INTERNAL QUALITY ASSURANCE CELL

INTRODUCTION

Internal Quality Assurance Cell (IQAC) is a mandatory requirement for quality sustenance and quality enhancement in all NAAC-accredited institutions. Coimbatore Institute of Technology, Coimbatore was accredited by NAAC in the year 2018 with A grade. The IQAC of Coimbatore Institute of Technology aims in achieving academic excellence through innovative practices.

OBJECTIVES

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution
- To promote measures for the institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices

FUNCTIONS

- Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution;
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process
- Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes
- Dissemination of information on various quality parameters of higher education;
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- Documentation of the various programmes/activities leading to quality improvement
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices
- Development and maintenance of institutional database through MIS for the purpose of maintaining/enhancing the institutional quality
Development of Quality Culture in the institution
Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC, to be submitted to NAAC

**IQAC MEMBERS**

1. **Dr. V. Selladurai**  
   Principal  
   Chairman

2. **Dr. A. Rajeswari**  
   Dean - Academic & Professor & Head  
   Dept. of ECE  
   Director of IQAC

3. **Dr. G. Arunkumar**  
   Assistant Professor,  
   Dept. of Civil Engineering,  
   Government College of Engineering,  
   Salem – 636 0115.  
   DTE Nominee-Academic

4. **Mr. R. Ramamurthy**  
   President- CODISSIA  
   G.D. Naidu Towers, Post Bag. No. 3827  
   Huzur Road,  
   Coimbatore – 641 018  
   Tamil Nadu  
   External - Industry

5. **Mr. R. Arulmani**  
   Principal Welding Engineer  
   Cameron, a Schlumberger company  
   Third Floor, Tidal Park  
   Vilankurichi Road,  
   Civil Aerodrome Post  
   Coimbatore – 641 014  
   External - Industry

6. **Mr. S.R. Balasubramanian**  
   Flat No. : 101- Atlantis,  
   Raheja Acropolis -1  
   Deonar Pada Road, Near Telecom Factory  
   Deonar, Mumbai – 400 088  
   Alumnus
7. Mr. P. Sivakumar
Chief Technology Officer
Kassoft India Pvt. Ltd.
4-A, RR Land Mark
1-E, Udayampalayam Road,
Coimbatore 641 028, Tamil Nadu.

8. Dr. S. Shanmugam
Dean – Student Affairs &
Head – Civil Engineering

9. Dr. R. Sriram
Dean - Examinations

10. Dr. R. Sathyanarayanan Sridhar
Deputy Controller of Examinations &
Professor of Civil Engineering

11. Dr. K. Marimuthu
Professor & Head
Dept. of Mechanical Engineering

12. Dr. S. Vasantharathna
Dean – Placement and Training &
HOD - EEE

13. Dr. G. Kousalya
Professor & Head
Dept. of CSE

14. Dr. N.K. Karthikeyan
Professor & Head
Dept. of Information Technology

15. Dr. M. Thirumari Murugan
Dean – Extra Curricular and inter collegiate Activities &
HOD – Chemical Engineering

16. Dr. N. Muthukumaranasamy
Dean - R & D and Industry Collaboration &
Professor & Head
Dept. of Physics
17. Dr. V. Manikandan  
   Dean - Planning &  
   Professor of EEE  

18. Dr. T. Sridhar  
   Professor  
   Dept. of Mechanical Engineering  

19. Dr. P. Vinayagam  
   Assistant Professor (Senior Grade)  
   Dept. of Civil Engineering  

20. Mr. R. Chandrasekar  
   Office Manager  

21. Mr. V. Vishnuvarthan  
   Student Union Chairman – 15 01 109  

22. Mr. P. Karthik.  
   Student Union Secretary – 16 03 022  

REPORTS  
External Audit Report Feb 2019  
IQAC Meeting Report Jan 2019  

GALLERY  
IQAC JAN 2019 PHOTO1
The Second meeting of Internal Quality Assurance Cell of Coimbatore Institute of Technology, Coimbatore was held on 05.01.2019 at 11.00AM in IT Block A/C conference hall of Coimbatore Institute of Technology, Coimbatore.

