

COIMBATORE INSTITUTE OF TECHNOLOGY – COIMBATORE 641 014
(Govt. Aided Autonomous Institution Affiliated to Anna University, Chennai)

Minutes of the 9th Meeting of the Internal Quality Assurance Cell of Coimbatore Institute of Technology, Coimbatore - 641 014.

Date	:	21-11-2024
Time	:	11.30 a.m.
Venue	:	Library Block Board Room

Members Present:

- | | |
|--|-----------------|
| 1. Dr. A. Rajeswari
Principal and Head,
Department of Electronics and Communication Engineering | Chairman |
| 2. Dr. V. Selladurai
Advisor, CIT Institutions | Advisor |
| 3. Mr. Aravind Subramaniam
Associate Vice President,
Startup Tamil Nadu Startup Innovation Mission | External Member |
| 4. Mr. M. Karthikeyan
President, CODISSIA | External Member |
| 5. Mr. K. Elango
Joint Secretary
Kanithavani Mathematical Sciences Society | External Member |
| 6. Dr. M. P. Muthuraj
Associate Professor and Head i/c
Department of Civil Engineering | Member |
| 7. Dr. N. Rajam Ramaswamy
Associate Professor and Head i/c
Department of Mechanical Engineering | Member |
| 8. Dr. S. Vasantharathna
Professor and Head
Department of Electrical and Electronics Engineering | Member |
| 9. Dr. A. Kunthavai
Professor and Head i/c
Department of Computer Science Engineering | Member |
| 10. Dr. M. Thirumarimurugan
Professor and Head
Department of Chemical Engineering | Member |
| 11. Dr. N. K. Karthikeyan
Professor and Head
Department of Information Technology | Member |
| 12. Dr. Valliappan Raman
Professor and Head
Department of Artificial Intelligence and Data Science | Member |



13. Dr. S. Vasantha Professor and Head Department of Physics	Member
14. Dr. P. Shanthi Professor and Head Department of Humanities	Member
15. Dr. R.S. Somasundaram Professor and Head Department of Computer Applications (MCA)	Member
16. Dr. M. Senthil Professor & Head Department of Management Studies	Member
17. Dr. K. Sakthimala Professor and Head, Dept. of Software Systems & Dean – Computing	Member
18. Dr. S. Suganthi Professor and Head Department of Data science	Member
19. Dr. A. Kannammal Professor and Head Department of Decision and Computing Sciences	Member
20. Dr. J. Shana Associate Professor and Head i/c Department of Artificial Intelligence and Machine Learning	Member
21. Dr. R. Saraswathi Controller of Examinations & Professor of Civil Engineering	Member
22. Dr. V. Manikandan Professor, Electrical and Electronics Engineering	Member
23. Prof. Col. Jacob G Podipara Associate Professor, Dept. of Civil Engineering & Administrative Officer	Member
24. Mr. K. Karthick Assistant Professor, Mechanical Engineering & Deputy Warden	Member
25. Mr. R. Chandrasekar PA to Principal, Administrative Office	Member
26. Ms. Akshaya Ashok UG Student (7176 21 05 004)	Student Member
IQAC Coordinators	
27. Dr. M. Mandhirasalam Librarian & Dean (Academic & Research Resource Assistance)	Member



28. Dr.M.Kaarthik Assistant Professor, Dept. of Civil Engineering	Member
29. Dr. N. Deepa Assistant Professor, Dept. of ECE	Member
30. Mr. S. A. Gunasekaran Assistant Professor, Dept. of MCA	Member

The following members could not attend the meeting due to their preoccupation.

1. Dr. K. V. Hemalatha Assistant Professor (Sr.Gr.) and Head i/c Department of Chemistry	Member
2. Dr. R. Lavanya Assistant Professor (Sr.Gr.) and Head i/c Department of Mathematics	Member

Introduction

The 9th meeting of the IQAC at Coimbatore Institute of Technology (CIT) commenced at 11:30 AM on 21st November 2024 at Library Block Board Room. The meeting was chaired by Dr.A.Rajeswari, the Principal of CIT and Chairman of IQAC, who welcomed all the members, especially the newly inducted members. She emphasized the significance of the IQAC in improving the quality of teaching learning process and institutional development. The Principal informed the attendees about the successful submission of the NAAC Self-Study Report (SSR) of accreditation renewal for 2nd cycle and the possible submission of AQAR 2023-24 shortly which mark the significant steps in the institute's pursuit of academic excellence and quality improvements.

Institutional Update

The Principal provided an overview of recent institutional developments, which included:

- **Vacation Policy:** A policy to ensure equitable vacation benefits for all the aided and self-supporting staff to maintain consistency and fairness.
- **Grants Allocation:** New provisions for research grants to support academic and research initiatives by faculty and full time PhD scholars.
- **Lateral Entry Students:** Focus on improving the integration and academic experience of lateral entry students through additional classes.
- **Membership Renewals:** Renewal of CIT's memberships with key academic and professional bodies like CII (Confederation of Indian Industry).
- **IEEE Student Chapter:** Re-launched the IEEE student chapter of the institution.
- **Sports Facilities Maintenance:** Ongoing efforts to maintain and improve sports facilities to promote physical fitness.
- **NPTEL Course Certification:** Exam fee reimbursement to encourage faculty and students to certified in NPTEL courses for skill enhancement.
- **Mental Health Counseling:** Introduction of structured mental health counseling for students to support their emotional well-being.
- **Alumni Portal Enhancements:** Upgrading the alumni portal to enhance engagement and foster stronger alumni relationships.



Suggestions from Senior Faculty

Senior faculty members provided recommendations aimed at strengthening the institution's growth and alignment with its vision. Key suggestions included the need for better alignment of departmental activities with the institution's goals, as well as enhancing the pedagogical approach to improve student engagement and academic outcomes. Collaborative efforts between departments were also emphasized to foster innovation and cross-disciplinary learning.

