



GNANAMANI COLLEGE OF TECHNOLOGY

(Affiliated to Anna University - Chennai, Approved by AICTE - New Delhi,
Accredited by NAAC, NBA & ISO 9001 : 2015 Certified Institution)
NH-7, A. K. SAMUTHIRAM, PACHAL (P.O), NAMAKKAL – 637 018

03.06.2020


INTERNAL QUALITY ASSURANCE CELL (IQAC)

Circular

The First Internal Quality Assurance Cell (IQAC) meeting for the academic year 2020-2021 will be convened on **17.06.2020** at 10:00 am through Google Meet (<https://meet.google.com/ntc-pggm-xoq>). 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. Review of Academic Calendar for 2020-21 odd semester
4. Merger of Gnanamani Institutions
5. Introduction of Institution's new Logo
6. COVID-19 Isolation Centre
7. NAAC Work progress
8. Approval of New Courses
9. Installation of New Lab and Equipments
10. Adaptation of Online classes
11. Faculty Activities & Achievements
12. Review of Admission process
13. Training and Placement Cell
14. Memorandum of Understanding
15. Research and Development Activities
16. Students Activities
17. Entrepreneurship Development Cell activities
18. Higher Education Cell Activities
19. Women Empowerment Cell Activities
20. Any other matters.


Coordinator (IQAC)


Chairperson

Copy to **COORDINATOR**

The Chairman and The Chairperson - GEI for kind information
Internal Quality Assurance Cell
Gnanamani College of Technology
Pachal (P.O), Namakkal - 637 018

4. Vice Principal – Administration & Vice Principal – Academic
5. Professors / HODs – to be circulated to all faculty members
6. All IQAC Committee members
7. File

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.	Members from Administration
Dr.K.Chandramohan, Vice Principal / Administration	Members of Faculty
Dr.R.Gandhi, Vice Principal / Academics	
Mrs.P.Sathyasutha, Assistant Professor / CSE	
Dr.G.Ranganathan, Professor / ECE	
Dr.M.Malarvizhi, Professor / EEE	
Mr.S.Saravanan, Assistant Professor / Mechanical Engineering	
Dr.T.Geetha, Professor / MCA	
Dr.L.Vinayagamoorthi, Professor / Maths	
Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering.	IQAC Coordinator
Mr.R.Sivaprakash, Senior Manager, CSG, Tata Communications, Nandambakkam, Chennai - 600089.	Nominee from Industry
P.Sakthiprasanth / EEE / 2016-2020 Batch.	Alumni Member
M.Karthi. / MCA / 2018-2020 Batch.	Student Member
K.Sukumar, CSE/ IV	
B.Balaji, CHEMICAL/ III	
T.Vishva, EEE/ IV	
R.Harini, CIVIL/ IV	
K.R.Varun, MBA/ II	Local Society Member
Mr.R.C.Rajakumaran, B.E., M.B.A., Treasurer, Kurinji Lions Club, Rasipuram.	



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MINUTES OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Ref. No. GCT/IQAC--MoM /2020-2021/01

The first IQAC meeting for this academic year 2020-2021 was conducted on 17.06.2020 during 10 am - 1.00 pm through Google Meet (<https://meet.google.com/ntc-pggm-xoq>).

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.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering and **Coordinator of IQAC**.

Agenda for discussion

1. Review of previous minutes of meeting
2. Academic Council Meeting
3. Review of Academic Calendar for 2020-21 odd semester
4. Merger of Gnanamani Institutions
5. Introduction of Institution's new Logo
6. COVID-19 Isolation Centre
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13. Training and Placement Cell
14. Memorandum of Understanding
15. Research and Development Activities
16. Students Activities
17. Entrepreneurship Development Cell activities
18. Higher Education Cell Activities
19. Women Empowerment Cell Activities
20. 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.	Members from Administration		
Dr.K.Chandramohan, Vice Principal / Administration	Members of Faculty		
Dr.R.Gandhi, Vice Principal / Academics			
Mrs.P.Sathyasutha, Assistant Professor / CSE			
Dr.G.Ranganathan, Professor / ECE			
Dr.M.Malarvizhi, Professor / EEE			
Mr.S.Saravanan, Assistant Professor / Mechanical Engineering			
Dr.T.Geetha, Professor / MCA			
Dr.L.Vinayagamoorthis, Professor / Maths			
Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering.		IQAC Coordinator	
Mr.R.Sivaprakash, Senior Manager, CSG, Tata Communications, Nandambakkam, Chennai - 600089.		Nominee from Industry	
P.Sakthiprasanth / EEE / 2016-2020 Batch.	Alumni Member		
M.Karthi. / MCA / 2018-2020 Batch.			
K.Sukumar, CSE/ IV	Student Member		
B.Balaji, CHEMICAL/ III			
T.Vishva, EEE/ IV			
R.Harini, CIVIL/ IV			
K.R.Varun, MBA/ II			
Mr.R.C.Rajakumaran, B.E., M.B.A., Treasurer, Kurinji Lions Club, Rasipuram.	Local Society Member		

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 meeting was conducted exclusively for assessing the NAAC work progress and online activities to be conducted during the lockdown.

- Academic Council Meeting is scheduled during the month of June to associate and finalize the various academic activities of the Institution for the Academic Year 2020-21 and to review the action taken of the previous Academic Council meeting.
- The committee reviewed the Institution Academic Calendar for the 2020-21 odd semester and given suggestions to conduct more online technical programs by individual departments.
- The committee discussed about the status of Merger between Gnanamani Educational Institutions and also had detailed discussions regarding subsequent processes to be carried out as per the norms of AICTE.
- The IQAC members had approved the Institution's new Logo design and spelling change in the name of the Institution from 'Gnanamani' to 'Gnyanamani' as per numerology constraints.
- The IQAC committee made a conversation about the ongoing Temporary Isolation Ward (Quarantine Centre) Accommodation for treating Corona Virus Disease Covid-19 suspected peoples continuing from 15.04.2020 onwards.
- The Committee discussed about the NAAC work progress and directed the NAAC coordinator to prepare a schedule to conduct criteria-wise online review meeting.
- The IQAC panel deliberated about the new courses approval status from AICTE, intake of each course, classroom availability, Faculty recruitment and laboratory set up.
- The Committee had a detailed discussion on installation of New Lab and Lab equipments for the new courses as per the regulation 2017 University curriculum. It was decided to prepare a department wise quotation for the list of companies in the market and move ahead to place purchase order after getting approval from Management.
- The committee advised the faculty members to use innovative teaching method and tools during their course delivery to enhance the students learning capability. It was also suggested to conduct the class using online platform in an effective manner as per the direction of the University. It was also added that Faculty should be able to use any available tool, launch quiz, incorporate puzzle, videos, polls etc.

- 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 recent technologies.
- The Committee reviewed the Admission process for the academic year 2020-2021, the merit scholarship and other fee concession for the welfare of the students.
- 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 instructed all HoD's to enable the students participating in online technical programs to get exposure in emerging technologies.
- The committee suggested to have MOU with the company, so that students will learn the industrial skills directly by visiting company, by getting internships and conducting various programmes like guest lectures, seminars and workshops.
- The Committee advised all the HoD's to conduct various programmes often like Workshops, Webinars, 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 encouraged HEC (Higher Education Cell) of the college to conduct an Awareness and Training programme for the final and pre-final year students.
- 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.
- 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 September 2020.



