



GNANAMANI COLLEGE OF TECHNOLOGY
(An Autonomous Institution)

(Affiliated to Anna University- Chennai, Approved by AICTE- New Delhi,
Accredited by NAAC with "A" grade and NBA)

N.H-7, A.K.Samuthiram, Pachal (PO), Namakkal-637018

13.07.2023

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Circular

The First Internal Quality Assurance Cell (IQAC) meeting for the academic year 2023-2024 will be convened on **22.07.2023** at 10:00 am in **IQAC Board Room**. All the IQAC Members are hereby informed to attend the meeting without fail.

Agenda for the meeting is as below:

1. Review of previous minutes of meeting
2. Approval on raising intake
3. Academic Council Meeting
4. Admission process 2023-2024
5. Review of Academic Calendar for 2023-24 Odd semester
6. Faculty Activities
7. New Lab and Lab equipments
8. Training and Placement Cell
9. Statutory body
10. Alumni talk series
11. Research and Development Activities
12. Peer counseling and Students talk hour
13. Students Activities
14. Naan Mudhalvan progress.
15. IIC activities
16. Entrepreneurship Development Cell activities
17. Department Activities
18. Faculty Achievements
19. NSS/YRC Cell Initiatives
20. Any other matters.

Coordinator (IQAC)

Copy to :

1. The Chairman and The Chairperson - GEI for kind information
2. CAO - GEI
3. Governing Council
4. Academic Director, Dean-Chemical Sciences
5. Vice Principal
6. HODs / Professors - to be circulated to all faculty members
7. All IQAC Committee members
8. File

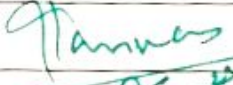

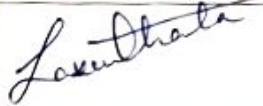



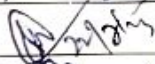



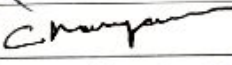





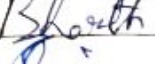



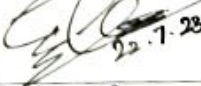

Chairperson
Principal

Gnanamani College of Technology
NH-7, A.K.Samuthiram, Pachal Pos
Namakkal Dist. - 637018, Tamilnac

List of IQAC Committee members are as follows:

Details of Members	Representation
Dr. T.K.Kannan, Principal.	Chairperson
Dr.T.Arangannal, Chairman	Management Representative
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert
Dr.P.Premkumar, Chief Administrative Officer.	Member from Administration
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty
Dr.K.Chandramohan, Vice Principal / Administration	
Dr.R.Umamaheswari, Professor and Head / CSE.	
Dr.J.Chandramohan, ASP and Head / EEE	
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.	
Mr.K.Soundhirarajan, HoD / Civil Engineering.	
Dr.C.Narayanan, Professor/English	
Mr.M.Stalin Jose, Office Faculty	Member from Office
Mr.Rayappan Charles, Deputy Manager (Design)– Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru	Industry Expert
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopergaon, Maharashtra	Alumni Member
S.Balasurya, AI&DS/IV	Student Member
G.Yogeshkumar, EEE/IV	
C.Bharath, IT/ III	
V Sarathi, FT/IV	
K Jeevitha, BME/IV	
C Vemkatesan, VLSI/II	Local Society Member
Mr.N.K.Chythenyen, Proprietor, Green Connect Resource Management Solutions,Paarai Vattam,Alagapuram,Salem.	
Dr.R.C.Karpagalakshmi, Professor and Head/ Department of Artificial Intelligence and Data Science	IQAC Coordinator

The following IQAC members had attended the meeting.

Details of Members	Representation	Signature
Dr. T.K.Kannan, Principal.	Chairperson	
Dr.T.Arangannal, Chairman	Management Representative	
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert	
Dr.P.Premkumar, Chief Administrative Officer.	Member from Administration	
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty	
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Dr.R.Umamaheswari, Professor and Head / CSE.		
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Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.		
Mr.K.Soundhirarajan, HoD / Civil Engineering.		
Dr.C.Narayanan, Professor/English		
Mr.M.Stalin Jose, Office Faculty	Member from Office	
Mr.Rayappan Charles, Deputy Manager (Design)- Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru	Industry Expert	
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopargaon, Maharashtra.	Alumni Member	
S.Balasurya, AI&DS/IV	Student Member	
G.Yogeshkumar, EEE/IV		
C.Bharath, IT/ III		
V Sarathi, FT/IV		
K Jeevitha, BME/IV		
C Venkatesan, VLSI/II		
Mr.N.K.Chythenyen, Proprietor, Green Connect Resource Management Solutions,Paarai Vattam,Alagapuram,Salem.	Local Society Member	
Dr.R.C.Karpagalakshmi, Professor and Head/ Department of Artificial Intelligence and Data Science	IQAC Coordinator	

The following points were discussed

Review of previous minutes of IQAC Meeting and action taken report on the decisions of the previous meeting were readout with a formal discussion with all IQAC members. The minutes of meeting were approved by the IQAC members.

- The committee reviewed the Institution Academic Calendar for the 2023-2024 odd semester and given suggestions to enhance quality development on all aspects.
- The Committee reviewed the action taken of the previous Academic Council meeting.
- The Committee had a detailed discussion on installation of New Lab and Lab equipments for the new courses as per the regulation 2021 University curriculum. It was decided to prepare a department wise quotation for the list of companies in the market to get approval from Management.
- The committee discussed about the reopening date and advised the faculty members to use innovative and creativity methods were adapted in teaching-learning process and tools during their course delivery to enhance the students learning capability.
- The committee instructed the faculty members to attend technical programs like webinars, FDP, online courses, STTPs and conferences etc to enhance the efficacy of knowledge in the domains of area of interest.
- The Committee approved to form office of Controller of Examinations for conduction of end semester examination.
- The Committee overviewed the process on Naan Mudhalvan courses for the welfare of the students and discussed about appointment of new SPOC, staff members for various courses.
- The Committee suggested to conduct Board of Studies meeting twice in a academic year to form the new courses as per the regulation 2023 curriculum.
- The Committee suggested to conduct orientation program and induction program for the fresh incoming students who admitted in the academic year 2024-2025.
- Heads of various departments are requested to encourage the students to attend Webinars, Workshops, Conferences and Symposium at other technical institutions and also to take part in field projects, mini projects and internships to inculcate experimental and participative learning.
- The committee suggested all the HoD's to collaborate quality initiatives with other higher education institutions and industries through MOU or to set up Center of Excellence to augment knowledge and industry practices in 'the areas of expertise'.
- The committee discussed to conduct peer counseling and students talk hour to discuss problems they were having with their peers or teachers or personal problems.

- The Committee suggested inaugurating new clubs and Department association for students and faculties welfare.
- The Committee invoked the Training and Placement Cell to strengthen the number of placements by bringing more numbers of reputed companies for On-campus placement drives.
- The Committee reviewed the Admission process for the academic year 2023-2024, the merit scholarship and other fee concession for the welfare of the students.
- The Committee advised all the HoD's to conduct skill based technical programmes often like Workshops, seminar, FDP's and Guest lecturers for each department.
- The Chairman of IQAC advised the head of the departments to motivate their faculty members to involve in R&D activities by publishing research papers in journals, Patent publications, Conferences and by undertaking major and minor research projects from both Government and Non-Governmental funding agencies.
- The Chairman of the Committee insisted Entrepreneurship Development Cell to conduct an awareness programme on small-scale business for the students to become an entrepreneur.
- The Committee appreciated the faculty members those who have brought accolades to Institution through excellence and contribution as Chief Guest, Jury, Reviewer in reputed Journals, Best Teacher award or Young researcher award etc .,
- The Chairman of the Committee insisted Institution Innovation Council to conduct an programme to enhance quality development on all aspects.
- The IQAC Committee encouraged NSS/YRC Cell to concentrate on social welfare activities and awareness programme for rural people.

IQAC Coordinator proposed the date for the next meeting and unanimously decided the tentative schedule during the month of October 2023.


Coordinator (IQAC)
 COORDINATOR

Internal Quality Assurance Cell
 Gnananani College of Technology
 Chennai (Po), Namakkal - 637 018


Chairperson
 Principal

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IQAC - ACTION TAKEN REPORT

Ref. NO. GCT/IQAC--ATR /2023-2024/01

Action Taken Report is prepared on the decisions of the IQAC meeting held on **22.07.2023**.
To implement the decisions of the above mentioned meeting of the IQAC, the following actions were taken:

Plan of Action	Action taken
Academic Council Meeting	The minutes of the Academic Council Meeting was reviewed and the IQAC Coordinator suggested guidelines to conduct next meeting.
Academic Calendar	The effectiveness of the progress of the academic activities scheduled in the Institute and Department Academic Calendar was verified by the IQAC committee through audits and frequent follow-ups.
The IQAC panel discussed about the increase in intake of courses, classroom availability, Faculty requirement and laboratory set up etc.,	Department of Information Technology sanctioned to increase the intake from 120 to 180 seats and Electronics and Communication Engineering increased from 60 to 120 seats during the academic year 2023-2024.
Naan Mudhalvan courses	<ul style="list-style-type: none">• Mrs.Gayathri, Senior faculty of School of Computer Sciences is appointed as new single point of contact for the naan mudhalvan courses.• Naan Mudhalvan courses were selected by the willingness of the students and staff members were allotted for all courses.• The Corresponding course coordinators attended the training program held at various institutions.
The committee discussed about the reopening	Verified whether all the faculty members used

<p>date and advised the faculty members to use innovative teaching method and tools during their course delivery to enhance the students learning capability.</p>	<p>digital platform effectively for the course delivery and also checked that they incorporated innovative teaching method and tools such as quiz, puzzle, animated videos, polls etc. to make the session more interesting for the better learning of students.</p>
<p>The Committee reviewed the Admission process for the academic year 2023-2024, the merit scholarship and other fee concession for the welfare of the students.</p>	<p>The Committee verified the department wise students admitted count, strategies followed, Merit scholarship and other fee concession given during admission 2023-2024.</p>
<p>New Lab and Lab equipments</p>	<ul style="list-style-type: none"> • Department of Chemical Engineering Purchased 3 equipment for Heat Transfer lab at a cost of Rs.1,44,092.00 for the benefit of Students. • Department of Pharmaceutical Technology installed & Purchased 4 equipment for Biochemistry and Physiology lab at a cost of Rs. 40736.00 for the benefit of Students.
<p>Training and Placement Cell</p>	<p>The students are to be given a full-fledged training in the areas like Soft skill, Verbal, Aptitude, Technical skills and Value Added Training on emerging fields to get placed in top notch MNCs.</p>
<p>The committee instructed the faculty members to attend technical programs like webinars, online FDP, online courses, STTPs and conferences etc to enhance the efficacy of knowledge in the domains of area of interest.</p>	<p>Faculty members from all the departments have attended the technical programs like webinars, online FDP, online courses, STTPs and conferences etc. to enhance the efficacy of knowledge in the domains of area of interest. Some of the details are given below:</p> <ul style="list-style-type: none"> • Ms.S.Arularasi, AP/CSE, attended One Week FDP on "Cloud Infrastructure" on 21 to 25 Aug 2023 at MLR Institute of Technology. • Mr. M.Kamalanathan, AP/ECE, attended FDP on "Emerging Technology in Electronics Engineering" from 28.08.2023-02.09.2023 at AVS College of technology.
<p>MOU / Center of Excellence</p>	<p>Department of Information Technology signed MoU with "Training Trains Software Technologies & Institute, Erode" on 16.08.2023.</p>