Departmental Best Practices

Heads of Departments (HoDs) presented best practices implemented within their respective departments, including:

- **Innovative Teaching-Learning Practices (TLP):** Adoption of modern teaching methods like flipped classrooms, mini and collaborative projects, participation of students in hackathons to understand the real-world problem-solving to improve student learning.
- **Alumni Engagement:** Departments reported successful alumni engagement initiatives, including webinars, mentorship programs, and networking sessions to strengthen the relationship between alumni and current students.
- **MoUs with External Organizations:** Several MoUs were signed with external organizations including foreign institutions for internships, research collaborations, and expert lectures, creating valuable learning opportunities for students.
- **Departmental Association Activities:** Active departmental associations organizing workshops, technical fests, and guest lectures to enhance students' skills.
- **Faculty Achievements:** Faculty members' contributions to research and scholarly work were highlighted, showcasing their achievements in publications and conference presentations.
- **Programmes by MMTTC:** 14 NEP orientation and sensitization programmes and 2 STPs have been conducted by the Malaviya Mission Teacher Training Centre (MMTTC) of the institution to orient and sensitize faculty in NEP and various domains of knowledge.

Suggestions from External Members

External members offered insights and recommendations to improve institutional quality:

- **Mr. Aravind Subramaniam (Tamil Nadu Startup Innovation Mission):** Suggested the establishment of incubation center to promote innovation and entrepreneurship among students. He also recommended for introducing minor degree programs focused on entrepreneurship and innovation and participation of students in more national level hackathons.
- **Mr. M. Karthikeyan (CODISSIA):** Emphasized the need to adapt to emerging technologies for institutional growth and competitiveness. He encouraged integrating technology in both academic and administrative functions.
- **Mr. K. Elango (Kanithavani Mathematical Sciences Society):** Suggested organizing preparation programs for competitive exams to expand students' career prospects and equip them for future opportunities.



Vote of Thanks

The meeting concluded with a Vote of Thanks from Dr. M. Mandhirasalam, Librarian, Dean (Academic & Research Resource Assistance) and IQAC Coordinator. He expressed gratitude to all attendees for their active participation and constructive contributions to IQAC activities. He reaffirmed the commitment of IQAC to drive continuous improvement in institutional standards and requested for the active participation of all in the renewal of 2nd cycle accreditation from NAAC.

Conclusion

The meeting resolved to implement the recommendations discussed, with a focus on enhancing academic and administrative processes. The collective effort aims to further improve the institution's quality and performance.



Handwritten signature in blue ink.

Handwritten signature in green ink.

PRINCIPAL & CHAIRMAN

Internal Quality Assurance Cell

Dr. A. RAJESWARI, M.E., Ph.D.,
PRINCIPAL
COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE-641 014.

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
✓1.	B.E. Civil Engineering
2.	M.E. Structural Engineering
3.	M.E. Environmental Engineering
4.	M.E. Construction Management
5.	B.E. Electronics and Communication Engineering
6.	Master of Computer Applications

EXTERNAL AUDIT REPORT

Programme : **B.E. Civil Engineering**

Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 - 2023 (Even Sem) & 2023 - 2024 (Odd Sem)
✓1.	Department Time table Regular/Redo/Fast track
✓2.	Mid semester Test schedule
✓3.	Project Review schedule
✓4.	Practical Continuous Assessment Test schedule
✓5.	Project Evaluation Rubrics
✓6.	Details of evaluation for practicals
✓7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
✓8.	Question paper scrutiny meeting details
✓9.	Tutor Ward meeting and counseling details
✓10.	Semester wise result analysis
✓11.	CO attainment for each course
✓12.	Remedial classes for slow learners
✓13.	Details of fast track courses offered
✓14.	Details of industry collaborative elective courses
✓15.	Details of NPTEL/SWAYAM courses completed by faculty
✓16.	Details of NPTEL/SWAYAM courses completed by students
✓17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
✓18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
✓19.	Guest lectures by faculty members outside the college
✓20.	Technical events organized for the students
✓21.	Details of students participation in Hackathons/paper presentation/project contest etc
✓22.	Guest lectures arranged for students - Report with details
✓23.	Maintenance of subject register by faculty members
✓24.	Teaching aids used for course content delivery
✓25.	Coursewise feedback and analysis
✓26.	New electives introduced in the curriculum
✓27.	Board of studies meeting details
✓28.	Programme Advisory Committee meeting details
✓29.	Alumni feedback and interaction details
✓30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
✓1.	No. of Supervisors
✓2.	No. of Full time/Part time research scholars
✓3.	Details of ongoing research projects
✓4.	Details of research projects applied
✓5.	Details of papers presented in International/National conferences
✓6.	Details of papers published in National/International peer reviewed journals
✓7.	Books/Book chapters published
✓8.	Details of consultancy work and income generated
✓9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	• Well planned & scheduled conduct • Bloom's taxonomy understanding in question setting needs more clarity • Analyze type questions asked in exam 2 marks question, needs more focus. • Advisable to have QP scrutiny after ^{in order to maintain confidentiality.} after the test
b)	Assignments :	• well conducted and documented. • maintenance of records is well appreciated.
c)	Correction and Guidance to students by faculty members	• Good, through Tutor-ward meeting • more remedial classes/programmes/activities are needed for slow learners.
d)	Lesson Plans and Curriculum delivery methods	• Use of modern tools are to be increased in content delivery. • Lesson plans are good.

e)	Maintenance of Records by faculty members	Excellent, well maintained. monitored & audited.
f)	Awareness and Adherence to Policy	Faculty members are well aware of the policy of the institution and adhering to it.

4. Any innovative development of Educational Methodology / work towards Evaluation, improved and effective curriculum delivery and Evaluation techniques.

Little focus and orientation to the faculty members are needed in this regard. Good scope for improvement.

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

- Disproportionate "duration" for terminal examination & Mid-Semester exam.
i.e. for 100 marks evaluation - 3 hours.
for 60 marks evaluation - 2½ hours.
- Little stringent / harsh on students "lack of attendance cases". (If ^{LoA is equal to or} more than 3 courses -- repeat the entire semester)
- All theory courses are to be over at the end of 7th semester, Project alone to be completed in 8th semester, so that Placement Internship will go with out any hardship.