Coordinator (IQAC)



Chairperson

COORDINATOR

Internal Quality Assurance Cell
Gopamani 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. Vice Principal – Administration & Vice Principal – Academic
5. Professors / HODs – to be circulated to all faculty members
6. All IQAC Committee members
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IQAC - ACTION TAKEN REPORT

Ref. NO. GCT/IQAC--ATR /2020-2021/01

Action Taken Report is prepared on the decisions of the IQAC meeting held on **17.06.2020**. 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	Academic Council Meeting was conducted on 18.06.2020 and the minutes of the meeting were recorded. The Coordinator of Academic Council proposed the plan for the various academic activities of the Institution for the Academic Year 2020-21 and decided to get approval from IQAC.
The committee reviewed the Institution Academic Calendar for the 2020-21 odd semester and given suggestions to conduct more online technical programs by individual departments.	The effectiveness of the progress of the academic activities scheduled in the Academic Calendar was verified by the IQAC committee through audits and frequent follow-ups.
The committee discussed about the status of Merger between Gnanamani Educational Institutions and also had detailed discussions regarding subsequent processes to be carried out as per the norms of AICTE.	The Gnanamani College of Engineering is successfully merged with Gnanamani College of Technology during the Academic Year 2020-2021 to bring in more effective operation to meet external challenges and opportunities.
Approval of Institution's new Logo	The IQAC members had approved the Institution's new Logo design and spelling change in the name of the Institution from 'Gnanamani' to 'Gnyanamani' as per numerology constraints.
Temporary Isolation Ward (Quarantine Centre) Accommodation for Corona Virus Disease	Provided Temporary Isolation Ward (Quarantine Centre) Accommodation for treating Corona Virus

Covid-19 suspected peoples.	Disease Covid-19 suspected peoples during the period from 15.04.2020 to 31.08.2020. Around 1070 people got benefited from the Covid-19, 24x7 treatment.
The Committee discussed about the NAAC work progress and directed the NAAC coordinator to prepare a schedule to conduct criteria-wise online review meeting.	Criteria-wise online review meeting was conducted towards the data preparation and progress of NAAC work by the panel members which constituted Principal, IQAC Coordinator, NAAC Coordinator, HoD's and Criteria In-charges. Suggestions were given to ensure uniformity and validate the documents. Deadline dates were fixed to submit the hard copies of the supporting documents.
The IQAC panel deliberated about the new courses approval status from AICTE, intake of each course, classroom availability, Faculty recruitment and laboratory set up.	5 New UG courses Agricultural Engineering, Artificial Intelligence & Data Science, Biotechnology, Pharmaceutical Technology, and Robotics and Automation were introduced during the academic year 2020-2021.
The Committee had a detailed discussion on installation of New Lab and Lab equipments for the new courses as per the regulation 2017 University curriculum.	<ul style="list-style-type: none"> • Department of EEE installed Renewable Energy Systems Lab with overall cost of around Rs.1,50,000 /- for the benefit of Students. • Department of Food Technology installed Food Processing & Preservation Lab with overall cost of around Rs.9,00,000 /- for the benefit of Students.
The committee advised 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 quiz, puzzle, animated videos, polls etc. to make the session more interesting for the better learning of students.
Faculty participation in technical programs like webinars, online FDP, online courses, STTPs and conferences etc.,	<p>Faculty members from all the departments have attended for the FDPs, STTPs, Orientation Programs and other technical activities to enhance the efficacy of knowledge in the recent technologies.</p> <ul style="list-style-type: none"> • Mrs.B.Vanitha, AP/Chemistry attended a Webinar on "Advancement in Physical Chemistry" on

	<p>17.07.2020 organized by Mahendra Institute of Technology, Namakkal.</p> <ul style="list-style-type: none"> • Mr.M.Ramesh Babu, AP/English delivered a Guest Speaker on “The Key role of Communication Skills in the life of Professionals” on 06.09.2020 organized by INLIT Academy. • Mr.R.Poomurugan, AP/ECE and Mrs.P.Thenmozhi, AP/ECE attended an Online Course on “Artificial Intelligence” on 05.07.2020 at Department of Computer Technology, Sri Krishna Adithya College of Arts and Science, Coimbatore.
<p>The Committee reviewed the Admission process for the academic year 2020-2021, 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 2020-2021.</p>
<p>Training and Placement Cell</p>	<ul style="list-style-type: none"> • Training and Placement Cell submitted a tentative placement plan for the academic year 2020-2021 to IQAC. 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>The committee instructed all HoD’s to enable the students participating in online technical programs to get exposure in emerging technologies.</p>	<p>Students from all the departments have participated in the technical and non-technical programs conducted by other Institutions. Some of the details are highlighted below:</p> <ul style="list-style-type: none"> • 14 Students from Department of Food Technology attended a Webinar on “Nutri- Health Gardens Sustainable Models for Food and Nutrition” on 25.09.2020. • V Gokul and P Aravindsamy from Department of Biomedical Engineering attended a Webinar on “Basics of Mechanical Ventilator” at Avinashilingam Institute for Home Science and

	<p>Higher Education for Women on 17.06.2020.</p> <ul style="list-style-type: none"> • S Gokulraj and A Gokul from Department of Biomedical Engineering attended a Webinar on “Medical Oxygen Concentrator” at AISSMS Institute of Information Technology on 27.06.2020. • Mr.R.Sathyakumar II/MBA had undergone an internship training from 08.06.2020 to 22.07.2020 at District Co-Operative Milk Producers Union, Salem.
<p>The committee suggested to have MOU with the company, so that students will learn the industrial skills directly by visiting company, by getting internships and conducting various programmes like guest lectures, seminars and workshops.</p>	<ul style="list-style-type: none"> • Made Memorandum of Understanding with Dhronav Infotech, Namakkal on 19.09.2020 for providing Customized, Client-specific training programs. • Made Memorandum of Understanding with Wspl Hosting Solutions, Tiruchengode on 19.09.2020 for providing Project Oriented Training Programme. • Department of ECE Signed MoU with Prayoga Technologies, Erode on 20.02.2020 for the duration of 5 Years. • Department of Mech Installed a CoE – CNC Lathe Laboratory under AICTE – MODROBS on 12.02.2020 for the duration of 2 Years.
<p>The Committee advised all the HoD’s to conduct various programmes often like Workshops, Webinars, FDP’s and Guest lecturers for each department.</p>	<p>All the departments have organized Skill development programs such as Webinars, Guest lectures, Workshops, Project Presentation, Value added courses, and Non-technical events for overall development of students. Some of the activities are given below:</p> <ul style="list-style-type: none"> • Department of Biomedical Engineering organized a Webinar on “Advance in Telemedicine and Telerehabilitation” on 15.07.2020 where 97 students participated and got benefited. • Department of Civil Engineering organized a

	<p>Webinar on “Effective Stress in Soil Mechanics” on 08.07.2020 where 27 students participated and got benefited.</p> <ul style="list-style-type: none"> • Department of Electrical and Electronics Engineering organized a Webinar on “Power Electronics Technology: Emerging Trends and Future Outlook” on 10.07.2020 where 95 students participated and got benefited. • Department of Electronics and Communication Engineering organized a Webinar on “Routing & Switching Concepts in data Communication –A closer look” on 08.07.2020 where 78 students participated and got benefited. • Department of Food Technology organized a Webinar on “Agro Nutrition-Love of nature + its cure” on 05.09.2020 where 90 students participated and got benefited. • Department of Physics organized a Webinar on “Nano-Structured Materials for Potential Applications” on 20.08.2020 where 73 students participated and got benefited.
<p>The Chairman of IQAC advised the head of the departments to motivate their faculty members to involve in R&D activities.</p>	<p>Faculties from various departments have published papers in national and international journals, conferences etc.</p> <ul style="list-style-type: none"> • Mr.Sachin S Raj applied for a funding proposal to DST under the title “Transformation of inedible agro residues into eco-friendly composite products for commodity applications” on 15.06.2020. • Mr.S.Saravanan and Mr.C.Thiruvassagam from Mechanical Department completed their Ph.D on 25.06.2020 and 14.08.2020 respectively. • Dr.R.Umamaheswari, HoD/CSE published a paper entitled “Online Credit Card Fraud Detection” on September 2020 in E-Commerce - International Journal of Innovative Research in