Members:

1. Dr. V. Selladurai
   Principal
   Chairman

2. Dr. A. Rajeswari
   Dean – Academic &
   Professor & Head
   Dept. of ECE
   Director of IQAC

3. Dr. G. Arunkumar
   Assistant Professor,
   Dept. of Civil Engineering,
   Government College of Engineering,
   Salem – 636 0115.
   DTE Nominee

4. Mr. R. Ramamurthy
   President- CODISSIA
   G.D. Naidu Towers, Post Bag. No. 3827
   Huzur Road,
   Coimbatore – 641 018
   Tamil Nadu
   External - Industry

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   Principal Welding Engineer
   Cameron, a Schlumberger company
   Third Floor, Tidal Park
   Vilankurich Road,
   Civil Aerodrome Post
   Coimbatore – 641 014
   External - Industry

6. Mr. S.R. Balasubramanian
   Alumnus
   Flat No.: 101- Atlantis ,
   Raheja Acropolis -1
   Deonar Pada Road, Near Telecom Factory
   Deonar, Mumbai – 400 088

7. Mr. P. Sivakumar
   Chief Technology Officer
   Kassoft India Pvt. Ltd.
   4-A, RR Land Mark
   1-E, Udayampalayam Road,
   Coimbatore 641 028, Tamil Nadu.
   External - Academic

8. Dr. S. Shanmugam
   Dean – Student Affairs &
   Professor & Head
   Dept. of Civil Engineering
   Member

2nd Meeting of Internal Quality Assurance Cell - Minutes
5th January 2019
<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>9.</td>
<td>Dr. R. Sriram</td>
<td>Dean - Examinations</td>
<td>Member</td>
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<td>10.</td>
<td>Dr. R. Sathyanarayan</td>
<td>Deputy Controller of Examinations &amp; Professor of Civil Engineering</td>
<td>Member</td>
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<td>11.</td>
<td>Dr. K. Marinimuthu</td>
<td>Professor &amp; Head Dept. of Mechanical Engineering</td>
<td>Member</td>
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<td>12.</td>
<td>Dr. S. Vasanthalatha</td>
<td>Dean - Placement and Training &amp; Professor &amp; Head Dept. of EEE</td>
<td>Member</td>
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<td>13.</td>
<td>Dr. G. Kousalya</td>
<td>Professor &amp; Head Dept. of CSE</td>
<td>Member</td>
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<td>14.</td>
<td>Dr. N.K. Karthikeyan</td>
<td>Professor &amp; Head Dept. of Information Technology</td>
<td>Member</td>
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<tr>
<td>15.</td>
<td>Dr. M. Thirumari Murugan</td>
<td>Dean - International Affairs &amp; Professor &amp; Head Dept. of Chemical Engineering</td>
<td>Member</td>
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<td>16.</td>
<td>Dr. N. Muthukumaraasamy</td>
<td>Dean - R &amp; D and Industry Collaboration &amp; Professor &amp; Head Dept. of Physics</td>
<td>Member</td>
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<td>17.</td>
<td>Dr. V. Manikandan</td>
<td>Dean - Planning &amp; Professor of EEE</td>
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<td>Professor Dept. of Mechanical Engineering</td>
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<td>Assistant Professor (Senior Grade) Dept. of Civil Engineering</td>
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<td>Mr. V. Vishnuvarthan</td>
<td>Student Union Chairman - 15 01 109</td>
<td>Student Member</td>
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</table>
The following members could not attend the meeting due to pre-occupation.

Mr. R. Ramamurthy  
President- CODISSIA  
G.D. Naidu Towers, Post Bag. No. 3827  
Huzur Road,  
Coimbatore – 641 018  
Tamil Nadu  

Dr. N.K. Karthikeyan  
Professor & Head  
Dept. of Information Technology

Dr. V. Selladurai, Principal, Coimbatore welcomed all the members of Internal Quality Assurance Cell (IQAC) of our college. He mentioned the important functions of IQAC and requirement of periodic assessment procedures to maintain standards and quality in teaching learning process, assessment, evaluation, research and consultancy. Dr. R. Sriram, Dean – Examinations briefed about the innovative academic practices that are followed in our institute. Heads of all engineering departments appraised the activities of the departments on curriculum development, faculty training, placement activities, ongoing research, consultancy work, infrastructure and lab created. Dr. V. Manikandan, Dean – Planning elaborated on the various activities that are being carried out under TEQIP Phase III and Teaching Learning Center of CIT. Shri.S.R. Balasubramanian, External Expert mentioned that talent, innovation and commitment are the key factors in maintaining quality in academic process. He also suggested that measures may be taken to encourage faculty and students to register for patents. Dr.R. Arulmani, External expert suggested that problems in the industry may be offered as student projects. Mr. P. Sivakumar, Management nominee suggested for more focus on industry collaborated research and development. Dr. G. Arunkumar, DTE nominee appreciated the fast track course scheme, self study electives options. The meeting ended with vote of thanks proposed by Dr. A. Rajeswari, Dean Academic.