6. Any Specific recommendations on Faculty Development

- Less number of ~~students~~ faculty participation in FDP / NPTEL & other online courses.
- Even ~~with~~ 15 faculty with Ph.D. No ongoing research projects.
- Faculty with Ph.D should become Supervisors shortly.

7. Any specific instances of Excellence

- * Very good amount of Consultancy amount generated.
- * Well equipped Laboratories.
- * 54 number of Ph.Ds produced.

Dr. T. Velrajan
Professor & Head
Dept. of Civil Engineering
Thiagarajar College of Engineering
Madurai 625 015

AUDITOR


SIGNATURE
T. VELRAJAN.

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
1.	B.E. Civil Engineering
✓ 2.	M.E. Structural Engineering
✓ 3.	M.E. Environmental Engineering
✓ 4.	M.E. Construction Management
5.	B.E. Electronics and Communication Engineering
6.	Master of Computer Applications

EXTERNAL AUDIT REPORT

Programme : **M.E. Structural Engineering**

Period / Semester : 2022-2023 Even & 2023-2024 Odd

*ME Environmental Engg
&
ME Construction Management*

1.	List of General Documents produced by the Departments for auditing for the period 2022 - 2023 (Even Sem) & 2023 - 2024 (Odd Sem)
1.	Department Time table Regular/Redo/Fast track
2.	Mid semester Test schedule
3.	Project Review schedule
4.	Practical Continuous Assessment Test schedule
5.	Project Evaluation Rubrics
6.	Details of evaluation for practicals
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8.	Question paper scrutiny meeting details
9.	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Programmes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Programmes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students - Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	• Well planned & well conducted. • Bloom's taxonomy in QP to be correctly used.
b)	Assignments :	• Good quality assignments are given. • Field oriented problems are highlighted in assignment.
c)	Correction and Guidance to students by faculty members	Since PG students, not an issue.
d)	Lesson Plans and Curriculum delivery methods	• Lesson Plans are very good. • ICT tools usage in content delivery to be improved.

e)	Maintenance of Records by faculty members	Excellent.
f)	Awareness and Adherence to Policy	Very good.

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

More innovation in educational methodology need to be explored by faculty members for effective content delivery.

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

* As stated for BE Civil Engg Programme.
Disproportionate allocation of "Duration"
for Terminal Exam & Mid Semester exam.

6. Any Specific recommendations on Faculty Development

— as stated in BE Civil Engg —

7. Any specific instances of Excellence

_____ as started in BE Civil Engg. -

Dr. T. Velrajan
Professor & Head
Dept. of Civil Engineering
Thiagarajar College of Engineering
Madurai 625 015

AUDITOR


SIGNATURE
(T. VELRAJAN)

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
✓ 1.	B.E. Mechanical Engineering
2.	B.E.Computer Science and Engineering
3.	B.Tech. Information Technology
4.	M.Sc. Software Systems
5.	M.Sc. Data Science
6.	Master of Business Administration

EXTERNAL AUDIT REPORT

Programme : **B.E. Mechanical Engineering**

Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 - 2023 (Even Sem) & 2023 - 2024 (Odd Sem)
1.	Department Time table Regular/Redo/Fast track ✓
2.	Mid semester Test schedule ✓
3.	Project Review schedule ✓
4.	Practical Continuous Assessment Test schedule ✓
5.	Project Evaluation Rubrics ✓
6.	Details of evaluation for practicals ✓
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials ✓
8.	Question paper scrutiny meeting details ✓
9.	Tutor Ward meeting and counseling details ✓
10.	Semester wise result analysis ✓
11.	CO attainment for each course ✓
12.	Remedial classes for slow learners ✓
13.	Details of fast track courses offered. <i>no FT</i>
14.	Details of industry collaborative elective courses <i>2 Cor</i>
15.	Details of NPTEL/SWAYAM courses completed by faculty <i>Approved</i>
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members ✓
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members ✓
19.	Guest lectures by faculty members outside the college ✓
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc ✓
22.	Guest lectures arranged for students - Report with details ✓
23.	Maintenance of subject register by faculty members ✓
24.	Teaching aids used for course content delivery ✓
25.	Coursewise feedback and analysis ✓
26.	New electives introduced in the curriculum <i>- Elective</i>
27.	Board of studies meeting details ✓
28.	Programme Advisory Committee meeting details ✓
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

Dept Comm list 2/6

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	As per regulations & norms.
b)	Assignments :	Well planned
c)	Correction and Guidance to students by faculty members	Done Properly
d)	Lesson Plans and Curriculum delivery methods	Structure properly. Delivered As per the requirements and meeting the objectives.

e)	Maintenance of Records by faculty members	Excellent. Few documents should be signed with date.
f)	Awareness and Adherence to Policy	Excellent

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

Adopting GCR is a good choice.
Industry linked elective/Course delivery
is an added advantage.

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

-NIL-

All are as per the policies.

6. Any Specific recommendations on Faculty Development

Capacity building in Smart Manufacturing
Industry 4.0, Predictive maintenance
can be planned.

7. Any specific instances of Excellence

Dr. Anantha Narayanan.V.
Associate Professor
Dept. of Computer Science and Engineering
Amrita Viswa Vidyapeetham
Amritanagar
Coimbatore 641 112

AUDITOR

V. Anantha Narayanan
15/2/24
SIGNATURE
V. Anantha Narayanan.

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
1.	B.E. Electrical and Electronics Engineering
2.	M.E.Embedded and Real Time Systems
3.	B.Tech. Chemical Engineering
4.	B.Tech. Artificial Intelligence & Data Science
5.	M.Sc. Decision and Computing Sciences
6.	M.Sc. Artificial Intelligence & Machine Learning

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Programme : B.E. Electrical and Electronics Engineering
 Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 – 2023 (Even Sem) & 2023 – 2024 (Odd Sem)
1.	Department Time table Regular/Redo/Fast track
2.	Mid semester Test schedule
3.	Project Review schedule
4.	Practical Continuous Assessment Test schedule
5.	Project Evaluation Rubrics
6.	Details of evaluation for practicals
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8.	Question paper scrutiny meeting details
9.	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students – Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Programme : M.E.Embedded and Real Time Systems
Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 - 2023 (Even Sem) & 2023 - 2024 (Odd Sem)
1. ✓	Department Time table Regular/Redo/Fast track
2.	Mid semester Test schedule
3.	Project Review schedule
4.	Practical Continuous Assessment Test schedule
5.	Project Evaluation Rubrics
6.	Details of evaluation for practicals
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8.	Question paper scrutiny meeting details
9.	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students - Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	Internal Tests are conducted as per the institute norms & Schedule.
b)	Assignments :	Assignments are given as per the norms.
c)	Correction and Guidance to students by faculty members	Tutor-ward System is effective.
d)	Lesson Plans and Curriculum delivery methods	Very Good.