	<p>Computer and Communication Engineering, Volume 8, Issue 8, ISSN NO:2320-9801.</p> <ul style="list-style-type: none"> • Mr.M.S.Sabari, AP/CSE published a paper entitled "IOT Based Smart Video Surveillance System" on September 2020 in IJARIE, Volume 6, Issue 5, 2020. • Mr.Sachin S Raj, AP/Mech and Dr.Kannan T K, Principal/GCT had published a Scopus indexed Journal entitled "Influence of Prosopis Juliflora wood flour in Poly Lactic Acid- Developing a novel Bio-Wood Plastic Composite", in Polimeros- Ciencia e tecnologia, Vol. 30, No. 1, e2020012 on 24.08.2020. • Mr.Sachin S Raj, AP/Mech published a Patent on Handy Sanitizer Dispenser on 10.07.2020 with Application number: 202041028733 and Status : Published. • Conducted a Webinar on "Research Methodology" on 16.07.2020 through IPR Cell of the Institution.
<p>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.</p>	<p>Entrepreneurship Development Cell organized an online Awareness Programme on "Investment Portfolios for Young Minds" on 16.08.2020.</p>
<p>The committee encouraged HEC (Higher Education Cell) of the college to conduct an Orientation / Awareness programme for the final and pre-final year students.</p>	<p>Higher Education Cell organized an Orientation Session For UPSC Competitive Exams for the final and year students on 15.09.2020.</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>	<p>Women Empowerment Cell organized an awareness programme on "Women Safety and Security" on 18.09.2020 where around 200 Female Students and Faculty members attended and got benefited.</p>

<p>The IQAC Committee encouraged NSS/YRC Cell to concentrate on social welfare activities and awareness programme for rural people.</p>	<ul style="list-style-type: none">• 74th Independence Day Celebration was organized on 15.08.2020 through NSS / YRC Cell.• A Swatchh Bharath - Temple Cleaning programme was organized at A.K.Samuthiram Village through NSS cell on 05.09.2020 where 50 student volunteers attended the camp.
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Coordinator (IQAC)

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



Chairperson



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14.09.2020

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Circular

The Second Internal Quality Assurance Cell (IQAC) meeting for the academic year 2020-2021 will be convened on **25.09.2020** at 10:00 a.m 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. Review of NAAC Criteria Work
3. NAAC AQAR 2019-2020
4. Academic Council Meeting
5. Review of Online Classes
6. First Year Class Inauguration
7. Internal and University Exam pattern
8. Center of Excellence / MoU
9. Research and Development Activities
10. Department Activities
11. Faculty Development Programme
12. Faculty Activities & Achievements
13. Student's Activities
14. Entrepreneurship Development Cell activities
15. Promotion of ICT
16. Alumni Association Activities
17. YRC/NSS Activities
18. Any other matters.


Coordinator (IQAC)

Copy to **COORDINATOR**

Internal Quality Assurance Cell The Chairperson - GEI for kind information
Gnanamani College of Technology
Pachal (P.O), Namakkal - 637 018

4. Vice Principal – Administration & Vice Principal – Academic
5. Professors / HODs – to be circulated to all faculty members
6. All IQAC Committee members
7. File


Chairperson

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.	Members from Administration	
Dr.K.Chandramohan, Vice Principal / Administration	Members of Faculty	
Dr.R.Gandhi, Vice Principal / Academics		
Mrs.P.Sathyasutha, Assistant Professor / CSE		
Dr.G.Ranganathan, Professor / ECE		
Dr.M.Malarvizhi, Professor / EEE		
Dr.S.Saravanan, Assistant Professor / Mechanical Engineering		
Dr.T.Geetha, Professor / MCA		
Dr.L.Vinayagamoorthis, Professor / Maths		
Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering.		IQAC Coordinator
Mr.R.Sivaprakash, Senior Manager, CSG, Tata Communications, Nandambakkam, Chennai - 600089.		Nominee from Industry
P.Sakthiprasanth / EEE / 2016-2020 Batch.	Alumni Member	
M.Karthi. / MCA / 2018-2020 Batch.		
K.Sukumar, CSE/ IV	Student Member	
B.Balaji, CHEMICAL/ III		
T.Vishva, EEE/ IV		
R.Harini, CIVIL/ IV		
K.R.Varun, MBA/ II		
Mr.R.C.Rajakumaran, B.E., M.B.A., Treasurer, Kurinji Lions Club, Rasipuram.	Local Society Member	



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MINUTES OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Ref. NO. GCT/IQAC--MoM /2020-2021/02

The **second IQAC meeting** for this academic year **2020-2021** was conducted on **25.09.2020** at 10 am - 1.00 pm in **IQAC Board Room**, Gnanamani College of Technology.

Dr. T.K.Kannan, **Chairperson**, welcomed the members of IQAC meeting and set the context for the discussion followed by review presentation given by Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering & **Coordinator of IQAC**.

Agenda for discussion

1. Review of previous minutes of meeting
2. Review of NAAC Criteria Work
3. NAAC AQAR 2019-2020
4. Academic Council Meeting
5. Review of Online Classes
6. First Year Class Inauguration
7. Internal and University Exam pattern
8. Center of Excellence / MoU
9. Research and Development Activities
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12. Faculty Activities & Achievements
13. Student's Activities
14. Entrepreneurship Development Cell activities
15. Promotion of ICT
16. Alumni Association Activities
17. YRC/NSS Activities
18. Any other matters.

The following IQAC members had attended the meeting.

Details of Members	Representation	Signature
Dr. T.K.Kannan, Principal.	Chairperson	<i>T.K.Kannan</i> 25/09/20
Dr.T.Arangannal, Chairman.	Management Representative	<i>T.Arangannal</i>
Dr.K.Sakunthala, Assistant Professor, Department of Mechanical Engineering, Government College of Engineering, Salem.	Academic Expert	<i>Sakunthala</i>
Dr.P.Premkumar, Chief Administrative Officer.	Members from Administration	<i>P.Premkumar</i>
Dr.K.Chandramohan, Vice Principal / Administration	Members of Faculty	<i>K.Chandramohan</i> 25/9/2020
Dr.R.Gandhi, Vice Principal / Academics		<i>R.Gandhi</i>
Mrs.P.Sathyasutha, Assistant Professor / CSE		<i>P.Sathyasutha</i> 25/9/20
Dr.G.Ranganathan, Professor / ECE		<i>G.Ranganathan</i>
Dr.M.Malarvizhi, Professor / EEE		<i>M.Malarvizhi</i> 25/9/20
Dr.S.Saravanan, Assistant Professor / Mechanical Engineering		<i>S.Saravanan</i> 25/9/20
Dr.T.Geetha, Professor / MCA		<i>T.Geetha</i>
Dr.L.Vinayagamoorthi, Professor / Maths		<i>L.Vinayagamoorthi</i>
Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering.	IQAC Coordinator	<i>R.C.Karpagalakshmi</i> 25/9/20
Mr.R.Sivaprakash, Senior Manager, CSG, Tata Communications, Nandambakkam, Chennai - 600089.	Nominee from Industry	<i>Sivaprakash</i>
P.Sakthiprasanth / EEE / 2016-2020 Batch.	Alumni Member	<i>P.Sakthiprasanth</i>
M.Karthi. / MCA / 2018-2020 Batch.		<i>M.Karthi</i>
K.Sukumar, CSE/ IV	Student Member	<i>K.Sukumar</i>
B.Balaji, CHEMICAL/ III		<i>B.Balaji</i>
T.Vishva, EEE/ IV		<i>T.Vishva</i>
R.Harini, CIVIL/ IV		<i>R.Harini</i>
K.R.Varun, MBA/ II		<i>K.R.Varun</i>
Mr.R.C.Rajakumaran, B.E., M.B.A., Treasurer, Kurinji Lions Club, Rasipuram.	Local Society Member	<i>R.C.Rajakumaran</i> 25/9/20

The following points were discussed

Review of previous minutes of IQAC Meeting and action taken report were presented before the panel members on the decisions of the previous meeting. The last IQAC meeting was held on 17.06.2020 at 10:00 a.m. The minutes of meeting were approved by the IQAC members.