<p>Formation of Controller of Examinations and Board of Studies (BoS)</p>	<ul style="list-style-type: none"> • Dr. K.Chandramohan, Prof/CSE was appointed as Controller of Examinations. Dr. S.Gopinath, HOD/IT was appointed as Additional Controller of Examinations and Dr.E.Sathish Kumar, Faculty of ECE IT was appointed as Deputy Controller of Examinations. • BoS meeting were conducted on 01.09.2023 and 02.09.2023. The member of the reviewed the regulations 2023 and verified the curriculum along with syllabus. The suggestions were taken for further process.
<p>Promotion of ICT</p>	<p>Innovative and creativity methods were adapted in teaching-learning process to enhance learning capabilities of students and increasing knowledge.</p>
<p>The IQAC Committee requested the HoD's to motivate their department students to participate in various skill based learning programs under other institution to enrich their technical skills in the recent technologies.</p>	<ul style="list-style-type: none"> • Sisankumar S of Agricultural Engineering underwent internship "Livewire For Live Careers, A Division of CADD Centre Training Services" Bharathiyar Salai, Cantonment, Trichy during 15.07.2023 to 29.07.2023. • Ajith R, Amudeeswaran.R students of Chemical Engineering underwent internship in "Steel Authority of India Limited, Salem" from 27.07.2023 to 09.08.2023.
<p>The Committee advised all the HoD's to conduct skill based technical programmes often like Workshops, Webinars, FDP's and Guest lecturers for each department.</p>	<ul style="list-style-type: none"> • Department of Bio-Medical Engineering conducted one-week, value added course on "Advanced Level Bio-Medical Equipment Technology" on 12.08.2023. The Chief Guest was Dr. Atheena Milagi Pandian, Founder & Managing Director, Atheenapandian Pvt Ltd, Courtrallam. • Department of Mechanical Engineering, in collaboration with IIC and EDC, successfully hosted a seminar titled "Exploring Angel Investment and VC Funding Opportunities for Early Stage Entrepreneurs" on August 9th, 2023. • Department of Biomedical Engineering in

	<p>association with Institution's Innovation Council (IIC) have organized "Demo Day - 2023" on 17.08.2023 & 18.08.2023.</p> <ul style="list-style-type: none"> We are happy to inform that the Department of Computer Science and Engineering in association with IIC and EDC have organized "Startup Competition" on 24.08.2023 & 25.08.2023. The Gnanamani College of Technology's future business leaders displayed their creative concepts for their commercial endeavours.
Peer counseling and Students talk hour	Peer counseling and Students talk hour have been involved in timetable to help their fellow students understand their emotional and behavioral disturbances and work on solutions.
Orientation programme for the new admitted students.	The orientation program for 1st year B.E/B.Tech students was organized on 4th August 2023. The chairperson Tmt.P.Malaleena, Gnyanamani Educational Institutions inaugurated the program.
The Chairman of IQAC advised the head of the departments to motivate their faculty members to involve in R&D activities	<p>Faculties from various departments have published papers in national and international journals, conferences, funded proposals etc. Some of the details are highlighted below:</p> <ul style="list-style-type: none"> Dr.S.Solomon, Mrs.A.N.Padmapriya, Faculty of Chemistry, published a patent on "Biochemistry Analyzer" on 20.09.2023. Mr.K.Venkatesan, AP/CSE, presented a paper on "Cyberbullying Detection using Machine Learning Algorithm" in International Conference on Engineering and Technology, at Selvam College of Technology on 21st & 22nd Sep 2023 Mrs. P.Thenmozhi, AP/ECE, presented a paper on International conference on engineering and technology entitled "Musical instrument recognition in polyphonic music using RNN" at Selvam college

	<p>of technology on 21.09.2023 & 22.09.2023.</p> <ul style="list-style-type: none"> • Mr.R.Sasikumar, AP/ Mechanical Engineering presented a paper in International Conference on Engineering and Technology-2023 entitled "Bilirubin level measurements" on 21.09.2023 & 22.09.2023, Selvam College of Technology, Namakkal.
<p>The IQAC Committee encouraged NSS/YRC Cell to concentrate on social welfare activities and awareness programme for rural people.</p>	<p>It is an honour to share with you all that our College National Service Scheme Units organized the "Anti-Drug Pledge" at our college premises on 11th August 2023.</p>
<p>Achievements</p>	<ul style="list-style-type: none"> • Dr.G.Arunachalam, AP/ECE, awarded as "Emerging Researcher" by Ramfo Academic and Research Excellence Awards Rare on 12.08.2023. • Dr S Gopinath, HOD/IT, acted as a Jury for "International Conference on Engineering & Technology (ICET-2023)" organized by Selvam College of Technology on 21.09.2023 & 22.09.2023. • Dr.R.Umamaheswari, HOD/CSE, acted as a Resource Person "Machine Learning Technologies and Innovation" at Vinayaka Mission's Research Foundation on 22.09.2023. • Manoj Kumar.S, Gowri Sankar .S, Jegan .S of III BME won Second prize in "Logo Finding" at Kongunadu College of Engineering And Technology on 26.08.2023. • Boobesh S of Mechanical Engineering, 3rd year, has awarded the 2nd prize for "Mr.Mechanic event" in Chettinad College of Engineering and Technology- BRAHMASTRA 2K23, a National Level Technical Symposium held on 22.09.2023.
<p>Higher Education</p>	<ul style="list-style-type: none"> • The Higher Educational Cell in association with Shankar IAS Academy organized an orientation

	<p>programme on "Career Guidance Programme for Civil Services Examination" on 11.08.2023. The Chief Guest of the Program was Mr.S.Rajesh Kanna, I.P.S., Superintendent of police, Namakkal. The session gave awareness about guidance on civil services and its scope to the students.</p>
<p>Students Activities</p>	<ul style="list-style-type: none"> • Kavinila.B, Aarthi M, Jeevarathina P students of Biomedical Engineering presented a paper in "Peritoneal Dialysis" at Kongunadu College Of Engineering And Technology on 26.08.2023. • Ajay M, Pravinkumar C III year Mechanical Engineering attended Workshop on "Performance Assessment of Agricultural Machinery for Profitable Agriculture" on 09.09.2023 at Sri Shanmuga College Of Engineering & Technology. • G.Kowsika – III Year, R.Geethanjali – III Year of Pharmaceutical Technology presented a paper in "Drug Discovery" in International conference on Engineering & Technology held at Selvam College of Technology from 21.09.23- 22.09.23. • Swetha M, Priya C of II year EEE had presented a paper in "Brushless DC Motor speed controller for electric motor bikes" at Selvam college of technology-Namakkal on 21.09.2023- 22.09.2023.


Coordinator (IQAC)
 COORDINATOR

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27.09.2023

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Circular

The Second Internal Quality Assurance Cell (IQAC) meeting for the academic year 2023-2024 will be convened on **07.10.2023** at 10:00 am in **IQAC Board Room**. All the IQAC Members are hereby informed to attend the meeting without fail.

Agenda for the meeting is as below:

1. Review of previous minutes of meeting
2. Academic Council Meeting
3. University Exam preparations
4. Faculty Activities / Achievements
5. Funded proposal
6. AQAR Submission 2022-2023
7. Women Empowerment Cell Activities
8. Alumni talk series
9. Research and Development Activities
10. Students Activities / Achievements
11. Technical symposium
12. NPTEL / Online Courses
13. Cell / Committee activities
14. Department Activities
15. NSS/YRC Cell Initiatives
16. Any other matters.

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Mr.M.Stalin Jose, Office Faculty	
Mr.Rayappan Charles, Deputy Manager (Design)- Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru	Industry Expert
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopergaon, Maharashtra	Alumni Member
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Dr.S.Selvarajan, Professor / Computer Science and Engineering	IQAC Coordinator



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MINUTES OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Ref. No. GCT/IQAC--MoM /2023-2024/02


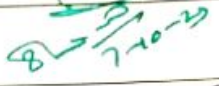
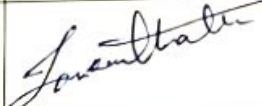

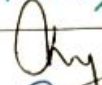
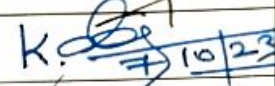



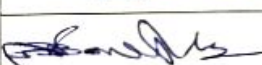
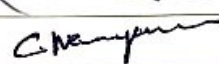
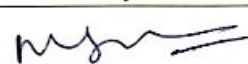
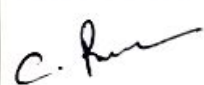


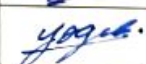
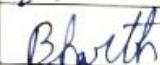

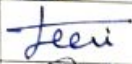



The **second IQAC meeting** for this academic year **2023-2024** was conducted on **07.10.2023** during 10 am - 1.00 pm at **IQAC Board Room**, Gnanamani College of Technology.

Dr. T.K.Kannan, **Chairperson**, welcomed the members of IQAC and set the context for the discussion meeting followed by review presentation made by Dr.S.Selvarajan, Professor, **Coordinator of IQAC**.

Agenda for discussion

1. Review of previous minutes of meeting
2. Academic Council Meeting
3. University Exam preparations
4. Faculty Activities / Achievements
5. Funded proposal
6. AQAR Submission 2022-2023
7. Women Empowerment Cell Activities
8. Alumni talk series
9. Research and Development Activities
10. Students Activities / Achievements
11. Technical symposium
12. NPTEL / Online Courses
13. Cell / Committee activities
14. Department Activities
15. NSS/YRC Cell Initiatives
16. Any other matters.

The following IQAC members had attended the meeting.