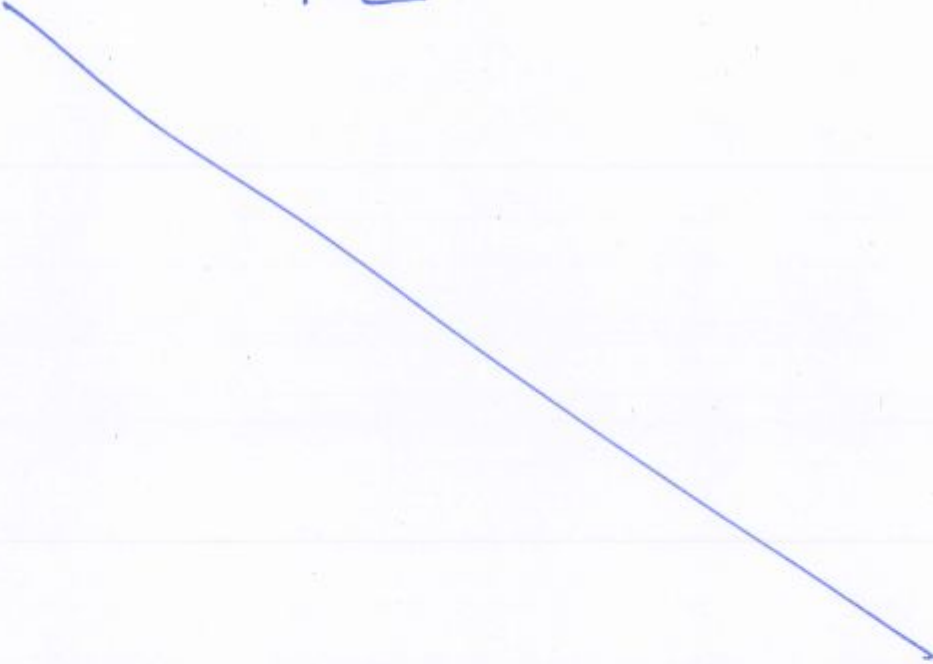
e)	Maintenance of Records by faculty members	Faculty Members maintain records in EXcellent Manner. It should be automated.
f)	Awareness and Adherence to Policy	Good.

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

NIL

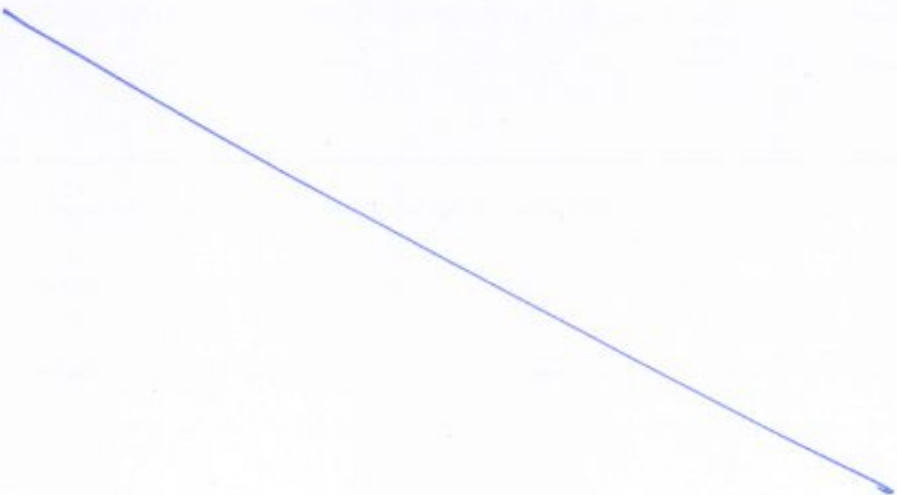
5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

NIL



6. Any Specific recommendations on Faculty Development

Faculty members are to be trained on Bloom's Taxonomy and Outcome measurements.



7. Any specific instances of Excellence

1. Tutor-ward System.

Dr. S. J. Thiruvengadam,
Professor & Dean (Academics),
Thiagarajar College of Engineering,
Madurai- 625 015.

AUDITOR

S.J. Thiruvengadam
SIGNATURE

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl.No.	Courses
1.	B.E. Civil Engineering
2.	M.E. Structural Engineering
3.	M.E. Environmental Engineering
4.	M.E. Construction Management
✓ 5.	B.E. Electronics and Communication Engineering
6.	Master of Computer Applications

EXTERNAL AUDIT REPORT

Programme : **B.E. Electronics and Communication Engineering**
Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 – 2023 (Even Sem) & 2023 – 2024 (Odd Sem)
1.	Department Time table Regular/Redo/Fast track
2.	Mid semester Test schedule
3.	Project Review schedule
4.	Practical Continuous Assessment Test schedule
5.	Project Evaluation Rubrics
6.	Details of evaluation for practicals
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8.	Question paper scrutiny meeting details
9.	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students – Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects — <i>concern</i>
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated — <i>concern</i>
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	<i>more</i> • Exposure to Bloom's taxonomy to be given faculty set for setting QP. • Advisable to have QP scrutiny after the test.
b)	Assignments :	Very well maintained records & documents.
c)	Correction and Guidance to students by faculty members	• More attention is needed for the conduct of remedial classes for students with back logs.
d)	Lesson Plans and Curriculum delivery methods	Very good.

e)	Maintenance of Records by faculty members	Very good.
f)	Awareness and Adherence to Policy	Very much aware.