- The IQAC committee reviewed the work progress of preparation of NAAC Self Study Report (SSR) and also given directions to complete the same well before the deadline.
- The Committee discussed about the NAAC AQAR preparation for the academic year 2019-2020 and directed to upload the same before the end of December 2020.
- The IQAC committee scrutinized the minutes of Academic Council Meeting conducted on 18.06.2020 and given directions to implement the various activities planned by the Standing Committee of the Academic Council.
- The Chairperson of IQAC had insisted all the HoD's to closely monitor the online classes, student's attendance, syllabus completion, usage of quizzes, puzzles and animated videos etc., to enhance the students learning capability.
- The committee discussed about first year inaugural ceremony for the academic year 2020-21 during the Covid situation, mode of organizing the Fresher's Day, Motivational Speaker and subsequent online classes as per the direction from University.
- The IQAC Coordinator advised all the HoD's to follow MCQ type of questions for the internal exams as per University guidelines. To train the students to practice for University semester exam, all the subject handling faculty members are directed to prepare unit-wise MCQ type questions along with answers and circulate to students.
- The committee suggested all the HoD's to link MOU with the company or to set up Center of Excellence to augment knowledge and industry practices in 'the areas of expertise'.
- The chairman of IQAC encouraged the research potential of the faculty members and also motivated them to apply for major and minor innovative projects, funded proposals and research grants from government and other funding agencies.
- The Committee advised all the HoD's to organize the skill development programs like Webinars, Workshops, Guest Lectures, Hands on session, Value Added Courses etc under each department for the students to get exposure in emerging technologies.
- The IQAC committee encouraged the Heads of all departments to conduct AICTE sponsored Faculty Development Programme (FDP) or Short Term Training Program (STTP) on the modern technologies to enable the faculty members becoming expert in their respective fields.

- The Coordinator of IQAC advised the heads of all departments to motivate their senior professors and faculty members to attend technical programs like webinars, online FDP, online courses, STTPs and conferences etc to enhance the efficacy of knowledge in the recent technologies.
- 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.
- The Committee suggested to conduct some awareness / orientation and training programme for promoting the student's innovative ideas through Entrepreneurship Development Cell.
- Innovative and creativity methods were adapted in teaching-learning process to enhance learning capabilities of students and increasing knowledge.
- The Committee insisted the Alumni Association of the Institution to conduct orientation and training programs to their junior friends on various emerging topics to enhance their skills and to create awareness on employment opportunities.
- The Committee suggested to conduct Social Welfare Activities and awareness programme for rural people through NSS and YRC cell.

IQAC Coordinator proposed the date for the next meeting and unanimously decided the tentative schedule during the month of December 2020.


Coordinator (IQAC)

COORDINATOR

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


Chairperson

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



GNANAMANI COLLEGE OF TECHNOLOGY

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NH-7, A. K. SAMUTHIRAM, PACHAL (P.O), NAMAKKAL – 637 018

IQAC - ACTION TAKEN REPORT

Ref. NO. GCT/IQAC--ATR /2020-2021/02

Action Taken Report is prepared on the decisions of the IQAC meeting held on **25.09.2020**. To implement the decisions of the above mentioned meeting of the IQAC, the following actions were taken:


Plan of Action	Action taken
The IQAC committee reviewed the work progress of preparation of NAAC Self Study Report (SSR) and also given directions to complete the same well before the deadline.	NAAC Self Study Report (SSR) was verified completely along with the supporting documents (hard copy) through frequent criteria meetings and follow-ups and advised the criteria in-charges to maintain the documents in a file, scan individual pages to make soft copies for the same.
The Committee discussed about the NAAC AQAR preparation for the academic year 2019- 2020 and directed to upload the same before the end of December 2020.	The NAAC AQAR for the academic year 2019 -2020 was verified by the IQAC Committee and uploaded on December 2020.
IQAC committee scrutinized the minutes of Academic Council Meeting conducted on 18.06.2020 and given directions to implement the various activities planned.	Approval was given by the IQAC committee on the matters pertaining to the academic activities of the college and directions were given to implement the various activities planned by the Standing Committee of the Academic Council.
Review of Online Classes	The IQAC Committee verified that the online classes are being taken effectively through the common digital platform (Google Meet), student's attendance, syllabus completion, usage of quizzes, puzzles, animated videos and MCQ Question bank etc., through frequent audits and follow-ups.
First year inaugural ceremony for the academic year 2020-21	First year class for the AY 2020-2021 was commenced on 09.11.2020 as Induction Program.

	Bridge Course for the First Year was conducted from 18.11.2020 to 26.11.2020.
Internal and University Exam pattern	Internal Exams were conducted in MCQ pattern through online mode. The question paper was set for 50 marks in multiple choice question pattern.
Center of Excellence / MoU	Department of EEE signed MoU with Ohmtronixs Complete Lab Solution on 06.11.2020 for the duration of 5 Years.
Research and Development Activities	<p>All the departments have applied for funded proposals under different schemes of Governmental and non-governmental funding bodies to inculcate research culture among the faculty and students. For instance</p> <ul style="list-style-type: none"> • Dr.N.Balakrishnan, HoD/Mech had applied for a funding proposal to AICTE - ATAL for organizing a FDP under the topic "Sensor Technology for Industrial Applications" from 05.10.2020 to 09.10.2020.
Department Activities	<p>All the departments have organized Skill based technical and non-technical programs for the benefit of both students and faculty to get updated in the emerging technologies. Some of the activities are given below:</p> <ul style="list-style-type: none"> • Department of ECE organized a Webinar on "MATLAB and it's Applications" on 03.10.2020 where 76 students had attended and got benefited. • Department of MCA organized a Webinar on "Hybrid Mobile App Development" on 17.11.2020 through MOU signed Industry where 92 students had attended and got benefited. • Department of Mech organized a Webinar on "Advancement in IC Engines" on 07.11.2020 where 80 students had attended and got benefited. • Department of Biomedical Engineering organized a Webinar on "Basic Opportunities and Benefits of Biomedical Engineering" on 17.10.2020 where 99 students had attended and got benefited. • Department of Chemistry organized a Webinar on