Details of Members	Representation	Signature
Dr. T.K.Kannan, Principal.	Chairperson	
Dr.T.Arangannal, Chairman	Management Representative	
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert	
Dr.P.Premkumar, Chief Administrative Officer.	Member from Administration	
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty	
Dr.K.Chandramohan, Vice Principal / COE		
Dr.R.Umamaheswari, Professor and Head / CSE.		
Dr.J.Chandramohan, ASP and Head / EEE		
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.		
Mr.K.Soundhirarajan, HoD / Civil Engineering.		
Dr.C.Narayanan, Professor/English		
Mr.M.Stalin Jose, Office Faculty	Member from Office	
Mr.Rayappan Charles, Deputy Manager (Design)- Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru	Industry Expert	
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopergaon, Maharashtra.	Alumni Member	
S.Balasurya, AI&DS/IV	Student Member	
G.Yogeshkumar, EEE/IV		
C.Bharath, IT/ III		
V Sarathi, FT/IV		
K Jeevitha, BME/IV		
C Venkatesan, VLSI/II		
Mr.N.K.Chythenyen, Proprietor, Green Connect Resource Management Solutions, Paarai Vattam, Alagapuram, Salem.	Local Society Member	
Dr.S.Selvarajan, Professor / Computer Science and Engineering	IQAC Coordinator	

The following points were discussed

Review of previous minutes of IQAC Meeting and action taken report on the decisions of the previous meeting were readout with a formal discussion with all IQAC members.

The minutes of meeting were approved by the IQAC members.

- The Chairperson introduced our new coordinator of IQAC Dr.S.Selvarajan, Professor / Computer Science and Engineering to the committee members with a warm welcome. The Chairperson expresses his gratitude to Dr.R.C.Karpagalakshmi, Prof and Head/AI&DS to make our institution ahead in quality enhancement.
- The Committee discussed about the minutes of Academic Council Meeting conducted to associate and finalize the various academic activities of the Institution and to review the action taken of the previous Academic Council meeting.
- The committee discussed about the innovative and creativity methods in teaching-learning process and tools during their course delivery to enhance the students learning capability.
- The committee instructed the faculty members to attend technical programs like webinars, FDP, online courses, STTPs and conferences etc to enhance the efficacy of knowledge in the domains of area of interest.
- Heads of various departments are requested to encourage the students to attend Webinars, Workshops, Conferences and Symposium at other technical institutions and also to take part in field projects, mini projects and internships to inculcate experimental and participative learning.
- The committee suggested all the HoD's to collaborate quality initiatives with other higher education institutions and industries through MOU or to set up Center of Excellence to augment knowledge and industry practices in 'the areas of expertise'.
- The Committee advised all the HoD's to conduct skill based technical programmes often like Workshops, seminar, FDP's and Guest lecturers for each department.
- The committee suggested all the HoD's to look for alumna support on conducting Alumni Talk Series to gather information about the gaps between institution and industry expectations which supports students in placement.
- The Chairman of IQAC advised the head of the departments to motivate their faculty members to involve in R&D activities by publishing research papers in journals, Patent publications, Conferences and by undertaking major and minor research projects from both Government and Non-Governmental funding agencies.
- The Chairman of the Committee insisted Entrepreneurship Development Cell to conduct an awareness programme on small-scale business for the students to become an entrepreneur.

- The Committee appreciated the faculty members those who have brought accolades to Institution through excellence and contribution as Chief Guest, Jury, Reviewer in reputed Journals, Best Teacher award or Young researcher award etc.,
- The Chairman of the Committee insisted Institution Innovation Council to conduct an programme to enhance quality development on all aspects.
- The IQAC Committee encouraged NSS/YRC Cell to concentrate on social welfare activities and awareness programme for rural people.
- The Committee discussed about the NAAC AQAR process for the academic year 2022-2023 and directed to submit the same by December 2023.

IQAC Coordinator proposed the date for the next meeting and unanimously decided the tentative schedule during the month of January 2024.


Coordinator (IQAC)
COORDINATOR

Internal Quality Assurance Cell
 Gnanamani College of Technology
 Pachal (Po), Namakkal - 637 018

Copy to:

1. The Chairman and The Chairperson - GEI for kind information
2. CAO - GEI
3. Governing Council
4. Academic Director, Dean- Chemical Sciences
5. Vice Principal
6. Professors / HODs – to be circulated to all faculty members
7. All IQAC Committee members
8. File


Chairperson
Principal

Gnanamani College of Technology
 JH-7, A.K.Samuthiram, Pachal Po
 Namakkal Dist. - 637018, Tamilna.



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N.H-7, A.K.Samuthiram, Pachal (PO), Namakkal-637018

IQAC - ACTION TAKEN REPORT

Ref. NO. GCT/IQAC--ATR /2023-2024/02

Action Taken Report is prepared on the decisions of the IQAC meeting held on **07.10.2023**.
To implement the decisions of the above mentioned meeting of the IQAC, the following actions were taken:

Plan of Action	Action taken
Academic Council Meeting	The minutes of the Academic Council Meeting was reviewed and the IQAC Coordinator suggested guidelines to conduct next meeting.
The committee discussed about the reopening date and advised the faculty members to use innovative teaching method and tools during their course delivery to enhance the students learning capability.	Verified whether all the faculty members used digital platform effectively for the course delivery and also checked that they incorporated innovative teaching method and tools such as quiz, puzzle, animated videos, polls etc. to make the session more interesting for the better learning of students.
Alumni Talk Series	<ul style="list-style-type: none">• Department of Artificial Intelligence & Data Science in association with ISTE and IEI have jointly organized an Alumni Talk Series on "Why Software Testing Is Important?" on 16.12.2023.• Department of Computer Science and Engineering is conducting an Alumni Talk series on "Innovations in Sharepoint and ReactJS" on 16.12.2023.• Department of Electrical and Electronics Engineering has organized an Alumni Talk Series on "Technical story of EV" on 21.10.2023.

	<ul style="list-style-type: none"> Department of Electrical and Electronics Engineering has organized an Alumni Talk Series on "Novel Technologies for Cross Platform Applications" on 04.11.2023.
Departmental association	Establishment of the Association for Biomedical Engineering (MED SCHMITT) on October 26, 2023. Following this milestone, a guest lecture titled "Innovation and Entrepreneurs in AI with Biomedical Instruments".
Training and Placement Cell	<p>The students are to be given a full-fledged training in the areas like Soft skill, Verbal, Aptitude, Technical skills and Value Added Training on emerging fields to get placed in top notch MNCs.</p> <ul style="list-style-type: none"> Department of Electronics and Communication Engineering has organized an Alumni Talk Series on "Opportunities In Information Technology And How To Be Industry Ready" on 08.11.2023.
Internal Quality Assurance Cell (IQAC) Quality Initiative	IQAC have organized a National Level Faculty Development Program on "Theory and Application of Symbolic Computing - with Artificial Intelligence Perspective on 01.12.2023 & 02.12.2023.
The committee instructed the faculty members to attend technical programs like webinars, online FDP, online courses, STTPs and conferences etc to enhance the efficacy of knowledge in the domains of area of interest.	<p>Faculty members from all the departments have attended the technical programs like webinars, online FDP, online courses, STTPs and conferences etc. to enhance the efficacy of knowledge in the domains of area of interest. Some of the details are given below:</p> <ul style="list-style-type: none"> Ms.G.Rathika, AP/AGRI, attended fdp on "Revolutionizing Agriculture: Harnessing Drone Technology for Precision Farming" from 18.12.2023 to 22.12.2023 at Kongu Engineering College, Peundurai. Ms.J.A.Sandhiya AP/BME participated in 5days FDP "Emerging Paradigms in Biomedical Healthcare Applications" from 18.12.2023 to

	<p>23.12.2023 held at Sathyabama Institute of Science and Technology, Chennai.</p> <ul style="list-style-type: none"> • Mr. G.Sivakumar, Faculty of CSE, attended 5 days online Faculty Development Program (FDP) on "Emerging Trends in Artificial Intelligence and Deep Learning" from 26.12.2023 to 30.12.2023 at Sri Sai Ram Institute of Technology, Chennai. • Mr.S.Ananthakumar, AP/EEE, attended a Seminar on "DEEP TECH-How to plan Start Up" at Paavai Engineering College on 15.10.2023. • Dr.C.Narayanan, Prof/English, attended One week virtual International Faculty Development Programme on artificial intelligence and language teaching from 30.10.2023 to 04.11.2023 at SRM insitute of science and technology, Ramapuram.
NAAC AQAR 2022-2023	The NAAC AQAR for the academic year 2022 - 2023 is in progress and assured to be completed before December 2023.
MOU / Center of Excellence	<ul style="list-style-type: none"> • Department of Biotechnology signed MoU with "Rapture Biotechnology" on 06.11.2023. • Department of Artificial Intelligence and Data Science have signed an MoU with "Neuraai Solutions Private Limited, Tiruchengode, Namakkal Dt, Tamilnadu" for Internship and Fellowship programmes on 11.12.2023. • Department of Mechanical Engineering signed MoU with "PRS Tyres" for students' internship process on 12.12.2023. • MoU signed by Agricultural Engineering with Devichand Machine Tools, Thiruvallur on 26.12.2023 for students welfare.
Technical Symposium	<ul style="list-style-type: none"> • The Department of Mechanical and Agricultural Engineering have jointly organized the 12th

	<p>National Level Technical Symposium "AGROMECH 2K23" on 18.10.2023.</p> <ul style="list-style-type: none"> • The Department of CSE, IT AND AI & DS have jointly organized a National Level Technical Symposium "GNYAN WHIZKID 2K23" on 27.10.2023. • Department of Biomedical Engineering is conducting a National level Technical Symposium titled "Gnan-Medicnexus 2K23" on 31.10.2023 • Department of Master of Business Administration has organized college bazaar on "GNAN BLAST 2K23". On 06.11.2023 & 07.11.2023.
<p>Promotion of ICT</p>	<p>Innovative and creativity methods were adapted in teaching-learning process to enhance learning capabilities of students and increasing knowledge.</p>
<p>The IQAC Committee requested the HoD's to motivate their department students to participate in various skill based learning programs under other institution to enrich their technical skills in the recent technologies.</p>	<ul style="list-style-type: none"> • Department of Pharmaceutical Technology takes pleasure in announcing that our Second Year students had visited Pasteur Institute, Coonoor for an Industrial Visit on 27.10.2023. • Department of Electronics and Communication Engineering had conducted a field visit for 2nd year students to Radio Astronomy Centre, National Centre for Radio Astrophysics, Udhagamandalam on 28.10.2023. • Department of Pharmaceutical Technology takes pleasure in announcing that our Final Year students have visited Kerala Forest Research Institute (KFRI), Thrissur, Kerala for an Industrial Visit on 03.11.2023. • Department of Mechanical Engineering is delighted to announce that our third-year students recently embarked on an industrial visit