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

• faculty can really contribute to the above significantly.

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

- more number of faculty with Ph.D. qualifications are not supervisors.
- No ongoing research projects even with > 20 nos. of Ph.D. faculty.
- No consultancy income generated though located in Coimbatore.
- final semester only "Project work" in Curriculum. (as stated in BE Civil Programme)

6. Any Specific recommendations on Faculty Development

- Tutor-ward relationship can be improved significantly.
- FDP/NPTEL and other online courses for faculty development can be improved greatly.

7. Any specific instances of Excellence

- Very good faculty
- Good result analysis

Dr. T. Velrajan
Professor & Head
Dept. of Civil Engineering
Thiagarajar College of Engineering
Madurai 625 015

AUDITOR


SIGNATURE
(T. VELRAJAN)

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
1.	B.E. Mechanical Engineering
✓ 2.	B.E.Computer Science and Engineering
3.	B.Tech. Information Technology
4.	M.Sc. Software Systems
5.	M.Sc. Data Science
6.	Master of Business Administration

EXTERNAL AUDIT REPORT

Programme : **B.E. Computer Science and Engineering**
 Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 - 2023 (Even Sem) & 2023 - 2024 (Odd Sem)
1.	Department Time table Regular/Redo/Fast track
2.	Mid semester Test schedule
3.	Project Review schedule
4.	Practical Continuous Assessment Test schedule
5.	Project Evaluation Rubrics
6.	Details of evaluation for practicals
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8.	Question paper scrutiny meeting details
9.	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students - Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	Well planned & Conducted as per norms .
b)	Assignments :	Well designed & Conducted as per requirements to assess the students skills .
c)	Correction and Guidance to students by faculty members	As per Norms .
d)	Lesson Plans and Curriculum delivery methods	Properly done . Well structured & well planned delivery .

e)	Maintenance of Records by faculty members	As per norms.
f)	Awareness and Adherence to Policy	Excellent.

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

GCR is well utilised.

Project based course delivery for few subjects are well designed.

Good policies for Evaluating Software Program based subjects.

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

— NIL —

All are as per norms.

6. Any Specific recommendations on Faculty Development

Capacity building in
Software Engineering, cloud & IoT,
RTOS, Driver development can be
planned.

7. Any specific instances of Excellence

Dr. Anantha Narayanan.V.
Associate Professor
Dept. of Computer Science and Engineering
Amrita Viswa Vidyapeetham
Amritanagar
Coimbatore 641 112

AUDITOR

V. Anantha Narayanan
SIGNATURE 15/12/24
V. Anantha Narayanan

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
1.	B.E. Electrical and Electronics Engineering
2.	M.E.Embedded and Real Time Systems
3.	B.Tech. Chemical Engineering
4.	B.Tech. Artificial Intelligence & Data Science
5.	M.Sc. Decision and Computing Sciences
6.	M.Sc. Artificial Intelligence & Machine Learning

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Programme : B.Tech. Chemical Engineering

Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 – 2023 (Even Sem) & 2023 – 2024 (Odd Sem)
1.	Department Time table Regular/Redo/Fast track
2.	Mid semester Test schedule
3.	Project Review schedule
4.	Practical Continuous Assessment Test schedule
5.	Project Evaluation Rubrics
6.	Details of evaluation for practicals
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8.	Question paper scrutiny meeting details
9.	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students – Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	Internal Tests are conducted as per the schedule given by the college.
b)	Assignments :	Assignments are given different forms, from the last academic year
c)	Correction and Guidance to students by faculty members	Very Good
d)	Lesson Plans and Curriculum delivery methods	Very Good.

e)	Maintenance of Records by faculty members	Records are maintained in Excellent manner, manually.
f)	Awareness and Adherence to Policy	Good.

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

NIL

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

NIL



6. Any Specific recommendations on Faculty Development

- Course Outcomes and Programme Outcomes are to be measured as per the guidelines of NBA.
- Faculty members are to be encouraged to register for NPTEL courses and write the exams.

7. Any specific instances of Excellence

• Tutor-ward system is in excellent manner.

Dr. S. J. Thiruvengadam,
Professor & Dean (Academics),
Thiagarajar College of Engineering,
Madurai- 625 015.

AUDITOR

S.J. Thiruvengadam
SIGNATURE

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
1.	B.E. Mechanical Engineering
2.	B.E.Computer Science and Engineering
✓ 3.	B.Tech. Information Technology
4.	M.Sc. Software Systems
5.	M.Sc. Data Science
6.	Master of Business Administration

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Programme : **B.Tech. Information Technology**

Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 - 2023 (Even Sem) & 2023 - 2024 (Odd Sem)
1.	Department Time table Regular/Redo/Fast track
2.	Mid semester Test schedule
3.	Project Review schedule
4.	Practical Continuous Assessment Test schedule
5.	Project Evaluation Rubrics
6.	Details of evaluation for practicals
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8.	Question paper scrutiny meeting details
9.	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students - Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	As per Norms
b)	Assignments :	Well planned & well designed to assess the students skills.
c)	Correction and Guidance to students by faculty members	As per Norms. Proper Counseling & Guidance are offered to students
d)	Lesson Plans and Curriculum delivery methods	Well structured & Properly delivered.

e)	Maintenance of Records by faculty members	Excellent
f)	Awareness and Adherence to Policy	Excellent

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

GCR is utilised very well,

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

- NIL -

perfectly following the policies.

6. Any Specific recommendations on Faculty Development

Capacity building on
Software Engineering, Cloud & IoT,
Project Management can be adopted.