	<p>“Photodegradation using Nano-particles” on 16.10.2020 where 68 students had attended and got benefited.</p> <ul style="list-style-type: none"> • Department of English organized a Webinar on “Practical ways to Develop English Communication” on 10.12.2020 where 140 students had attended and got benefited. • Department of Civil Engineering organized a Webinar on “Artificial Neural Networks in Water Resources Applications” on 19.10.2020.
<p>Funded Faculty Development / Orientation Programmes</p>	<p>All the departments had applied for AICTE sponsored Faculty Development / Orientation Programme (FDP) or Short Term Training Program (STTP) on the modern technologies to enable the faculty members becoming expert in their respective fields. For Instance</p> <ul style="list-style-type: none"> • Department of Mechanical Engineering Organized a 5 Day online ATAL Faculty Development Programme on “Sensor Technology in Industrial Applications” from 05.10.2020 to 09.10.2020 through the fund received from AICTE.
<p>Faculty Activities</p>	<p>Faculty members from all the departments have attended for the FDPs, STTPs, Orientation Programs and other technical activities to enrich their skill sets on recent technologies. Some of the examples are mentioned below:</p> <ul style="list-style-type: none"> • Mr.S.Gopinath AP/CSE, Mr.A.Gopalakrishnan, AP/CSE, Mrs.J.Gayathri AP/CSE, Mrs.P.Sathyasutha AP/CSE and Ms.K.Hemalatha AP/CSE attended a One week online ATAL FDP on “Computer Science & Biology”, organized by S. R. M Institute of Science and Technology, Chennai from 02.11.2020 to 06.11.2020. • Mrs.P.Thenmozhi AP/ECE, Mrs.M.Vasanthi AP/ECE and Mrs.P.Sasipriya AP/ECE attended a AICTE ATAL FDP on “Artificial Intelligence” from 15.10.2020 to 19.10.2020 organized by KIIT Deemed to be


	University.
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>Students from all the departments participated in skill development programs in other institutions to enrich their technical skills in the recent technologies. Some of the details are given below:</p> <ul style="list-style-type: none"> • 8 Students from Department of Food Technology attended a Webinar on "Importance of Millet in Human Nutrition and Value Addition through Processing" on 13.10.2020. • A.Gokul from Department of Biomedical Engineering had undergone an Internship training at Unschool, Hyderabad as Educational Consultant from 21.09.2020 TO 17.10.2020.
The Committee insisted the Alumni Association of the Institution to conduct orientation and training programs to their junior friends on various emerging topics to enhance their skills and to create awareness on employment opportunities.	Organized a Job oriented training programme on "Cloud Computing and Micro services using Kubernetes and Docker" handled by Mr.P.Tamilselvan, DevOps Engineer, ZippyOPS Consultancy Service, Chennai on 10.10.2020.
The Committee suggested to conduct some awareness / orientation and training programme for promoting the student's innovative ideas through Entrepreneurship Development Cell.	<ul style="list-style-type: none"> • Conducted an Awareness Programme "C.U.R.E to overcome Post - Covid Phase" on 06.10.2020 through Entrepreneurship Development Cell. • Organized a Webinar on "Opportunities and Development of Electric Vehicles" on 11.11.2020 for the students to become a successful technopreneur / Innovator.
Promotion of ICT	<p>Innovative and creativity methods were adapted in teaching-learning process to enhance learning capabilities of students and increasing knowledge.</p> <ul style="list-style-type: none"> • Conducted an Orientation Programme on "Role of ICT in Engineering Education" on 17.10.2020.
YRC and NSS Activities	<ul style="list-style-type: none"> • Organized a Medical Camp at Pachal Village on 16.10.2020 through NSS/YRC Cell where 30 of our students supported as volunteers. • Conducted a "Digital India Awareness Programme" on 06.11.2020 through NSS Cell.

	<ul style="list-style-type: none"> • Organized National Constitution Day celebration on 26.11.2020 through NSS Cell. • Arranged for Tree Plantation at Pachal village on 09.12.2020 through NSS Cell. • Conducted a Human Right's Awareness program on 10.12.2020 through NSS Cell.
Books and Journal Publications	<p>Faculty members from various departments have published National / International Journals, Books and Conferences. For example</p> <ul style="list-style-type: none"> • Dr.R.Umamaheswari, HoD/CSE and Dr.R.C.Karpagalakshmi, Professor/CSE published a journal paper entitled "An Android Application for Smart Attendance Management System by using Face Recognition" in the Journal of Engineering Science, Volume 11, Issue 11, ISSN NO: 0377 - 9254 on November 2020. • Mr.Sachin S Raj AP/Mech and Dr.Saravanan S, AP/Mech had published a Scopus indexed Journal entitled "Theoretical Design, Material study and Material Selection for Compact Linear Fresnel Reflector Concentrating System", in the Materials Today: Proceedings, Vol. 45, pp. 1671-1678 on 29.09.2020. • Dr.C.Thiruvassagam AP/Mech and Dr.S.Saravanan AP/Mech had published a book under the title "Dual Fiber Reinforced Composites using Automotive Materials" with ISBN number: 9788194734338 in the year 2020.
Faculty Achievements	<p>Many of our faculty members were given credentials by receiving awards and honorarium for their excellence and contribution as Chief Guest, Jury, Reviewer in reputed Journals, Best Teacher award or Young researcher award etc., For instance,</p> <ul style="list-style-type: none"> • Dr.T.K.Kannan, Principal/GCT has become one of the Anna University – Academic Council Member. • Dr.C.Thiruvassagam, AP/Mech delivered a Guest Lecture on "Energy, Economics and Environmental issues of Power Plant" at Narasu's Sarathy Institution, Salem on 29.10.2020.


Coordinator (IQAC)

COORDINATOR

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


Chairperson



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03.12.2020

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Circular

The Third Internal Quality Assurance Cell (IQAC) meeting for the academic year 2020-2021 will be convened on **16.12.2020** at 10:00 a.m 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. NAAC SSR Work Progress
3. IIQA Uploading Work
4. Administrative and Academic Audit
5. University Online Semester Exam
6. Women Empowerment Cell Activities
7. Higher Education Cell Orientation Programs
8. NSS and YRC Cell Activities
9. EDC Activities
10. Placement and Training Cell
11. Installation of New Lab and Equipments
12. Faculty Activities
13. Industrial training / Internships
14. Departmental Activities
15. Library Requirements
16. Research project proposals
17. Any other matters.

Coordinator (IQAC)

COORDINATOR

Copy to:

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. Vice Principal – Administration & Vice Principal – Academic

5. Professors / HODs – to be circulated to all faculty members

6. All IQAC Committee members

7. File

Chairperson

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.	Members from Administration
Dr.K.Chandramohan, Vice Principal / Administration	Members of Faculty
Dr.R.Gandhi, Vice Principal / Academics	
Mrs.P.Sathyasutha, Assistant Professor / CSE	
Dr.G.Ranganathan, Professor / ECE	
Dr.M.Malarvizhi, Professor / EEE	
Dr.S.Saravanan, Assistant Professor / Mechanical Engineering	
Dr.T.Geetha, Professor / MCA	
Dr.L.Vinayagamoorthi, Professor / Maths	
Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering.	
Mr.R.Sivaprakash, Senior Manager, CSG, Tata Communications, Nandambakkam, Chennai - 600089.	Nominee from Industry
P.Sakthiprasanth / EEE / 2016-2020 Batch.	Alumni Member
M.Karthi. / MCA / 2018-2020 Batch.	
K.Sukumar, CSE/ IV	Student Member
B.Balaji, CHEMICAL/ III	
T.Vishva, EEE/ IV	
R.Harini, CIVIL/ IV	
K.R.Varun, MBA/ II	
Mr.R.C.Rajakumaran, B.E., M.B.A., Treasurer, Kurinji Lions Club, Rasipuram.	Local Society Member



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MINUTES OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Ref. NO. GCT/IQAC--MoM /2020-2021/03