<p>The Committee advised all the HoD's to conduct skill based technical programmes often like Workshops, Webinars, FDP's and Guest lecturers for each department.</p>	<p>to Steel Authority of India Ltd (SAIL), Salem on November 4, 2023.</p> <ul style="list-style-type: none"> • Department of Computer Science and Engineering conducted a two day workshop titled "Innovative Hardware Technology and Guidance Towards Becoming an Entrepreneur" on 06.10.2023 & 09.10.2023. • Department of Biotechnology with IIC and EDC organizing workshop on "Entrepreneurial Innovation in green Elegance: Unleashing the Potential of Medical Plants in The Biocosmetic Industry" on 06.11.2023 • Department of Computer Science and Engineering in association with the IIC conducted the "Idea Competition" on 27.11.2023 & 28.11.2023. • Department of Master of Business Administration in association with Social Consumer Rights Movements is organising a Consumer Awareness Programme on "Telecom Services" on 28.11.2023. • Department of Science and Humanities in association with Institution Innovation Council (IIC) have conducted "Self Development Programme" on 29.11.2023. • Department of Artificial Intelligence and Data Science is association with IIC and EDC has organized an event on "Mentoring Event on Innovative Idea Presentation" on 29.11.2023 & 30.11.2023. • Department of mechanical engineering cordially invites the students to attend the seminar on "An overview about HVACR summary and opportunities for the future graduates" at Ramanujan hall on 15.11.2023. • Department of Food Technology has organized
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	<p>an Incubation Visit in association with Institution Innovation Council Cell (IIC Cell) and Entrepreneurship Development Cell has organized an one-day program on "Exposure Visit To Pre-Incubation Unit" for 2nd year students to Periyar University Business Incubation Confederation (BIC) @PU - Salem on 05.01.2024.</p>
<p>Professional Bodies</p>	<p>Students from all departments enrol themselves with different professional bodies like ISTE, IEI, ITET, SAEINDIA etc., for the enrichment of their career.</p> <ul style="list-style-type: none"> • Department of Mechanical Engineering in association with Institution of Engineers (India) (IEI) organized a seminar program on "Awareness about Society of Automotive Engineers (SAE INDIA) Vehicle Design Competitions" on 09.10.2023. • The Department of Mechanical Engineering in association with ISTE have organized a seminar on "Career Opportunities in Product Design and Analysis for Mechanical Engineers" on 11.10.2023. • Department of Master of Computer Applications in association with IIC & Professional Bodies have organized a one-day seminar on "Motivational Session By Successful Innovators" on 14.11.2023.
<p>Funded Proposals</p>	<p>All the departments have applied for funded proposals under different schemes of Governmental and non-governmental funding bodies to inculcate.</p>
<p>The Committee discussed about the issues related to women and to make the college campus a safe place for women students and faculty members by organizing awareness programs for Female Students and Faculty through Women Empowerment Cell.</p>	<ul style="list-style-type: none"> • Department of Electrical and Electronics Engineering in association with Women Empowerment and Anti-Harassment Cell is organizing an awareness programme on "Prevention of Harrassment at Work Place" on 30.10.2023.

	<ul style="list-style-type: none"> • Women Empowerment and Anti Harassment Cell is organized an awareness programme on "Hygiene and Personality Development" on 04.11.2023
Value Added Course	Department of Mechanical Engineering conducted value added course on "Solid Works" from 27.12.2023 to 11.01.2024 by Kavin S, Trainer, CADD Solutions Pvt Ld, Namakkal.
The Chairman of IQAC advised the head of the departments to motivate their faculty members to involve in R&D activities	<p>Faculties from various departments have published papers in national and international journals, conferences, funded proposals etc. Some of the details are highlighted below:</p> <ul style="list-style-type: none"> • Department of ECE renewed is Centre for Research, Anna University, Chennai on 10.01.2024. • Dr S Gopinath, HOD/IT, published a patent on "AI -Based Corporate Meeting Minutes Capturing Wireless Device" on 24.11.2023, Application No 202341069296. • Mr. Ramkumar A K, faculty of Biotechnology attended International Conference on "The bioactive compound from barlerianoctiflora An insilico investigation against EGFR AND BRAF" at Udhaya school of engineering and scincon lab on 13.10.2023 & 14.10.2023. • Mrs.M.Padmavathi, AP/EEE, published a paper in "Hybrid Energy Storage with IOT System" on International Journal of Engineering Inventions e-ISSN: 2278-7461, p-ISSN: 2319-6491 Volume 12, Issue 10 [October. 2023] PP: 37-42 • Mrs. J.Gayathri, Mrs. M.Deepa, Mr.A.Jeeva, Faculty of CSE have registered Ph.D on Jan 2024.
The IQAC Committee encouraged NSS/YRC Cell to concentrate on social welfare activities and awareness programme for rural people.	<ul style="list-style-type: none"> • Our college's NSS and YRC units, in collaboration with Blood Bank, Government Hospital, Rasipuram, held a Blood Donation

	<p>Camp on 13.12.2023.</p> <ul style="list-style-type: none"> • Our College NSS and YRC volunteers took out a rally in the view of "Conservation of Energy Week 2023" organised by the Tamilnadu Electricity Board on 20.12.2023.
<p>Achievements</p>	<ul style="list-style-type: none"> • Dr.R.Nagarajan, Prof/EEE, acted as a Speaker - Session Chair in "8 th International Conference on Information System Design & Intelligent Applications (ISDA-2024) Dubai, UAE" on 03 and 04 January 2024. • Dr.K.Anand, ASP/ECE, was a Reviewer of American Journal of Neural Networks and Applications (AJNNA) by Science Publishing Group INC from 29.10.2022 to 29.10.2024. • Dr.K.Anand, ASP/ECE, was a Reviewer for IEEE International Conference on "Optimization Techniques for Learning" (ICOTL 2023) 07.12.2023 & 08.12.2023 at Madanapalle Institute of Technology & Science. • Gopi R, 4th year Electronics and Communication Engineering, secured first place in the "Speech Competition" event at Annapoorna Engineering College on 05.10.2023. • Our students Mohammed Rizwan M D & Pravinkumar C, 3rd year of Mechanical Engineering, have won first & second place in the "CAD Modeling" event, Bulbul Kumar, 2nd year, has won second place in the Paper Presentation event of the National level technical symposium "SPRING FEST" held at KSR Institute for Engineering & Technology on 05.10.2023. • The students from the Department of Biomedical Engineering in their second, third, and fourth years secured the Overall

Championship at the National-Level Technical Symposium 'B'ELITEZ 3.0', held at Mahendra College of Engineering in Salem on October 13th, 2023.

- Our student IDHAYAN K, 2nd year Mechanical Engineering, has successfully reached "MINI MARATHON" in 12th Place of 10Km for celebrating 20th Anniversary of SIP Abacus, Salem sponsored by Government of Tamilnadu & Reliance Groups, Salem.
- Students of MBA have participated in the various competitions in the National Level Technical Symposium -TECHFINIX-23 held on 19th and 20th October 23 at Paavai Engineering College, Namakkal. Mr. Bharath.S & Mr. Soundhar.R won the Third prize in the Paper Presentation Event. Ms. Gayathiri. S, Mr. Kalaiyarasan. P, Mr. Bharath. S , Mr. Soundhar. R & Ms. Keerthana. S won the First prize in Ad-Zap.
- Department of Mechanical Engineering, Bulbul Kumar of 2nd year, has won the first place in Paper Presentation Event in the National Level Technical Symposium - "IRAI AMCEM 23" held at Annai Mathammal Sheela Engineering College on 19.10.2023.
- Our college students have achieved in various events in Anna University Zone-8 Athletic Meet which was held at Selvam Engineering College in Namakkal on 08.11.2023 & 09.11.2023.
 - ✓ S. Vinotha of 2nd year Bio-Tech has won the 1st prize in Javelin Throw, also 3rd prize in Discus Throw.
 - ✓ K. Jayapriya of 2nd year Bio-Tech has won the 2nd prize in 400 meters hurdles.
 - ✓ S. Logeshwari of 1st year Food Tech has

	<p>won the 2nd prize in Triple Jump.</p> <ul style="list-style-type: none"> ✓ R. Sneka of 4th year Pharma won the 3rd prize in Long Jump. ✓ R. Sneka, T. Gowri Amirtha, K. Jayapriya and B. Swetha have won the 3rd prize in the 4x400 Relay.
Entrepreneurship Development Cell (EDC)	<p>Department of Master of Computer Applications, in association with the EDC at Gnanamani College of Technology, Namakkal, organized a workshop on "Introduction to Automated Machine Learning: Hyper-Parameter Tuning" from October 26, 2023, to October 31, 2023.</p>
Students Activities	<ul style="list-style-type: none"> • S.Santhuru II year of AI&DS attended an Workshop "INSIGHTX'23" National level Technofest on 06.10.2023 & 07.10.2023 at Bannari Amman Institute of Technology. • Hariharan SS, Hariharan E II year of Biotechnology presented a paper in International Conference at Udaya School Of Engineering "Production of biofuels from algae" from 13.10.2023-14.10.2023. • Aarthi M, Mose G, Saran S students of Biotechnology presented a paper in conference "Health care and bio medical device" Vivekanandha college of engineering for women on 05.01.2024. • MohanRam R and Harish B of CSE had won first prize in "Ink and Imagination" at KSR College of Engineering on 13.10.2023.

Amya

Coordinator (IQAC)
COORDINATOR

Internal Quality Assurance Cell
Gnanamani College of Technology
Pachal (Po), Namakkal - 637 011

Tanner

Chairperson

Principal

Gnanamani College of Technology
H-7, A.K Samuthiram, Pachal
Namakkal Dist. - 637 010, Tamil Nadu



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NH-7, A. K. SAMUTHIRAM, PACHAL (P.O), NAMAKKAL – 637018

08.01.2024


INTERNAL QUALITY ASSURANCE CELL (IQAC)

Circular

The Fourth Internal Quality Assurance Cell (IQAC) meeting for the academic year 2023-2024 will be convened on **20.04.2024** at 10:00 am in **IQAC Board Room**. All the IQAC Members are hereby informed to attend the meeting without fail.

Agenda for the meeting is as below:

1. Review of previous minutes of meeting
2. Faculty Activities / Achievements
3. Administrative and Academic Audit
4. Industrial training / Internships
5. Library Resource Utilization
6. Funded proposal
7. Women Empowerment Cell Activities
8. Alumni talk series
9. Research and Development Activities
10. Students Activities / Achievements
11. Institutions Innovation Council
12. NPTEL / Online Courses
13. Cell / Committee activities
14. Department Activities
15. Any other matters.


Coordinator (IQAC)
COORDINATOR

Internal Quality Assurance Cell
Gnanamani College of Technology

Copy to Pachal (Po), Namakkal - 637 018.