PRINCIPAL & CHAIRMAN  
Internal Quality Assurance Cell

2nd Meeting of Internal Quality Assurance Cell - Minutes  
5th January 2019
EXTERNAL AUDIT REPORT
(Academic Year 2018 – 2019)

Name of the Institution: Coimbatore Institute of Technology
                       Coimbatore – 641 014

Date of Auditing: February 9, 2019

Chief Auditor: Dr. M. Kannan
               Professor
               Dept. of ECE
               Madras Institute of Technology
               Chrompet, Chennai 600 044

Auditor: Dr. D. Sriram Kumar
         Professor
         Dept. of ECE
         National Institute of Technology
         Trichirapalli 620 015
<table>
<thead>
<tr>
<th>Sl.No.</th>
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<tbody>
<tr>
<td>1.</td>
<td>B.E. Civil Engineering</td>
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<td>2.</td>
<td>B.E. Mechanical Engineering</td>
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<td>3.</td>
<td>B.E. Electrical and Electronics Engineering</td>
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<td>4.</td>
<td>B.E. Electronics and Communication Engineering</td>
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<td>5.</td>
<td>B.E. Computer Science and Engineering</td>
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<td>6.</td>
<td>B.Tech. Chemical Engineering</td>
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<td>7.</td>
<td>B.Tech. Information Technology</td>
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<tr>
<td>8.</td>
<td>M.E. Computer Methods and Applications in Structural Engineering</td>
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<td>9.</td>
<td>M.E. Environmental Engineering and Management</td>
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<td>M.E. Construction Management</td>
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<td>11.</td>
<td>M.E. Heat Power Engineering</td>
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<td>M.E. Advanced Manufacturing Technology</td>
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<td>M.E. Applied Electronics</td>
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<td>14.</td>
<td>M.E. Embedded and Real Time Systems</td>
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<td>15.</td>
<td>M.E. Communication Engineering</td>
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<td>16.</td>
<td>M.E. Computer Science and Engineering</td>
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<td>17.</td>
<td>M.E. VLSI Design</td>
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<tr>
<td>18.</td>
<td>M.Tech Chemical Engineering</td>
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<tr>
<td>19.</td>
<td>Master of Computer Applications</td>
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<tr>
<td>20.</td>
<td>M.Sc. Data Science</td>
</tr>
<tr>
<td>22.</td>
<td>M.Sc. Software Engineering</td>
</tr>
</tbody>
</table>
3. List of General Observations on the following:

| a) Internal tests: | 1. Test modules are Satisfactory (Both Theory & Laboratory)  
2. Instead of 3 Assessments, 2 Internals may be considered. |
|-------------------|---------------------------------------------------------------|
| b) Assignments:   | 1. Assignments - topics/methodologies are OK.  
2. More rigor (Industry/Society oriented topics) shall be emphasised. |
| c) Correction and Guidance to students by faculty members | 1. Guidance by mentors helps students to improve the academics & update their knowledge. — Good practice.  
2. Good to see often conducted |
2. Faculty should ensure that they are meticulously followed. |
| e) Maintenance of Records by faculty members | Excellent.  
Keep it up! |
4. Any innovative development of Educational Methodology / work towards Evaluation improved and effective curriculum delivery and Evaluation techniques.
   - Smart class Room / Flipped classroom
   - Concept may be emphasised / enhanced
   - Other evaluation techniques - Satisfactory

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

6. Any Specific recommendations on Faculty Development
   1. Most of faculty are non-phd holders. They are strongly advised to complete phd early.
   2. Publications - to be improved

7. Any specific instances of Excellence
   - Fast track concept
   - Remedial classes
   - Industry - Institutional interaction
   - Excellent

Signature: [Signature]
Name: Dr. D. Sriram Kumar
AUDITOR

Name: Dr. M. Kannan
Chief Auditor

Date: 9-12-19