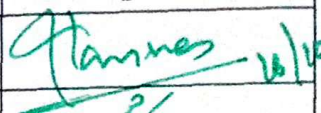





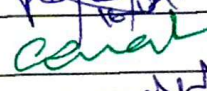
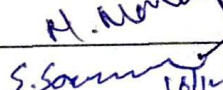
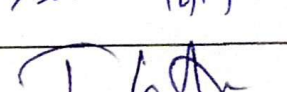
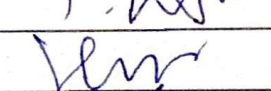

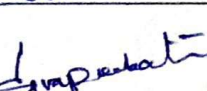
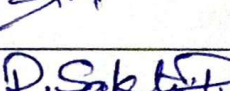
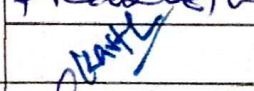
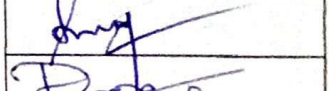
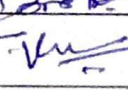
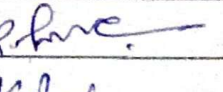
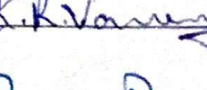
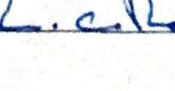



The **Third IQAC meeting** for the academic year **2020-2021** was conducted on **16.12.2020** at 10 am - 1.00 pm in **IQAC Board Room**, Gnanamani College of Technology.

Dr.T.K.Kannan, **Chairperson**, welcomed the members of IQAC meeting and set the context for discussion followed by review presentation delivered by Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering and **Coordinator of IQAC**.

Agenda for discussion

1. Review of previous minutes of meeting
2. NAAC SSR Work Progress
3. IIQA Uploading Work
4. Administrative and Academic Audit
5. University Online Semester Exam
6. Women Empowerment Cell Activities
7. Higher Education Cell Orientation Programs
8. NSS and YRC Cell Activities
9. EDC Activities
10. Placement and Training Cell
11. Installation of New Lab and Equipments
12. Faculty Activities
13. Industrial training / Internships
14. Departmental Activities
15. Library Requirements
16. Research project proposals
17. Any other matters.

The following IQAC members had attended the meeting.

Details of Members	Representation	Signature	
Dr. T.K.Kannan, Principal.	Chairperson	 16/12/20	
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.	Members from Administration		
Dr.K.Chandramohan, Vice Principal / Administration	Members of Faculty	 16/12/2020	
Dr.R.Gandhi, Vice Principal / Academics			
Mrs.S.Sathyasutha, Assistant Professor / CSE		 16/12/20	
Dr.G.Ranganathan, Professor / ECE			
Dr.M.Malarvizhi, Professor / EEE			
Dr.S.Saravanan, Assistant Professor / Mechanical Engineering		 16/12/20	
Dr.T.Geetha, Professor / MCA			
Dr.L.Vinayagamoorthis, Professor / Maths			
Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering.		IQAC Coordinator	 16/12/20
Mr.R.Sivaprakash, Senior Manager, CSG, Tata Communications, Nandambakkam, Chennai - 600089.		Nominee from Industry	
P.Sakthiprasanth / EEE / 2016-2020 Batch.	Alumni Member		
M.Karthi. / MCA / 2018-2020 Batch.			
K.Sukumar, CSE/ IV	Student Member		
B.Balaji, CHEMICAL/ III			
T.Vishva, EEE/ IV			
R.Harini, CIVIL/ IV			
K.R.Varun, MBA/ II			
Mr.R.C.Rajakumaran, B.E., M.B.A., Treasurer, Kurinji Lions Club, Rasipuram.	Local Society Member	 16/12/20	

The following points were discussed

Review of previous minutes of IQAC Meeting held on **25.09.2020** at 10:00 a.m and the action taken report were presented before the committee members for the decisions of the previous meeting. The minutes of meeting were readout with a formal discussion with all IQAC members. The minutes of meeting were approved by the IQAC members.

- The Chairman of IQAC instructed the HoD's and criteria in-charges to submit the status of NAAC SSR work progress. It was planned to conduct Criteria wise review with the supporting documents (both hard copy and scanned copy) before the uploading of documents in the NAAC website.
- The committee reviewed and finalized document preparation of Institutional Information for Quality Assessment (IIQA) and asked the NAAC Coordinator to upload it in the website immediately.
- The Committee made detailed discussion about the Schedule and panel member selection for the Administrative and Academic Audit to be held by the month of March 2021.
- The IQAC committee discussed about the University online semester exam to be commenced from January 2021 onwards. It was planned to give detailed instructions about the online exam to the students through exam cell.
- The committee discussed about the issues related to women and to make the college campus a safe place for women students and faculty members. It was decided to conduct guest lectures, seminars, awareness programme and other welfare activities aiming at intellectual and social upliftment of the female students through Women Empowerment Cell.
- The committee encouraged HEC (Higher Education Cell) of the college to conduct some Awareness and Training programme for the final and pre-final year students.
- The committee suggested to conduct IQAC audit frequently to find the deviations in the academic activities planned and also to ensure quality in teaching learning process.
- The IQAC coordinator insisted NSS and YRC cell to organize various social responsibility activities for local people in an around our campus.
- The Committee discussed about the installation of New Lab and Lab Equipments for the higher semester of certain departments and asked the concerned HoD's to prepare and submit the Quotation.
- The Chairman of IQAC motivated the EDC cell to conduct more orientation or hands on training programs about entrepreneurship for the benefits of Students.
- The Committee insisted Placement and Training Cell to strengthen the number of placements by bringing more numbers of reputed companies for On-campus placement drives.

- The committee encouraged all the faculty members to attend conference, workshop, webinar and publish research papers at reputed journals to enhance their research skills.
- Heads of various departments are requested to encourage the students to attend Webinars, Workshops, Conferences and Symposium at other colleges and also to take part in field projects, mini projects, industrial training and internships.
- The chairman of IQAC encouraged the head of all departments to organize Webinars, Workshops, Symposium and Guest Lectures on advanced topics to infuse the skills required to be industry ready.
- The IQAC Committee advised to purchase prescribed text books for the new courses as per regulation 2017, Magazines and e-Journals for the benefit of both students and staff members.
- The chairman of IQAC directed the faculty members to rejuvenate the research potential by applying for major and minor research projects, funded proposals on innovative ideas and research grants under various schemes from government and other funding agencies.
- The coordinator of IQAC suggested to initiative a plan for promoting patent filing by IPR cell of the Institution.

IQAC Coordinator proposed the date for the next meeting and decided unanimously the tentative schedule during the month of March 2021.


Coordinator (IQAC)
COORDINATOR


Chairperson

Internal Quality Assurance Cell
Gnanamani College of Technology

Copy to: The Chairman and The Chairperson - GEI for kind information
Pachal (Po), Namakkal - 637 018

2. CAO - GEI
3. Governing Council
4. Vice Principal – Administration & Vice Principal – Academic
5. Professors / HODs – to be circulated to all faculty members
6. All IQAC Committee members
7. File



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IQAC- ACTION TAKEN REPORT

Ref. NO. GCT/IQAC--ATR /2020-2021/03

Action Taken Report is prepared on the decisions of the IQAC meeting held on **16.12.2020**.