7. Any specific instances of Excellence

Dr. Anantha Narayanan.V.
Associate Professor
Dept. of Computer Science and Engineering
Amrita Viswa Vidyapeetham
Amritanagar
Coimbatore 641 112

AUDITOR


SIGNATURE
V. Anantha Narayanan

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
1.	B.E. Electrical and Electronics Engineering
2.	M.E.Embedded and Real Time Systems
3.	B.Tech. Chemical Engineering
4.	B.Tech. Artificial Intelligence & Data Science
5.	M.Sc. Decision and Computing Sciences
6.	M.Sc. Artificial Intelligence & Machine Learning

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Programme : B.Tech. Artificial Intelligence & Data Science
 Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 - 2023 (Even Sem) & 2023 - 2024 (Odd Sem)
1.	Department Time table Regular/Redo/Fast track
2.	Mid semester Test schedule
3.	Project Review schedule
4.	Practical Continuous Assessment Test schedule
5.	Project Evaluation Rubrics
6.	Details of evaluation for practicals
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8.	Question paper scrutiny meeting details
9.	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students - Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	Internal Tests are conducted as per the institute norms & Schedule.
b)	Assignments :	Regular Assignments are given as per institute norms.
c)	Correction and Guidance to students by faculty members	Very Good.
d)	Lesson Plans and Curriculum delivery methods	Very Good.

e)	Maintenance of Records by faculty members	Excellent Record Maintenance.
f)	Awareness and Adherence to Policy	Good.

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

• Curriculum has been designed in an excellent manner

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

NIL

6. Any Specific recommendations on Faculty Development

- Faculty internship can be availed at industries for this programme.

7. Any specific instances of Excellence

- Memorandum of Understanding (MoU) - 5 Nos
- Journal Publications (30+)
- Patents (6)

Dr. S. J. Thiruvengadam,
Professor & Dean (Academics),
Thiagarajar College of Engineering,
Madurai- 625 015.

AUDITOR

S. J. Thiruvengadam
SIGNATURE

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
1.	B.E. Mechanical Engineering
2.	B.E.Computer Science and Engineering
3.	B.Tech. Information Technology
✓ 4.	M.Sc. Software Systems
5.	M.Sc. Data Science
6.	Master of Business Administration

EXTERNAL AUDIT REPORT

Programme : **M.Sc. Software Systems**

Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 - 2023 (Even Sem) & 2023 - 2024 (Odd Sem)
1.	Department Time table Regular/Redo/Fast track
2.	Mid semester Test schedule
3.	Project Review schedule
4.	Practical Continuous Assessment Test schedule
5.	Project Evaluation Rubrics
6.	Details of evaluation for practicals
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8.	Question paper scrutiny meeting details
9.	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students - Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	Properly Conducted
b)	Assignments :	Well planned .
c)	Correction and Guidance to students by faculty members	Excellent Proper counselling & Guidance to students were offered
d)	Lesson Plans and Curriculum delivery methods	Well designed & properly delivered.

e)	Maintenance of Records by faculty members	Excellent. Geo Tag Photos / Logos are needed.
f)	Awareness and Adherence to Policy	Excellent.

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

— standard practices —

Capacity building in Software Architecture, Version Control, Project Management can be planned.

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

- NIL -

6. Any Specific recommendations on Faculty Development

Capacity building in Software
Architecture, Version Control,
Project management can be planned.

7. Any specific instances of Excellence

Planning & Execution of Internship
& placement is noticeable.

Dr. Anantha Narayanan.V.
Associate Professor
Dept. of Computer Science and Engineering
Amrita Viswa Vidyapeetham
Amritanagar
Coimbatore 641 112

AUDITOR

V. Anantha Narayanan
5/2/24
SIGNATURE
V. Anantha Narayanan

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
1.	B.E. Mechanical Engineering
2.	B.E.Computer Science and Engineering
3.	B.Tech. Information Technology
4.	M.Sc. Software Systems
✓ 5.	M.Sc. Data Science
6.	Master of Business Administration

EXTERNAL AUDIT REPORT

Programme : **M.Sc. Data Science**

Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 - 2023 (Even Sem) & 2023 - 2024 (Odd Sem)
1.	Department Time table Regular/Redo/Fast track
2.	Mid semester Test schedule
3.	Project Review schedule
4.	Practical Continuous Assessment Test schedule
5.	Project Evaluation Rubrics
6.	Details of evaluation for practicals
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8.	Question paper scrutiny meeting details
9.	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students - Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	As per the standard norms .
b)	Assignments :	well planned
c)	Correction and Guidance to students by faculty members	As per norms. Proper Counseling & Guidance were offered.
d)	Lesson Plans and Curriculum delivery methods	Well structure & Properly delivered.

e)	Maintenance of Records by faculty members	Excellent
f)	Awareness and Adherence to Policy	Excellent

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

Project based Learning is noticable.

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

- NIL -

All are as per norms & policies.

6. Any Specific recommendations on Faculty Development

Capacity building on Predictive Analytics, Smart Manufacturing, IIoT can be planned.

7. Any specific instances of Excellence

Dr. Anantha Narayanan.V.
Associate Professor
Dept. of Computer Science and Engineering
Amrita Viswa Vidyapeetham
Amritanagar
Coimbatore 641 112

AUDITOR


15/2/24
SIGNATURE

V. Anantha Narayanan

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
1.	B.E. Electrical and Electronics Engineering
2.	M.E.Embedded and Real Time Systems
3.	B.Tech. Chemical Engineering
4.	B.Tech. Artificial Intelligence & Data Science
5.	M.Sc. Decision and Computing Sciences
6.	M.Sc. Artificial Intelligence & Machine Learning

EXTERNAL AUDIT REPORT

Programme : M.Sc. Decision and Computing Sciences
 Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 - 2023 (Even Sem) & 2023 - 2024 (Odd Sem)
1.	Department Time table Regular/Redo/Fast track
2.	Mid semester Test schedule
3.	Project Review schedule
4.	Practical Continuous Assessment Test schedule
5.	Project Evaluation Rubrics
6.	Details of evaluation for practicals
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8.	Question paper scrutiny meeting details
9.	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students - Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	Internal Tests are conducted as per institute norms and Schedule.
b)	Assignments :	Assignments are given as per institute norms.
c)	Correction and Guidance to students by faculty members	Good.
d)	Lesson Plans and Curriculum delivery methods	Good.

e)	Maintenance of Records by faculty members	Excellent Maintenance of Records
f)	Awareness and Adherence to Policy	Good.

