	EEE	70	61	85	87	V.G
4	ECE	70	53	85	76	G
5	EIE	57	42	85	74	G
6	Production	57	41	85	72	G
7	CSE	59	32	85	54	S
8	IT	60	46	85	77	G
9	IBT	69	54	85	78	G
<b>PG Programmes</b>						
10	Structural Engg	16	16	95	100	V.G
11	Environmental Engg	18	18	95	100	V.G
12	Geotechnical Engg	16	16	95	100	V.G
13	Engg Design	15	15	95	100	V.G
14	Manufacturing Engg	16	13	95	81	V.G
15	Thermal Engg	15	15	95	100	V.G
16	Power Systems Engg	13	12	95	92	V.G
17	Power electronics and Drives	14	8	95	57	S
18	Applied Electronics	13	12	95	92	V.G
19	VLSI Design	16	14	95	88	V.G
20	CSE	15	11	95	73	G

### 80% STUDENTS' PLACEMENTS WITH MEDIAN SALARY PER ANNUM RS.3-4.5 (LAKHS).

Name of the Dept	Total No. of	Eli gib	No. of	% of placement		Very good	Good	Satisfactory	Poor
				Target	Attained				



		students	le Students	students placed						
1	Civil	117	40	15	80	38			✓	
2	Mechanical	128	70	55	80	79		✓		
3	EEE	70	50	39	80	78		✓		
4	ECE	70	59	59	80	100	✓			
5	EIE	57	45	37	80	82	✓			
6	Production	57	50	39	80	78		✓		
7	CSE	61	57	57	80	100	✓			
8	IT	60	54	54	80	100	✓			
9	IBT	69	40	26	80	65		✓		
<b>PG Programmes</b>										
10	Structural Engg	17	10	-	60	-				✓
11	Environmental Engg	18	10	-	60	-				✓
12	Geotechnical Engg	17	10	-	60	-				✓
13	Engg Design	16	10	-	60	-				✓
14	Manufacturing Engg	17	10	-	60	-				✓
15	Thermal Engg	16	10	-	60	-				✓
16	Power Systems Engg	14	10	3	60	30			✓	
17	Power electronics and Drives	15	10	-	60	-				✓
18	VLSI Design	15	10	2	60	20			✓	
19	Applied Electronics	13	10	-	60	-				✓
20	CSE	18	10	6	60	60		✓		
<b>III</b>	<b>RESEARCH &amp; INNOVATION</b>									
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	26	11	60	42		✓		
2	Mechanical	27	10	60	37			✓	
3	EEE	17	8	60	47		✓		
4	ECE	18	6	60	33			✓	
5	EIE	10	4	60	40		✓		
6	Production	13	6	60	46		✓		
7	CSE	13	6	60	46		✓		
8	IT	8	1	60	13				✓
9	IBT	16	5	60	31			✓	
10	Science & Humanities	27	14	60	52	✓			

**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	26	17		✓		
2	Mechanical	27	46	✓			
3	EEE	17	15		✓		
4	ECE	18	11		✓		
5	EIE	10	1				✓
6	Production	12	4			✓	
7	CSE	13	3			✓	
8	IT	8	2				✓
9	IBT	16	15		✓		
10	Science & Humanities	27	4				✓

**Academic Research - No. of faculty having funded projects :**

	Name of the Dept	No. of Faculty	Organization	Duration of the project	Amount Received
1.	GCT(for all branches)	-	TEQIP - III	2 Years	Rs. 7.0 Crores
2.	CSE	1	AICTE - RPS	3 Years	Rs.6,37,353/-
3.	CSE	1	AICTE - RPS	3 Years	Rs.6,34,300/-
4.	Mechanical	1	CSIR	3 Years	Rs.5,24,000/-
5.	Civil	1	TEQIP III – CoE-ES	2 Years	Rs. 1.5 Crores
6.	EEE	1	TEQIP III – CoE-AER	2 Years	Rs. 1.5 Crores
7.	Civil	1	Tamilnadu State Council For Science And Technology	6 months	Rs.7,500/-

**Industry - Institute Linkage (Mention Rating )**

1. Signing of MoU with Industries and Mutual benefits.  
All the departments have signed MoU with Industries. To list few  
1. M/s. Rapid 3D Technologies, Coimbatore, Tamil Nadu



	<p>2. M/S Lema Labs Technologies Pvt. Ltd.</p> <p>3. M/s. Capital Engineering Consultancy, Sharjah- UAE</p> <p>4. Lincoln University College, Malaysia.</p> <p>5. M/S Talent Sprint Private Limited, Hyderabad</p> <p>6. Sustainable Communities India Private Limited, Mumbai</p>
2.	Members from Industries are acting as BoS members, Academic council members and Dept. advisory board
3.	100% of UG students and 70% 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.
6.	Member in CII for the last two years and registered in Placement Forum of CII.
7.	Signed MoU with MSME to conduct Training Programmes for the benefit of Faculty, Industrialists and students. So far 4 programmes have been conducted in collaboration with MSME.
8.	Life Time Organizational Member in Indian Concrete Institute.
9.	Virtual tour of Industries were made ready by the faculty members in association with industries for the benefit of students in this COVID `19 period
10.	Many faculty members have undergone industrial training in industries and nationally reputed Research Organizations like SERC, Chennai
11.	Many faculty members have attended training programmes organized by ESCI, Hyderabad, IITs and NITs
12.	Smart India Hakathan 2020 – Awareness campaign were organized. As a outcome of the event nearly 11 teams had participated in SIH 2020 and two teams were selected for presentation.

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 committee 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. Also it commended about the steps taken towards best practices adopted in Institution. The committee appreciated the functions of various cells like EDC, Women Empowerment Cell, Industry - Institute activities etc.

**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 contribution is also very much needed in obtaining 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.
5. More attention is required in Promotion of Extension activities

*V. G. V*  
29/10/2020  
External Auditor 2

Dr. V.G.Srisanthi  
Professor of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore

*K. Manonmani*  
29/10/2020  
External Auditor 1

Dr. K. Manonmani  
Professor of Mechanical Engg  
ACGCET, Karaikudi

*R. Thenmozhi*  
29/10/2020

**IQAC Coordinator**  
Dr.R. Thenmozhi  
Professor of Civil Engg  
GCT, Coimbatore

*P. Thamarai*  
29/10/2020

**Chairman**  
Dr. P.Thamarai  
Principal  
GCT, Coimbatore