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

Plan of Action	Action taken
The Chairman of IQAC instructed the HoD's and criteria in-charges to submit the status of NAAC SSR work progress. It was planned to conduct Criteria wise review with the supporting documents (both hard copy and scanned copy) before the uploading of documents in the NAAC website.	Criteria wise internal review for the NAAC SSR work was conducted on 10.02.2021 and the observations were incorporated for improvement. NAAC SSR was uploaded in the website on February 2021 after several stages of micro level verification.
The committee reviewed and finalized document preparation of Institutional Information for Quality Assessment (IIQA) and asked the NAAC Coordinator to upload it in the website immediately.	Institutional Information for Quality Assessment (IIQA) was uploaded in NAAC website and got approved on December 2020.
The Committee made detailed discussion about the Schedule and panel member selection for the Administrative and Academic Audit to be held by the month of March 2020.	Prepared the department wise schedule and framed the panel members for the Administrative and Academic Audit. The committee had given proper directions to prepare the audit form to meet out the norms prescribed by the University to maintain Quality in all aspects.
The IQAC committee discussed about the University online semester exam to be commenced from January 2021 onwards. It was planned to give detailed instructions about the online exam to the students through exam cell.	Department wise orientation meeting was conducted for accessing the software for the online exam through exam cell.

<p>The Chairman of IQAC motivated the EDC cell to conduct more orientation or hands on training programs about entrepreneurship for the benefits of Students.</p>	<p>Conducted an Awareness programme "Techpreneur - The Future" on 22.01.2021 for the students to become a successful technopreneur through ED Cell.</p>
<p>Women Empowerment Cell - The committee discussed the issues related to women and to make the college campus a safe place for women students and faculty members.</p>	<p>Organized seminars / awareness programme and other welfare activities aiming at intellectual and social upliftment of the female students. For instance</p> <ul style="list-style-type: none"> • Conducted an awareness program on "Role of Traditional Food in Health" on 10.03.2021 where around 400 Female students and faculty members attended and got benefited.
<p>The committee encouraged HEC (Higher Education Cell) of the college to conduct some Awareness and Training programme for the final and pre-final year students.</p>	<p>Organized an awareness programme on "Career Opportunities In Higher Studies" on 13.02.2021 for the pre-final year students to choose a field of study in line with their skill sets, aptitude and career aspirations.</p>
<p>The committee suggested to conduct IQAC audit frequently to find the deviations in the academic activities planned and also to ensure quality in teaching learning process.</p>	<p>Conducted periodic audits of academic, administrative and research activities under the steering committee of the Management to assess quality of the curriculum based teaching – learning process and to ensure the adequacy, timely maintenance and smooth functioning of the support structure.</p>
<p>The IQAC coordinator insisted NSS and YRC cell to organize various social responsibility activities for local people in an around our campus.</p>	<ul style="list-style-type: none"> • Organized YRC Orientation Programme on 16.12.2020 where 50 students attended and got benefited. • Conducted Vaccination Awareness Program on 07.01.2021 through NSS/YRC Cell. • Organized Republic Day Celebration on 26.01.2021 through NSS/YRC Cell. • NSS Orientation Programme was organized on 22.02.2021 for the student volunteers who take part in the community service.
<p>Research Center Renewal</p>	<p>Department of ECE completed Anna university Research Center Renewal on 29.12.2020.</p>

<p>The Committee discussed about the installation of New Lab and Lab Equipments for the higher semester of certain departments and asked the concerned HoD's to prepare and submit the Quotation.</p>	<ul style="list-style-type: none"> • Department of Mechanical Engineering installed CNC Lathe Machine with overall cost of around Rs.20,00,000 /- on 30.12.2020 through the fund received from AICTE-MODROB Scheme. • Department of Food Technology had set up Bio Chemical Engineering Lab with a overall cost of around Rs. 4,00,000 /- on 28.12.2020. • Department of Biomedical Engineering installed Biomedical Instrumentation Lab with overall cost of around Rs.2,00,000 /- on 04.03.2021.
<p>Training & Placement Cell</p>	<ul style="list-style-type: none"> • Conducted 5 days Training on Programming Fundamentals using Python through INFYTQ Platform from 08.01.2021 to 13.01.2021 by INFYTQ where 10 students attended and got benefited. • Conducted 5 days Livelihood Programme from 18.01.2021 to 23.01.2021 by Mahindra Pride School Training where 110 students attended the training to develop life skills of students. • Conducted 72 Hours Coding Skills - Technical Training programme from 17.02.2021 by Mahindra Pride School Training where 62 students got benefited.
<p>The committee encouraged all the faculty members to attend conference, workshop, webinar and publish research papers at reputed journals to enhance their research skills.</p>	<p>All the faculty members attended conference, workshop, webinar and published research papers at reputed journals to enhance their research skills. Some of the details are given below:</p> <ul style="list-style-type: none"> • Dr.Kannan T K Principal/GCT and Dr.Sachin S Raj AP/Mech published a Scopus Indexed Journal paper entitled "Influence of Nanoclay on the Technical properties of glass-abaca hybrid epoxy composite", in Polimeros – Ciencia e tecnologia, Vol. 30, No.4 on 12.03.2021. • Dr.T.Geetha, HoD/MCA published a Journal paper entitled "A Novel Solution For Banking

Sectors To Make Secure Transaction Using Block Chain Technology” in International Journal of Innovative Research in Management, Engineering and Technology, Vol - 6, Issue 3, ISSN:2456 - 0448, Pg.No: 1 – 6 on March 2021.

- Dr.G.Ranganathan, Professor/ECE published a Journal paper entitled “Learned Image Compression with Discretized Gaussian Mixture Likelihoods and Attention Modules” on Feb 2021 at Journal of Electrical Engineering and Automation,2(4):162-167, DOI:10.36548/jeea.2020.4.004
- Dr.R.Nagarajan, Professor/EEE published a Book Chapter in Recent Challenges in Science, Engineering and Technology, ISBN: 978-81-947388-5-5 on January 2021.
- Dr.K.Chandramohan Vice Principal / GCT, Dr.R.Umamaheswari HoD/CSE and Dr.R.C.Karpagalakshmi Professor/CSE presented a paper entitled “An Estimation and Evaluation of Network Availability in Link State Routing Networks” at the International Online Conference on Pattern Recognition Applications & Methods on 28.12.2020 & 29.12.2020.
- Mr.S.Gopinath, AP/CSE published a Scopus Indexed Journal paper entitled “Design and Implementation of a Deep Convolutional Neural Networks Hardware Accelerator” at Journal of Physics: Conference, 2021, 1964(5), 052008.
- Mrs.N. Deepa AP/Chemistry, Mrs.K.Poongodi AP/Chemistry and Mrs.B.Vanitha AP/Chemistry attended a Webinar on “Porous solid Zeolite in Petroleum Refining and Biomedical Applications” on 31.12.2020.
- Dr.N.Balakrishnan HoD/Mech attended Five days

	<p>Virtual FDP on “ME8493 Thermal Engineering-I” held from 28.12.2020 to 04.01.2021 organized by Society of Automotive Engineers India..</p> <ul style="list-style-type: none"> • Mr.R.Guruprasath, AP/ECE registered his Ph.D under Anna University on 22-Jan-2021. • Mr.Sachin S Raj, AP/Mech completed his Ph.D on 30.12.2020.
<p>Heads of various departments are requested to encourage the students to attend Webinars, Workshops, Conferences and Symposium at other colleges and also to take part in field projects, mini projects, industrial training and internships.</p>	<p>Students from various departments have undergone Seminars, Workshops, Conferences, Symposiums, Internships, Industrial visits and Field projects to inculcate experimental and participative learning. Some of the activities are given below:</p> <ul style="list-style-type: none"> • P.Loganathan III MCA and T.Mohankumar III MCA published a journal paper “Automatic Electric Metering System Using GSM” in International Journal of Innovative Research in Management, Engineering and Technology, Vol - 6, Issue 3, ISSN:2456 - 0448, Pg.No: 7 – 14 on March 2021. • S.Dhivakar, C.Haripriya, T.Mohankumar, M.Priyanga, R Abinaya and P.Sowmiya from Department od MCA had undergone In-plant Training under the topic “Internet of Things” at VEI Technologies Private Limited, Chennai from 02.03.2021 to 10.03.2021. • 1 student from CSE had undergone internship training at Sybrit Solution, Trichy from 02.12.2020 to 27.02.2021 for the duration of 3 months. • E Preethi, M Nathiya, and A Yuvasri from III Year Biomedical Engineering attended a Workshop on Android organized by Codebind Technologies on 17.03.2021. • 4 Students from CSE Department presented a paper at International Online Conference on Pattern Recognition Applications & Methods on