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

NIL

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

NIL



6. Any Specific recommendations on Faculty Development

- Faculty should be encouraged to avail internship at industries
- Faculty members should be encouraged to register for NPTEL courses and convert them into FDPs.

7. Any specific instances of Excellence

Tutor-ward System.

Dr. S. J. Thiruvengadam,
Professor & Dean (Academics),
Thiagarajar College of Engineering,
Madurai- 625 015.

AUDITOR

S.J. Thiruvengadam
SIGNATURE

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
1.	B.E. Electrical and Electronics Engineering
2.	M.E.Embedded and Real Time Systems
3.	B.Tech. Chemical Engineering
4.	B.Tech. Artificial Intelligence & Data Science
5.	M.Sc. Decision and Computing Sciences
6.	M.Sc. Artificial Intelligence & Machine Learning

EXTERNAL AUDIT REPORT

Programme : M.Sc. Artificial Intelligence & Machine Learning
 Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 - 2023 (Even Sem) & 2023 - 2024 (Odd Sem)
1.	Department Time table Regular/Redo/Fast track
2.	Mid semester Test schedule
3.	Project Review schedule
4.	Practical Continuous Assessment Test schedule
5.	Project Evaluation Rubrics
6.	Details of evaluation for practicals
7.	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8.	Question paper scrutiny meeting details
9.	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students - Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

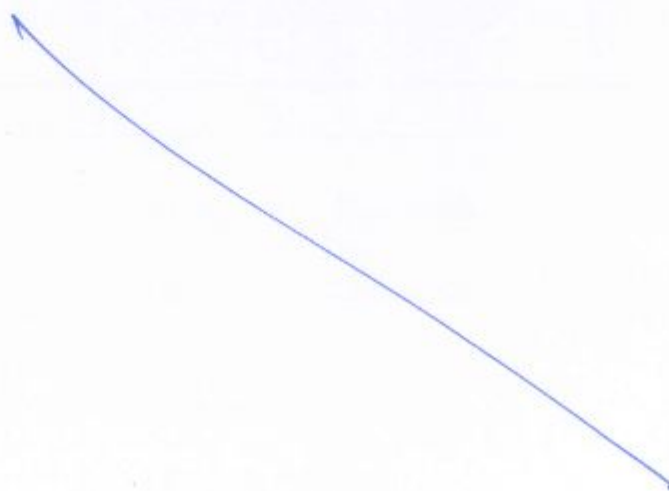
a)	Internal tests :	Internal Tests are conducted as per the institute norms and Schedule.
b)	Assignments :	Assignments are given as per institute norms.
c)	Correction and Guidance to students by faculty members	Good.
d)	Lesson Plans and Curriculum delivery methods	Good.

e)	Maintenance of Records by faculty members	Excellent
f)	Awareness and Adherence to Policy	Good.

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

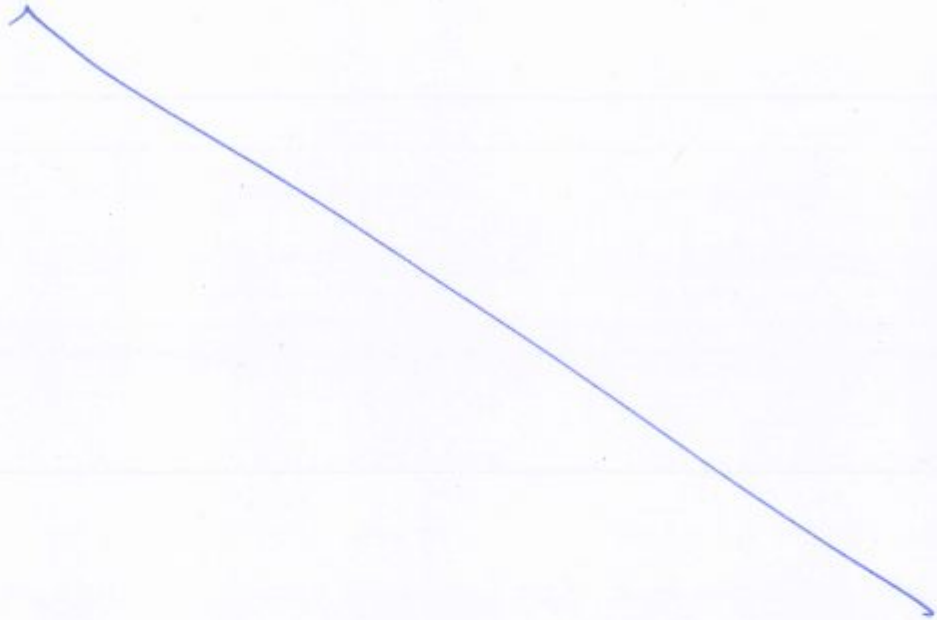
NIL

Suggestion: This department shall have close interaction with B.Tech. AIE & DS Programme faculty members to improve curriculum and content delivery methods.



5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

NU



6. Any Specific recommendations on Faculty Development

- Faculty members should be encouraged to avail internship at industries.
- Faculty members should be encouraged to register NPTEL courses.

7. Any specific instances of Excellence

Tutor-ward System.

Dr. S. J. Thiruvengadam,
Professor & Dean (Academics),
Thiagarajar College of Engineering,
Madurai- 625 015.