1. The Chairman and The Chairperson - GEI for kind information
2. CAO - GEI
3. Governing Council
4. Academic Director, Dean-Chemical Sciences
5. Vice Principal
6. HODs / Professors- to be circulated to all faculty members
7. All IQAC Committee members
8. File


Chairperson
Principal

Gnanamani College of Technology
NH-7, A.K.Samuthiram, Pachal Post
Namakkal Dist. - 637018, Tamilnadu

List of IQAC Committee members are as follows:

Details of Members	Representation
Dr. T.K.Kannan, Principal.	Chairperson
Dr.T.Arangannal, Chairman	Management Representative
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert
Dr.P.Premkumar, Chief Administrative Officer.	Member from Administration
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty
Dr.K.Chandramohan, Vice Principal / COE	
Dr.R.Umamaheswari, Professor and Head / CSE.	
Dr.J.Chandramohan, ASP and Head / EEE	
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering	
Mr.K.Soundhirarajan, HoD / Civil Engineering.	
Dr.C.Narayanan, Professor/English	
Mr.M.Stalin Jose, Office Faculty	Member from Office
Mr.Rayappan Charles, Deputy Manager (Design)– Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru	Industry Expert
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopergaon, Maharashtra	Alumni Member
S.Balasurya, AI&DS/IV	Student Member
G.Yogeshkumar, EEE/IV	
C.Bharath, IT/ III	
V Sarathi, FT/IV	
K Jeevitha, BME/IV	
C Vemkatesan, VLSI/II	Local Society Member
Mr.N.K.Chythenyen, Proprietor, Green Connect Resource Management Solutions,Paarai Vattam,Alagapuram,Salem.	
Dr.S.Selvarajan, Professor / Computer Science and Engineering	IQAC Coordinator



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NH-7, A. K. SAMUTHIRAM, PACHAL (P.O), NAMAKKAL – 637018

MINUTES OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Ref. No. GCT/IQAC--MoM /2023-2024/04



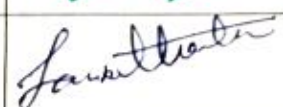
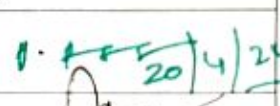
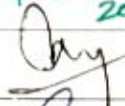
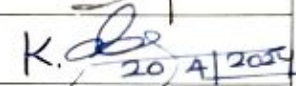
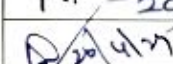
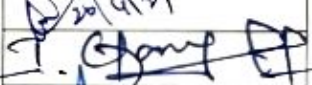


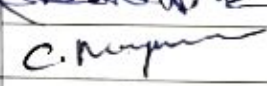



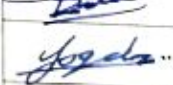
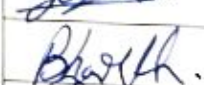

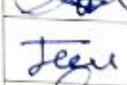
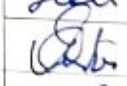


The **fourth IQAC meeting** for this academic year **2023-2024** was conducted on **20.04.2024** during 10 am - 1.00 pm at **IQAC Board Room**, Gnanamani College of Technology.

Dr. T.K.Kannan, **Chairperson**, welcomed the members of IQAC and set the context for the discussion meeting followed by review presentation made by Dr.S.Selvarajan, Professor, **Coordinator of IQAC**.

Agenda for discussion

1. Review of previous minutes of meeting
2. Faculty Activities / Achievements
3. Administrative and Academic Audit
4. Industrial training / Internships
5. Library Resource Utilization
6. Funded proposal
7. Women Empowerment Cell Activities
8. Alumni talk series
9. Research and Development Activities
10. Students Activities / Achievements
11. Institutions Innovation Council
12. NPTEL / Online Courses
13. Cell / Committee activities
14. Department Activities
15. Any other matters.

The following IQAC members had attended the meeting.

Details of Members	Representation	Signature
Dr. T.K.Kannan, Principal.	Chairperson	
Dr.T.Arangannal, Chairman	Management Representative	
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert	
Dr.P.Premkumar, Chief Administrative Officer.	Member from Administration	
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty	
Dr.K.Chandramohan, Vice Principal / COE		
Dr.R.Umamaheswari, Professor and Head / CSE.		
Dr.J.Chandramohan, ASP and Head / EEE		
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.		
Mr.K.Soundhirarajan, HoD / Civil Engineering.		
Dr.C.Narayanan, Professor/English		
Mr.M.Stalin Jose, Office Faculty		Member from Office
Mr.Rayappan Charles, Deputy Manager (Design)- Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru	Industry Expert	
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopargaon, Maharashtra.	Alumni Member	
S.Balasurya, AI&DS/IV	Student Member	
G.Yogeshkumar, EEE/IV		
C.Bharath, IT/ III		
V Sarathi, FT/IV		
K Jeevitha, BME/IV		
C Venkatesan, VLSI/II	Local Society Member	
Mr.N.K.Chythenyen, Proprietor, Green Connect Resource Management Solutions, Paarai Vattam,Alagapuram, Salem.		
Dr.S.Selvarajan, Professor / Computer Science and Engineering	IQAC Coordinator	

The following points were discussed

Review of previous minutes of IQAC Meeting and action taken report on the decisions of the previous meeting were readout with a formal discussion with all IQAC members. The minutes of meeting were approved by the IQAC members.

- The committee discussed about the innovative and creativity methods in teaching-learning process and tools during their course delivery to enhance the students learning capability.
- The committee instructed the faculty members to attend technical programs like webinars, FDP, online courses, SITPs and conferences etc to enhance the efficacy of knowledge in the domains of area of interest.
- Heads of various departments are requested to encourage the students to attend Webinars, Workshops, Conferences and Symposium at other technical institutions and also to take part in field projects, mini projects and internships to inculcate experimental and participative learning.
- The committee suggested all the HoD's to collaborate quality initiatives with other higher education institutions and industries through MOU or to set up Center of Excellence to augment knowledge and industry practices in 'the areas of expertise'.
- The Chairman of the Committee insisted to conduct Alumni meet, graduation day and placement day for this academic year.
- The Committee advised all the HoD's to conduct skill based technical programmes often like Workshops, seminar, FDP's and Guest lecturers for each department.
- The Chairman of IQAC encouraged our alumna to organize alumni talk series for the welfare of the students. In this series, the alumna address about upcoming trends in the modern industries, awareness program in placement opportunities.
- The Chairman of IQAC advised the head of the departments to motivate their faculty members to involve in R&D activities by publishing research papers in journals, Patent publications, Conferences and by undertaking major and minor research projects from both Government and Non-Governmental funding agencies.
- The Chairman of the Committee insisted Entrepreneurship Development Cell to conduct an awareness programme on small-scale business for the students to become an entrepreneur.
- The Committee appreciated the faculty members those who have brought accolades to Institution through excellence and contribution as Chief Guest, Jury, Reviewer in reputed Journals, Best Teacher award or Young researcher award etc.,
- The IQAC Committee advised to purchase prescribed text books for the new courses as per the new regulation, Magazines and e-Journals and to complete the renewal process of all the subscriptions and membership for the benefit of both students and staff members.

- The Chairman of the Committee insisted Institution Innovation Council to conduct an programme to enhance quality development on all aspects.
- The IQAC Committee encouraged NSS/YRC Cell to concentrate on social welfare activities and awareness programme for rural people.
- The Committee appreciated the efforts taken by the Training and Placement Cell towards strengthening the overall placed students in the Academic Year 2023-2024 by bringing reputed companies for on-campus and off-campus drives and motivated them to improve the number of recruitments for this year.

IQAC Coordinator proposed the date for the next meeting and unanimously decided the tentative schedule during the month of July 2024.

Coordinator (IQAC)
COORDINATOR

Internal Quality Assurance Cell

Gnanamani College of Technology
Pachal (Po), Namakkal - 637 018

Copy to:

1. The Chairman and The Chairperson - GEI for kind information
2. CAO - GEI
3. Governing Council
4. Academic Director, Dean- Chemical Sciences
5. Vice Principal
6. Professors / HODs – to be circulated to all faculty members
7. All IQAC Committee members
8. File

Chairperson

Principal

Gnanamani College of Technology
NH-7, A.K.Samuthiram, Pachal Post
Namakkal Dist. - 637018, Tamilnadu



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NH-7, A. K. SAMUTHIRAM, PACHAL (P.O), NAMAKKAL – 637018

IQAC - ACTION TAKEN REPORT

Ref. NO. GCT/IQAC--ATR /2023-2024/04

Action Taken Report is prepared on the decisions of the IQAC meeting held on **20.04.2024**.

To implement the decisions of the above mentioned meeting of the IQAC, the following actions were taken:

Plan of Action	Action taken
Academic and Administrative Audit	AAA report was inspected department wise and the corrective measures proposed were implemented as per the direction of the Chairman of IQAC to enhance the quality of the Academic Initiatives of the Institution.
Alumni Talk Series	Department of Mechanical Engineering in association with ISTE have organized an Alumni Talk Series on "Sustainable Development in Production Technology" on 25.04.2024.
The Committee appreciated the efforts taken by the Training and Placement Cell towards strengthening the overall placed students in the Academic Year 2023-2024 by bringing reputed companies for on-campus and off-campus drives.	Various reputed companies were brought in for both on-campus and off-campus placement programs around 500 students from different departments got offers and recruitment is in process.
The committee instructed the faculty members to attend technical programs like webinars, online FDP, online courses, STTPs and conferences etc to enhance the efficacy of knowledge in the domains of area of interest.	Faculty members from all the departments have attended the technical programs like webinars, online FDP, online courses, STTPs and conferences etc. to enhance the efficacy of knowledge in the domains of area of interest. Some of the details are given below: <ul style="list-style-type: none">• Mr. R.Ganesh Kishore, AP EEE, attended a conference on "Driving Educational Excellence"

	<p>Integrating Outcome Based Education ICT Tools and Accreditation Principles” on 29.06.2024.</p> <ul style="list-style-type: none"> • Mrs. G.Kowsalya, AP/CSE attended FDP on “Deep Learning and IOT Driven Smart Applications” from 24.06.2024 to 29.06.2024 • Dr.E.Sathish Kumar, AP/ECE attended Two day National Seminar on “Next Gen SoC Architecture: Pioneering AI Integration in Signal Processing” on 13.06.2024 & 14.06.2024 at Knowledge Institute of Technology. • Mr. S.Karthick, AP/Mechanical Engineering attended an FDP on Advanced Machining Processes from 06/05/2024 to 10/05/2024 at Kongunadu College of Engineering and Technology.
<p>The Chairman of the committee instructed the Library HoD to complete the renewal process of all the subscriptions and conduct programmes.</p>	<p>Verified whether the Subscriptions and membership was renewed in the Central Library to get unlimited access on wealth of resources.</p>
<p>The IQAC Committee reviewed the IV year Students end semester project progress, report preparation, Conference and Journal publication details and asked to conduct the review as per the schedule.</p>	<ul style="list-style-type: none"> • HoD’s submitted batch wise project progress, report preparation, Conference and Journal publication report to Principal. • The Hardware set up of selected projects (concepts on real time basis) along with descriptions was displayed in the respective department’s project lab.
<p>The Committee discussed about the Admission process for the academic year 2023-2024 and the merit scholarship and other fee concession for the welfare of the students.</p>	<p>The Committee verified the department wise students admitted count, Merit Scholarship and fee concession given.</p>
<p>Books and Patent publication</p>	<ul style="list-style-type: none"> • Mr.S.Kirubhakaran, AP/PT, published a Patent in “Smart elevated air purification system for elevated indoor environmental solutions” on 22.04.2024. • Dr S Gopinath, HOD/IT, published a patent on “Processing and Optimization of the signals in a