AUDITOR

S. J. Thiruvengadam
SIGNATURE

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
1.	B.E. Civil Engineering
2.	M.E. Structural Engineering
3.	M.E. Environmental Engineering
4.	M.E. Construction Management
5.	B.E. Electronics and Communication Engineering
✓ 6.	Master of Computer Applications

EXTERNAL AUDIT REPORT

Programme : **Master of Computer Applications**

Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 – 2023 (Even Sem) & 2023 – 2024 (Odd Sem)
1./	Department Time table Regular/Redo/Fast track
2./	Mid semester Test schedule
3./	Project Review schedule
4./	Practical Continuous Assessment Test schedule
5./	Project Evaluation Rubrics
6./	Details of evaluation for practicals
7./	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8./	Question paper scrutiny meeting details
9./	Tutor Ward meeting and counseling details
10.	Semester wise result analysis
11.	CO attainment for each course
12.	Remedial classes for slow learners
13.	Details of fast track courses offered
14.	Details of industry collaborative elective courses
15.	Details of NPTEL/SWAYAM courses completed by faculty
16.	Details of NPTEL/SWAYAM courses completed by students
17.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18.	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19.	Guest lectures by faculty members outside the college
20.	Technical events organized for the students
21.	Details of students participation in Hackathons/paper presentation/project contest etc
22.	Guest lectures arranged for students – Report with details
23.	Maintenance of subject register by faculty members
24.	Teaching aids used for course content delivery
25.	Coursewise feedback and analysis
26.	New electives introduced in the curriculum
27.	Board of studies meeting details
28.	Programme Advisory Committee meeting details
29.	Alumni feedback and interaction details
30.	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	
b)	Assignments :	They have got substance and Content to show case but because of poor filing and arrangement of documents,
c)	Correction and Guidance to students by faculty members	was unable to show the intended particulars on time. May be the number of faculty members are few (only 6),
d)	Lesson Plans and Curriculum delivery methods	is the reason. Little lack of team work ^{among} the faculty got exposed.

e)	Maintenance of Records by faculty members	greatly to be increased.
f)	Awareness and Adherence to Policy	Could not be observed.

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

— needs great improvement —

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

— They need to ^{be} trained on par with Engineering department to make a comment on these topics.

6. Any Specific recommendations on Faculty Development

Great improvement is needed.

7. Any specific instances of Excellence

— Could not be identified with
available documents ~~8~~

Dr. T. Velrajan
Professor & Head
Dept. of Civil Engineering
Thiagarajar College of Engineering
Madurai 625 015

AUDITOR


SIGNATURE
(T. VELRAJAN)

COIMBATORE INSTITUTE OF TECHNOLOGY : COIMBATORE 641 014
(Government Aided Autonomous Institution)

EXTERNAL AUDIT REPORT

Period / Semester : 2022-2023 Even & 2023-2024 Odd

Sl. No.	Courses
1.	B.E. Mechanical Engineering
2.	B.E.Computer Science and Engineering
3.	B.Tech. Information Technology
4.	M.Sc. Software Systems
5.	M.Sc. Data Science
✓ 6.	Master of Business Administration

EXTERNAL AUDIT REPORT

Programme : **Master of Business Administration**

Period / Semester : 2022-2023 Even & 2023-2024 Odd

1.	List of General Documents produced by the Departments for auditing for the period 2022 - 2023 (Even Sem) & 2023 - 2024 (Odd Sem)
1. ✓	Department Time table Regular/Redo/Fast track
2. ✓	Mid semester Test schedule
3. ✓	Project Review schedule
4. ✓	Practical Continuous Assessment Test schedule
5. ✓	Project Evaluation Rubrics
6. ✓	Details of evaluation for practicals
7. ✓	Details of evaluation for mid semester tests/ book/online/assignment/tutorials
8. ✓	Question paper scrutiny meeting details
9. ✓	Tutor Ward meeting and counseling details
10. ✓	Semester wise result analysis
11. ✓	CO attainment for each course
12. ✓	Remedial classes for slow learners
13. ✓	Details of fast track courses offered
14. ✓	Details of industry collaborative elective courses
15. ✓	Details of NPTEL/SWAYAM courses completed by faculty
16. ✓	Details of NPTEL/SWAYAM courses completed by students
17. ✓	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses attended by faculty members
18. ✓	Details of Faculty Development Pogrammes/Orientation programmes/Refresher courses organized by faculty members
19. ✓	Guest lectures by faculty members outside the college
20. ✓	Technical events organized for the students
21. ✓	Details of students participation in Hackathons/paper presentation/project contest etc
22. ✓	Guest lectures arranged for students - Report with details
23. ✓	Maintenance of subject register by faculty members
24. ✓	Teaching aids used for course content delivery
25. ✓	Coursewise feedback and analysis
26. ✓	New electives introduced in the curriculum
27. ✓	Board of studies meeting details
28. ✓	Programme Advisory Committee meeting details
29. ✓	Alumni feedback and interaction details
30. ✓	Best/innovative practices followed to improve teaching learning process

2.	RESEARCH AND CONSULTANCY
1.	No. of Supervisors
2.	No. of Full time/Part time research scholars
3.	Details of ongoing research projects
4.	Details of research projects applied
5.	Details of papers presented in International/National conferences
6.	Details of papers published in National/International peer reviewed journals
7.	Books/Book chapters published
8.	Details of consultancy work and income generated
9.	Details of MoU and industry collaborative initiatives

3. List of General Observations on the following :

a)	Internal tests :	As Per Norms .
b)	Assignments :	Well defined & well planned
c)	Correction and Guidance to students by faculty members	Well organised. Well Informed. No ambiguity.
d)	Lesson Plans and Curriculum delivery methods	Well structured

e)	Maintenance of Records by faculty members	Excellent
f)	Awareness and Adherence to Policy	Excellent

4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.

Well structured Course plan.

Blended course delivery with right mixture of theory & Practical concepts.

5. List of Non-conformities with University Policy and unacceptable deficiency in Standards

- NIL -

All are as per university / Institute policies.

6. Any Specific recommendations on Faculty Development

Dept chair is having excellent plan for FD.

7. Any specific instances of Excellence

V. Anantha Narayanan 15/2/24

Dr. Anantha Narayanan.V.
Associate Professor
Dept. of Computer Science and Engineering
Amrita Viswa Vidyapeetham
Amritanagar
Coimbatore 641 112

AUDITOR

V. Anantha Narayanan 15/2/24

SIGNATURE

V. ANANTHA NARAYANAN