	<p>distributed Quantum Computing Environment" Application No 202441034111 on 30.04.2024.</p> <ul style="list-style-type: none"> • Dr.K.Anand, ASP/ECE, published a book on "Circuits, systems and Signal Processing – Design of an Area Efficient and High – Performance Adder with a Novel Sum Generator" in Springer Link on 09.06.2024 • Dr.R.Nagarajan, Prof/EEE, published a book in Bentham Science Publisher entitled "Intelligent Technologies for Automated Electronic Systems" in 2024 ISBN: 9789815179521.
Promotion of ICT	Innovative and creativity methods were adapted in teaching-learning process to enhance learning capabilities of students and increasing knowledge.
The IQAC Committee requested the HoD's to motivate their department students to participate in various skill based learning programs under other institution to enrich their technical skills in the recent technologies.	<ul style="list-style-type: none"> • Second-year B.E. Biomedical Engineering students undertook a visit to Cyrix Healthcare Pvt Ltd in Kochi on April 27, 2024. • Second-year B.E. Electrical and Electronics Engineering students embarked on a visit to the Solar Observatory in Kodaikanal on April 30, 2024.
NPTEL courses.	The Management, Principal and Academic Director congratulate the Faculties and the Students for the successful completion of their NPTEL/SWAYAM courses during July 2023- June 2024.
The Committee advised all the HoD's to conduct skill based technical programmes often like Workshops, Webinars, FDP's and Guest lecturers for each department.	<ul style="list-style-type: none"> • Department of Computer Science and Engineering in association with IIC is organizing "Business Plan Competition"- 23.04.2024 to 25.04.2024. • Department of Pharmaceutical Technology, in collaboration with the Institutions Innovation Council (IIC) and the Entrepreneurship Development Cell (EDC), hosted a Guest Lecture on "Challenges and Opportunities for Bioentrepreneurs" at Michael Faraday Hall on

	<p>April 29, 2024.</p> <ul style="list-style-type: none"> • Department of Artificial Intelligence and Data Science in association with EDC and IIC is organizing a guest lecture on "Market Analysis and Opportunity Identification for Entrepreneurs" on 28.05.2024. • Master of Computer Applications in association with International association of Engineers are organizing six days workshop on "Full Stack Web development with Mongo DB, Node JS and React JS" from 27.05.2024 to 01.06.2024.
Professional Bodies	Students from all departments enrol themselves with different professional bodies like ISTE, IEI, ITET, SAEINDIA etc., for the enrichment of their career.
Funded Proposals	<p>All the departments have applied for funded proposals under different schemes of Governmental and non-governmental funding bodies to inculcate.</p> <ul style="list-style-type: none"> • Dr S Gopinath, HOD/IT, received a sum of amount Rs. 1.29 Lakhs from MSME for System for Wireless Monitoring and Detecting Alcohol Consumption. • Dr.R.Umamaheswari, Head/CSE received a sum of amount Rs. 50000 from Sri Sreenivasa Traders, Belur, CN Palayam for Software Automation
The Committee discussed about the issues related to women and to make the college campus a safe place for women students and faculty members by organizing awareness programs for Female Students and Faculty through Women Empowerment Cell.	<ul style="list-style-type: none"> • Department of Master of Computer Applications in association with Women Entrepreneur Cell has organized an one day Guest Lecture on "Basic Life Support Awareness" on 29.04.2024.
The Chairman of IQAC advised the head of the departments to motivate their faculty members to involve in R&D activities	<p>Faculties from various departments have published papers in national and international journals, conferences, funded proposals etc. Some of the details are highlighted below:</p> <ul style="list-style-type: none"> • Department of Mechanical Engineering renewed

	<p>is Centre for Research, Anna University, Chennai on 12.06.2024.</p> <ul style="list-style-type: none"> • Mr.R.Sasikumar, AP/ Mechanical, presented a paper in “Springless Car suspension system using Bevel Gears” International Conference on Recent Trends in Engineering & Science at Kings College of Engineering on 02.05.2024 & 03.05.2024. • Dr.R.Umamaheswari, HOD/CSE, published a journal “Immersive Commerce: Building a Seamless AR/VR Experience for E-Commerce” May 2024 by IJRSET. • Dr.G.Arunachalam, Faculty of ECE, presented a paper in International Conference on Communication and Signal Processing (ICCSP)-2024 “Tele- Rheumatology – Advanced Neural Network model for Remote Assessment and Management of Rheumatic Conditions” on 08.06.2024. • Mr.R.Krishnakumar, AP/CSE, presented a paper in International conference “A Survey on Routing Protocols and IOT in Wireless Sensor Networks” at Taylor’s University. • Dr.R.Prabhu, AP/ECE, published a paper entitled “Histopathology – based breast cancer prediction using deep learning methods for healthcare applications” Frontiers in Oncology. DOI:10.3389/fonc.2024.1300997
<p>The IQAC Committee advised to purchase prescribed text books for the course as per the new regulation, Magazines and e-journals and to complete the renewal process of all the subscriptions and membership for the benefit of both students and faculty members.</p>	<p>As per the new regulation prescribed text books Magazines and e-journals have been purchased and completed the renewal process of all the subscriptions and membership for the benefit of both students and faculty members.</p>
<p>Faculty Achievements</p>	<p>Dr.R.Umamaheswari, HOD/CSE, acted as Auditor at Anna Mathammal Engineering College,</p>

	Erumapatty, Namakkal on 04.06.2024.
The IQAC Committee encouraged NSS/YRC Cell to concentrate on social welfare activities and awareness programme for rural people.	NSS and YRS cell conduct Social Responsibility and Awareness programs for the benefit of rural and under privileged people.
The Committee decided to submit the IQAC Annual plan for the academic year 2024-2025 for the approval from Governing Council.	The IQAC Annual plan for the academic year 2022-2023 was placed in Governing Council Meeting.
Institutions Innovation Council	<ul style="list-style-type: none"> • Department of Chemistry, in partnership with IIC, hosted a one-day orientation program titled "World Creativity and Innovation Day" on April 23, 2024. • Department of Food Technology, in collaboration with the Institutions Innovation Council and Entrepreneurship Development Cell- seminar on 'Idea to Impact: Government Support for Startups and Entrepreneurs- 11.06.2024.
Students Achievements	<ul style="list-style-type: none"> • Uma Maheswari C student of Biotechnology won First Prize in "Poster presentation" on 27.04.2024. • Keerthivasan M, Abhiyanshu Choudhary students of AI&DS published a paper in "Analyzing Ensemble Learning Techniques in Fraud Detection of Crypto-Currency" in International Journal Of Innovative Research In Management, Engineering And Technology Vol. 9, Issue 3, April 2024. • Naveen R, a second-year Mechanical Engineering student, clinched the first prize in the "Reels Contest," while Ebineshar J, also in their second year, secured the first prize in the "Mr. Quiz" competition at the National Level Technical Symposium hosted by AVS College of Technology. • Aravinth P, a third-year student from the Department of Mechanical Engineering, secured

the first prize in the "Photography" event at the National Level Technical Symposium hosted by Government College of Engineering.

- Students from the Department of Mechanical Engineering, Mohammed Rizwan M D, Pravinkumar C, Uthayasurya T, Naveenkumar R & Sanjay P of III Year won First Prize in "Treasure Hunt" event in the National level technical symposium held at Government College of Engineering.
- S. Vignesh IV year of Pharmaceutical Technology published a paper on "Optimization of low cost modified adsorbent for the removal of oxycodone & ciprofloxacin from pharmaceutical waste water using combination of central composite design and artificial neural network" in Environmental Science and Pollution research.

Coordinator (IQAC)
COORDINATOR

Internal Quality Assurance Cell
Gnanamani College of Technology
Pachal (Po), Namakkal - 637 018

Chairperson

Principal
Gnanamani College of Technology
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Namakkal Dist. - 637018, Tamilnadu



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04.01.2024

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Circular

The Third Internal Quality Assurance Cell (IQAC) meeting for the academic year 2023-2024 will be convened on **27.01.2024** at 10:00 am in **IQAC Board Room**. All the IQAC Members are hereby informed to attend the meeting without fail.

Agenda for the meeting is as below:

1. Review of previous minutes of meeting
2. Academic Calendar
3. Academic Audit
4. University Exam conduction process
5. Faculty Activities / Achievements
6. Research project proposals
7. Women Empowerment Cell Activities
8. Alumni talk series
9. Research and Development Activities
10. Students Activities / Achievements
11. Technical symposium
12. NPTEL / Online Courses
13. Cell / Committee activities
14. Department Activities
15. NSS/YRC Cell Initiatives
16. Any other matters.

Coordinator (IQAC)
COORDINATOR

Internal Quality Assurance Cell

Gnanamani College of Technology

Pachal (Po), Namakkal - 637 018.

1. The Chairman and The Chairperson - GEI for kind information
2. CAO - GEI
3. Governing Council
4. Academic Director, Dean-Chemical Sciences
5. Vice Principal
6. HODs / Professors- to be circulated to all faculty members
7. All IQAC Committee members
8. File

Chairperson

Principal

Gnanamani College of Technology,
NH-7, A.K.Samuthiram, Pachal Post
Namakkal Dist. - 637018, Tamilnadu

List of IQAC Committee members are as follows:

Details of Members	Representation
Dr. T.K.Kannan, Principal.	Chairperson
Dr.T.Arangannal, Chairman	Management Representative
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert
Dr.P.Premkumar, Chief Administrative Officer.	Member from Administration
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty
Dr.K.Chandramohan, Vice Principal / COE	
Dr.R.Umamaheswari, Professor and Head / CSE.	
Dr.J.Chandramohan, ASP and Head / EEE	
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.	
Mr.K.Soundhirarajan, HoD / Civil Engineering.	
Dr.C.Narayanan, Professor/English	
Mr.M.Stalin Jose, Office Faculty	
Mr.Rayappan Charles, Deputy Manager (Design)- Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru	Industry Expert
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopargaon, Maharashtra	Alumni Member
S.Balasurya, AI&DS/IV	Student Member
G.Yogeshkumar, EEE/IV	
C.Bharath, IT/ III	
V Sarathi, FT/IV	
K Jeevitha, BME/IV	
C Vemkatesan, VLSI/II	
Mr.N.K.Chythenyen, Proprietor, Green Connect Resource Management Solutions,Paarai Vattam,Alagapuram,Salem.	Local Society Member
Dr. S.Selvarajan, Professor / Computer Science and Engineering	IQAC Coordinator



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MINUTES OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Ref. No. GCT/IQAC--MoM /2023-2024/03


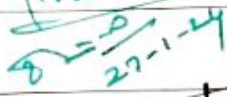

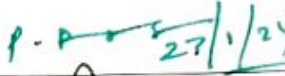






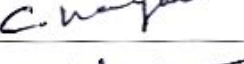

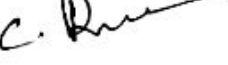
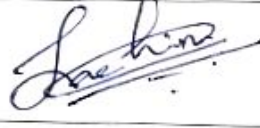




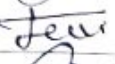

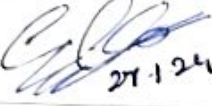

The **third IQAC meeting** for this academic year **2023-2024** was conducted on **27.01.2024** during 10 am - 1.00 pm at **IQAC Board Room**, Gnanamani College of Technology.

Dr. T.K.Kannan, **Chairperson**, welcomed the members of IQAC and set the context for the discussion meeting followed by review presentation made by Dr.S.Selvarajan, Professor, **Coordinator of IQAC**.

Agenda for discussion

1. Review of previous minutes of meeting
2. Academic Calendar
3. Academic Audit
4. University Exam conduction process
5. Faculty Activities / Achievements
6. Research project proposals
7. Women Empowerment Cell Activities
8. Alumni talk series
9. Research and Development Activities
10. Students Activities / Achievements
11. Technical symposium
12. NPTEL / Online Courses
13. Cell / Committee activities
14. Department Activities
15. NSS/YRC Cell Initiatives
16. Any other matters.

The following IQAC members had attended the meeting.

Details of Members	Representation	Signature
Dr. T.K.Kannan, Principal.	Chairperson	
Dr.T.Arangannal, Chairman	Management Representative	
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert	
Dr.P.Premkumar, Chief Administrative Officer.	Member from Administration	
Dr.B.Sanjay Gandhi, Academic Director	Members of Faculty	
Dr.K.Chandramohan, Vice Principal / COE		
Dr.R.Umamaheswari, Professor and Head / CSE.		
Dr.J.Chandramohan, ASP and Head / EEE		
Dr.N.Balakrishnan, Professor and Head / Mechanical Engineering.		
Mr.K.Soundhirarajan, HoD / Civil Engineering.		
Dr.C.Narayanan, Professor/English		
Mr.M.Stalin Jose, Office Faculty	Member from Office	
Mr.Rayappan Charles, Deputy Manager (Design)- Structural Design - Fuselage Group, Hindustan Aeronautics Ltd. Bengaluru	Industry Expert	
Dr.Sachin S Raj, Assistant Professor, Mechanical Engineering, Sanjivani College of Engineering, Kopargaon, Maharashtra.	Alumni Member	
S.Balasurya, AI&DS/IV	Student Member	
G.Yogeshkumar, EEE/IV		
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Mr.N.K.Chythenyen, Proprietor, Green Connect Resource Management Solutions, Paarai Vattam,Alagapuram, Salem.	Local Society Member	
Dr.S.Selvarajan, Professor / Computer Science and Engineering	IQAC Coordinator	

The following points were discussed

Review of previous minutes of IQAC Meeting and action taken report on the decisions of the previous meeting were readout with a formal discussion with all IQAC members. The minutes of meeting were approved by the IQAC members.

- The IQAC coordinator asked the Academic Council to prepare and submit the Academic Calendar for 2023-2024 even semester.
- The IQAC Committee insisted to conduct internal Academic Audit for the previous semester.
- The committee instructed controller of examinations for the smooth conduction of end semester examinations.
- The committee discussed about the innovative and creativity methods in teaching-learning process and tools during their course delivery to enhance the students learning capability.
- The committee instructed the faculty members to attend technical programs like webinars, FDP, online courses, STTPs and conferences etc to enhance the efficacy of knowledge in the domains of area of interest.
- Heads of various departments are requested to encourage the students to attend Webinars, Workshops, Conferences and Symposium at other technical institutions and also to take part in field projects, mini projects and internships to inculcate experimental and participative learning.
- The committee suggested all the HoD's to collaborate quality initiatives with other higher education institutions and industries through MOU or to set up Center of Excellence to augment knowledge and industry practices in 'the areas of expertise'.
- The Chairman of the Committee insisted to conduct Alumni meet, graduation day and placement day for this academic year.
- The Committee suggested to conduct Board of Studies meeting to discuss on installation of New Lab and Lab equipment for the new courses as per the regulation 2023 curriculum and review the preview meeting minutes.
- The Committee advised all the HoD's to conduct skill based technical programmes often like Workshops, seminar, FDP's and Guest lecturers for each department.
- The Chairman of IQAC encouraged our alumna to organize alumni talk series for the welfare of the students. In this series, the alumna address about upcoming trends in the modern industries, awareness program in placement opportunities.
- The Chairman of IQAC advised the head of the departments to motivate their faculty members to involve in R&D activities by publishing research papers in journals, Patent

publications, Conferences and by undertaking major and minor research projects from both Government and Non-Governmental funding agencies.

- The Chairman of the Committee insisted Entrepreneurship Development Cell to conduct an awareness programme on small-scale business for the students to become an entrepreneur.
- The Committee appreciated the faculty members those who have brought accolades to Institution through excellence and contribution as Chief Guest, Jury, Reviewer in reputed Journals, Best Teacher award or Young researcher award etc.,
- The IQAC Committee advised to purchase prescribed text books for the new courses as per the new regulation, Magazines and e-Journals and to complete the renewal process of all the subscriptions and membership for the benefit of both students and staff members.
- The Chairman of the Committee insisted Institution Innovation Council to conduct an programme to enhance quality development on all aspects.
- The IQAC Committee encouraged NSS/YRC Cell to concentrate on social welfare activities and awareness programme for rural people.
- The Committee insisted Placement and Training Cell to strengthen the quality of placements and to bring more numbers of reputed companies for On-campus placement drives. The committee insisted to conduct more number of training class to mold-up students for interview process.

IQAC Coordinator proposed the date for the next meeting and unanimously decided the tentative schedule during the month of April 2024.


Coordinator (IQAC)
COORDINATOR

Internal Quality Assurance Cell
Gnanamani College of Technology
Copy to: (Po), Namakkal - 637 018


Chairperson

Principal
Gnanamani College of Technology
NH-7, A.K.Samuthiram, Pachal Post
Namakkal Dist. - 637018, Tamilnadu

1. The Chairman and The Chairperson - GEI for kind information
2. CAO - GEI
3. Governing Council
4. Academic Director, Dean- Chemical Sciences
5. Vice Principal
6. Professors / HODs – to be circulated to all faculty members
7. All IQAC Committee members
8. File



GNANAMANI COLLEGE OF TECHNOLOGY (An Autonomous Institution)

(Affiliated to Anna University- Chennai, Approved by AICTE- New Delhi,
Accredited by NAAC with "A" grade and NBA)
N.H-7, A.K.Samuthiram, Pachal (PO), Namakkal-637018

IQAC - ACTION TAKEN REPORT

Ref. NO. GCT/IQAC--ATR /2023-2024/03

Action Taken Report is prepared on the decisions of the IQAC meeting held on 27.01.2024.
To implement the decisions of the above mentioned meeting of the IQAC, the following actions were taken:

Plan of Action	Action taken
Academic Calendar for Even Semester (2023-2024).	Academic Council Coordinator prepared Academic Calendar for 2023-2024 Even Semester in-line to the University.
Academic Audit	Internal Academic Audit was conducted between 20.03.2024 and 23.03.2024. Hods and senior professors were involved in audit as members and convener. The committee verified the report.
Alumni Talk Series	<ul style="list-style-type: none">• Department of Master of Computer Applications in association with IIC & Professional Bodies have organized an Alumni Talk Series on "Entrepreneur Skill + Industry Expert Lecture" on 24.02.2024.• Department of Electronics and Communication Engineering in association with IIC have organized an Alumni Talk Series "RTL TO GDSII" on 08.03.2024.• Department of Biomedical Engineering in association with IIC have organized an Alumni Talk Series on "Innovation and Entrepreneurship in Academic Institutions" on 15.03.2024.

<p>Outside Interaction</p>	<ul style="list-style-type: none"> • Dr.K.Anand, ASP/ECE, acted as a Speaker at Webinar on "Applications of Satellite Communication" in Thamirabharani Engineering College, on 28.02.2024
<p>Training and Placement Cell</p>	<p>Many companies visited the campus and recruited our students.</p> <ul style="list-style-type: none"> • In addition to that special training programs are conducted to enrich students' knowledge in interview aspects.
<p>Board of Studies (BoS)</p>	<p>Second BoS meeting were conducted on 23.02.2024 and 24.02.2024. The members reviewed the curriculum along with syllabus. The suggestions were incorporated.</p>
<p>The committee instructed the faculty members to attend technical programs like webinars, online FDP, online courses, STTPs and conferences etc to enhance the efficacy of knowledge in the domains of area of interest.</p>	<p>Faculty members from all the departments have attended the technical programs like webinars, online FDP, online courses, STTPs and conferences etc. to enhance the efficacy of knowledge in the domains of area of interest. Some of the details are given below:</p> <ul style="list-style-type: none"> • Mrs.P.Vaijyanthi, AP/ECE, attended SERB sponsored Two days National Level Seminar on "Semiconductor Technology for Healthcare Applications: From Microchips to Medical Devices" on 16.02.2024 & 17.02.2024, Muthayammal Engineering College. • Dr.T.Geetha, HOD/MCA, attended a workshop on "Semiconductor Technology for Healthcare Applications: From Microchips to Medical Devices" on 16.02.2024 & 17.02.2024 at Muthayammal Engineering College, sponsored by Science and Engineering Research Board (SERB). • Mr.M.S.Viswaksenan, Faculty of Chemistry, attended a Work shop on "X-RAY Diffraction and SEM Analysis of Deterioration reaction reates in Transformer Solid Insulation" at ACT

	<p>Academy, Kerala on 12.03.2024.</p> <ul style="list-style-type: none"> • Mrs.T.Elavarasi, AP/CSE, attended Workshop on "Intellectual Property Rights (IPR)" on 22.03.2024 & 23.03.2024 at Muthayammal College of Engineering, Rasipuram, Namakkal. • Mr.MG.Vinoth Arrun, AP/BME participated in 8 days FDP "Based Design Approach in Biomedical Engineering" during 04.03.2024-11.03.2024 at KSR Institute of Engineering and Technology, Chennai.
Books and Patent publication	<ul style="list-style-type: none"> • Mrs.A.Sangeetha, AP/CSE, published a book on "Python Programming" with Global Aasan Research publisher. • Dr S Gopinath, HOD/IT, published a patent on "An AI System for Real Time and Dynamic Management of Healthcare Device" Application No 202441008768 on 09.02.2024. • Dr.S.Krishnakumar, AP/ Mechanical, published a patent on "IoT based Agriculture Leaf Disease Identification Robot" on 20.02.2024
The Committee insisted the Alumni Association of the Institution.	Alumni Meet 2024 was conducted on April 7th, 2024. More than 350 alumna took participated and show their graduate to the institution and faculties.
Technical Symposium	<ul style="list-style-type: none"> • Department of ECE & EEE is organized A National Level Technical Symposium "ELECTRACOMMUNIX'24" on March 14, 2024. • Department of Science and Humanities is organized a one day National Level Technical Symposium "GNAN CHEMP 24" on 23rd March, 2024.
Promotion of ICT	Innovative and creativity methods were adapted in teaching-learning process to enhance learning capabilities of students and increasing knowledge.
The IQAC Committee requested the HoD's to motivate their department students to participate in various skill based learning programs under	<ul style="list-style-type: none"> • Final Year Students of the Department of Agricultural Engineering visited an Organic Farming and Research Institute in Mysore on

<p>other institution to enrich their technical skills in the recent technologies.</p>	<p>01.03.2024.</p> <ul style="list-style-type: none"> • Students from the third year of the B.Tech Pharmaceutical Technology program recently participated in an Industrial Visit to the Kerala Forest Research Institute in Trissur District, Kerala, on March 1, 2024. • Gokulnath S II year Mechanical Engineering underwent internship in PRS Tyres Limited, Rasipuram from 26.02.2024 to 06.03.2024 • Gangadharan S, Naveen A III year of Chemical Engineering underwent internship "Piping Technology" from 07.02.2024 to 7.03.2024 • Third-year and final-year B.Tech Chemical Engineering students embarked on a visit to Palazhy Latex Pvt Ltd on March 14, 2024. • Department of Mechanical Engineering is delighted to announce that our second-year students embarked on a one-day industrial visit to TNPL (Tamilnadu Newsprint and Paper Limited) in Karur on March 22, 2024. • MCA students embarked on a visit to the SMEC Automation PVT. LTD, Kerala on April 12, 2024.
<p>The Committee advised all the HoD's to conduct skill based technical programmes often like Workshops, Webinars, FDP's and Guest lecturers for each department.</p>	<ul style="list-style-type: none"> • "Career and Innovation Development Workshop for Biomedical Engineering Students", an insightful workshop conducted by the Department of Biomedical Engineering, in association with the IIC. The session was successfully conducted on 16.02.2024. • Department of Pharmaceutical Technology, in collaboration with the IIC, hosted a workshop titled "Commercialization and Technology Transfer in Pharmaceutical Industries: Artificial Intelligence and Machine Learning" on February 16, 2024 • Department of Food Technology in association

	<p>with IIC and EDC have organized one-day seminar on "Opportunities for Young Food Technologists to Choose Entrepreneurship in their Future Careers" on 20.02.2024.</p> <ul style="list-style-type: none"> • Department of Biomedical Engineering in association with IIC has organized a Guest Lecture on "Anatomy of Entrepreneur for Biomedical Engineering Students" on 02.03.2024. • Department of Biomedical Engineering in association with IIC have organized a Guest Lecture on "An Entrepreneurship Journey for Healthcare Industry" on 12.03.2024. • Department of Computer Science and Engineering in association with EDC, IIC & ISTE have organized a seminar on "Prototyping your Innovative Way into Web Design and Development" on 13.03.2024. • Mr.A. Eswaran, AP/ Mechanical, attended an 5 days-online FDP on "Energizing Sustainability Through Renewable Energy System" from 18.03.2024 to 22.03.2024 at Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur.
Professional Bodies	<p>Students from all departments enrol themselves with different professional bodies like ISTE, IET, ITET, SAEINDIA etc., for the enrichment of their career.</p> <ul style="list-style-type: none"> • Department of Computer Science and Engineering, in collaboration with IIC and ISTE, successfully hosted a seminar titled "Navigating Career Paths and Entrepreneurship" on February 10, 2024. • Department of Biotechnology in association with Biotech Research Society of India (BRSI) and Entrepreneurship Development Cell (EDC) have organized a Guest Lecture on "Bio-Oil

	<p>Extraction From Algal Biomass for Food and Bio-Diesel" on 24.02.2024.</p> <ul style="list-style-type: none"> • Department of Mechanical Engineering in association with IIC and ISTE have organized a one-day workshop on "Design of E-Vehicles" on 06.03.2024. • Department of Mechanical & Agricultural Engineering have organized an event on "ISHRAE Student Chapter Charter & Installation Ceremony" on 20.03.2024.
Funded Proposals	All the departments have applied for funded proposals under different schemes of Governmental and non-governmental funding bodies to inculcate.
The Committee discussed about the issues related to women and to make the college campus a safe place for women students and faculty members by organizing awareness programs for Female Students and Faculty through Women Empowerment Cell.	<ul style="list-style-type: none"> • Women Empowerment and Anti-Harassment cell has organized an Awareness Program on "Preventive Measure on Breast and Cervical Cancer" on 16.02.2024. • Women Empowerment and Anti-Harassment Cell is organized an awareness programme on "Women's Safety and Equality" on 08.03.2024.
Value Added Course	Department of Chemical Engineering conducted value added course on "Packing Technology" from 18.03.2024 to 20.04.2024.
The Chairman of IQAC advised the head of the departments to motivate their faculty members to involve in R&D activities	<p>Faculties from various departments have published papers in national and international journals, conferences, funded proposals etc. Some of the details are highlighted below:</p> <ul style="list-style-type: none"> • Mr.D.Vimalkumar, Faculty of Mechanical have registered Ph.D on March 2024. • Mr.D.Thangaraj AP/EEE have registered Ph.D on March 2024. • Dr Muralidharan M faculty of Biotechnology presented a paper entitled "Electro active biomaterial" in Biomaterials for advanced biological applications at Periyar University during 14.02.2024-16.02.2024.

- Dr.R.Nagarajan, Prof/EEE, published a journal in Scopus "Performance analysis of network coverage area in WSN using optimization techniques" in Computing intelligence system 299-313 & Feb 2024.
- Mrs.Roopa.D, AP/Civil, BME participated in Online FDP "Modelling and Simulation Soft wares in Civil Engineering" during 26.02.2024 to 02.03.2024 conducted by Sri Krishna College of Technology, Coimbatore.
- Dr.K.Anand, Faculty of ECE, presented a paper in International Conference on Research trends in AI & IoT for Infrastructure and Industry (AIII 2024) entitled "Wavelet Neural Learning based Fuzzy Controller BLDC motor" during 06.03.2024 to 08.03.2024 at Centre for Research, Anna University, Chennai.
- Dr.R.Arul, Faculty of Mathematics, presented a paper in "Mathematical modelling and computation" at PSGR-Krishnammal College for Women, Coimbatore on 14 & 15.03.2024.
- Mr. R.Praveen Kumar, AP/EEE, presented a paper in "Black Box Attacks Visual Model of Luminance Perception in Random Gamma Transformer" in International Conference on Engineering, Technology and Science at Muthayammal College of Engineering on 20.03.2024.
- Mr.A.Jeeva, AP/AI&DS, presented a paper entitled "Analyzing Ensemble Learning Techniques in Fraud Detection of Cryptocurrency" in International Conference on Recent Advancements in Management and Engineering Research (ICREAMER'24) on 22 & 23 March-2024 held at Dhanalakshmi Srinivasan College of Engineering and Technology ECR.

	Mamallapuram, Chennai.
The IQAC Committee advised to purchase prescribed text books for the course as per the new regulation, Magazines and e-journals and to complete the renewal process of all the subscriptions and membership for the benefit of both students and faculty members.	As per the new regulation prescribed text books Magazines and e-journals have been purchased and completed the renewal process of all the subscriptions and membership for the benefit of both students and faculty members.
Faculty Achievements	<ul style="list-style-type: none"> • Dr Muralidharan M faculty of Biotechnology awarded for Best oral presentation by Periyar University. • Mr. R.Guruprasath, AP/ECE, honored for Supporting in Evaluation of Students projects on NAAN MUDHALVAN IBM Professional Readiness for Innovation, Employability and Entrepreneurship program on Emerging Technology (Artificial Intelligence, Applied Data Science, Data Analytics, Internet of Things, Cloud App development) by IBM Career Education Program on 08.03.2024.
The IQAC Committee encouraged NSS/YRC Cell to concentrate on social welfare activities and awareness programme for rural people.	NSS and YRC units of our college, in collaboration with the Lions Club of Rasipuram and the Sri Gokulam Hospital Blood Bank in Salem, organized a blood donation camp on March 18, 2024;
Graduation Day & Placement Day	<ul style="list-style-type: none"> • 13th Graduation Day- Chief Guest of the ceremony was Honourable Justice Mr. N. Kirubakaran, a former Judge of the Madras High Court on April 7, 2024. • Sports Day was celebrated on 8th April 2024. Students and faculties were honored and awarded with medals and certifications. • Placement Day 2K24 organized on April 9, 2024. Offer letters were issued to all placed students.
Entrepreneurship Development Cell (EDC)	<ul style="list-style-type: none"> • Department of Electrical and Electronics Engineering in association with EDC & IIC have organized a seminar on "Entrepreneurship and

	<p>Innovation" on 14.02.2024.</p> <ul style="list-style-type: none"> • Department of Master of Business Administration in association with IIC have organized a workshop on "Entrepreneurship Skill, Attitude and Behaviour Development" on 15.02.2024. • Department of Electronics and Communication Engineering, in collaboration with EDC, IIC, and MSME, organized a seminar on "Entrepreneurship Awareness Programme" on 02.03.2024.
Higher Education Cell	<p>Department of Mechanical Engineering in association with Higher Education Cell and ISTE have organized a seminar on "Opportunities in Higher Education and Public Sector for Engineering Graduates" on 12.03.2024.</p>
Students Achievements	<ul style="list-style-type: none"> • R.Gowtham III year AI&DS won Second prize in paper presentation "Rapid Response Emergency Influencer" Sona College of Technology on 23.02.2024. • Devaazhagu M, Jeswin.J, and Ajay.I of Chemical Engineering won Third Prize in paper presentation "Study of Packing in Absorption Tower" at Annamalai University on 23.02.2024. • 1st year student Ms. K. Thilagavathi, Agriculture Engineering secured the 1st place in the Silambattam Competition at the State Level organised by Valvil Ori Silambattam Association held at Gnanodaya International School, Namakkal. • II year B.Tech Pharmaceutical Technology have been awarded the 3rd Prize at the "National Level One-Day Workshop on Exploring Protein Challenges: Veg vs Non-Veg in Millets Value Addition for Maintaining a Balanced Diet," which was held at Excel Engineering College

(Autonomous) in Namakkal on March 15th.

- Ms. R. Swetha from the Department of Computer Science and Engineering secured the 2nd place along with a cash prize in the Essay competition at the National Level held at Vidiyal Educational Trust, Thendral Fine Arts, Theni.

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Coordinator (IQAC)

COORDINATOR

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