	<p>28.12.2020 & 29.12.2020 organized by Rao Bahadur Y.Mahabaleswarappa Engineering College.</p> <ul style="list-style-type: none"> • C Dinesh from III Year Biomedical Engineering underwent an in-plant training at MITS Medical Systems, Salem from 22.12.2020 to 26.12.2020.
<p>The chairman of IQAC encouraged the head of all departments to organize Webinars, Workshops, Symposium and Guest Lectures on advanced topics to infuse the skills required to be industry ready.</p>	<p>All the departments organized Workshops, Webinars and Guest Lectures on advanced topics to infuse the skills required to be industry ready. Some of the activities are mentioned below:</p> <ul style="list-style-type: none"> • Department of EEE organized 5 days ATAL FDP on “Sustainability of Next Generation Robotics using IOT and Sensor Networks” from 02.02.2021 to 06.02.2021 with the fund received from AICTE, New Delhi. • Department of Science & Humanities organized a Webinar on “Green Synthesis, Characterization and Applications of Nanoparticles” on 23.01.2021. • Department of Civil Engineering organized a Webinar on “Role of Total Station in Surveying” on 10.01.2021. • Department of CSE organized a Webinar on “Enhance your potential exploration through NLP” on 08.01.2021 where 110 students attended and got benefited. • Department of Mech organized a Webinar on “Emerging Materials for Industrial Applications – A Detailed Perspective” on 08.01.2021 where 96 students attended and got benefited.
<p>The IQAC Committee advised to purchase prescribed text books for the new courses as per regulation 2017, Magazines and e-Journals for the benefit of both students and staff members.</p>	<p>Huge volumes of Text books, Reference books, Journals, Newsletters and e-journals were purchased for the Central Library to facilitate the students and staff for enhancing their skills in technical education, research and development activities.</p>
<p>The chairman of IQAC directed the faculty members to rejuvenate the research potential by applying for major and minor research projects, funded proposals on innovative ideas and research grants under various schemes from government and other funding agencies.</p>	<p>All the departments have applied for major and minor research projects, funded proposals on innovative ideas and research grants under various schemes from government and other funding agencies to rejuvenate the research potential. Some of the details are given below:</p> <ul style="list-style-type: none"> • Dr.R.Umamaheswari, HoD/CSE had applied for a funding proposal to AICTE - ATAL for organizing

	a FDP under the topic "Virtual Reality & Augmented Reality" on 11.03.2021.
Faculty Achievements	<p>Many of our faculty members were given credentials by receiving awards and honorarium for their excellence and contribution as Chief Guest, Jury, Reviewer in reputed Journals, Best Teacher award or Young researcher award etc., For instance,</p> <ul style="list-style-type: none"> • Dr.S.Saravanan AP/Mech and Dr.C.Thiruvassagam AP/Mech received Best Faculty Award from Global Multidisciplinary Research and Academic Foundation (GMRAF), Chennai on 26.12.2020. • Mr.Sachin S Raj, AP/Mech received Young Faculty Excellence Award from Global Multidisciplinary Research and Academic Foundation (GMRAF), Chennai on 26.12.2020. • Dr.R.Nagarajan, Professor/EEE acted as National Advisory Committee Member (Cheran College of Engineering, Karur) in the International Conference on Recent Intelligent Technologies in Science, Engineering, Humanities and Management organized on 26th February 2021.
The coordinator of IQAC suggested to initiate a plan for promoting patent filing by IPR cell of the Institution.	Conducted a Webinar on "Guidelines for Transformation of innovation and patent" on 19.03.2021 through IPR cell.



Coordinator (IQAC)

COORDINATOR

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



Chairperson



GNANAMANI COLLEGE OF TECHNOLOGY

(Affiliated to Anna University - Chennai, Approved by AICTE - New Delhi,

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NH-7, A. K. SAMUTHIRAM, PACHAL (P.O), NAMAKKAL - 637 018

11.03.2021

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Circular

The Fourth Internal Quality Assurance Cell (IQAC) meeting for the academic year 2020-2021 will be convened on **22.03.2021** at 10:00 a.m 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 the previous minutes of meeting
2. Review of Anna University Online Semester Exam
3. NAAC – Supporting Documents Work Progress
4. Administrative and Academic Audit
5. Review of 2020-21 Even Semester Online Class
6. Lab Experiments Schedule
7. NSS / YRC Cell Activities
8. EDC Cell Activities
9. Admission Process 2021-22
10. IV year Students project Review
11. Research Funding proposals
12. Student Activities / Achievements
13. Library Subscriptions
14. Skill based technical programs
15. Conference / Journal publications
16. Faculty Achievements
17. Alumni Association Activities
18. Training and Placement Cell Activities
19. Any other matters.


Coordinator (IQAC)


Chairperson

Copy to **COORDINATOR**

1. The Chairman and The Chairperson - GEI for kind information

2. C/O - GEI

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

3. Governing Council

4. Vice Principal – Administration & Vice Principal – Academic

5. Professors / HODs – to be circulated to all faculty members

6. All IQAC Committee members

7. File

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.	Members from Administration
Dr.K.Chandramohan, Vice Principal / Administration	Members of Faculty
Dr.R.Gandhi, Vice Principal / Academics	
Mrs.P.Sathyasutha, Assistant Professor / CSE	
Dr.G.Ranganathan, Professor / ECE	
Dr.M.Malarvizhi, Professor / EEE	
Dr.S.Saravanan, Assistant Professor / Mechanical Engineering	
Dr.T.Geetha, Professor / MCA	
Dr.L.Vinayagamoorthi, Professor / Maths	
Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering.	IQAC Coordinator
Mr.R.Sivaprakash, Senior Manager, CSG, Tata Communications, Nandambakkam, Chennai - 600089.	Nominee from Industry
P.Sakthiprasanth / EEE / 2016-2020 Batch.	Alumni Member
M.Karthi. / MCA / 2018-2020 Batch.	
K.Sukumar, CSE/ IV	Student Member
B.Balaji, CHEMICAL/ III	
T.Vishva, EEE/ IV	
R.Harini, CIVIL/ IV	
K.R.Varun, MBA/ II	
Mr.R.C.Rajakumaran, B.E., M.B.A., Treasurer, Kuringji Lions Club, Rasipuram.	Local Society Member



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MINUTES OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Ref. NO. GCT/IQAC--MoM /2020-2021/04

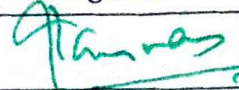


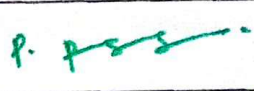
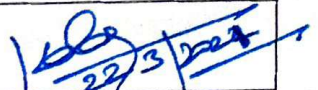
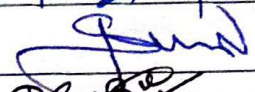
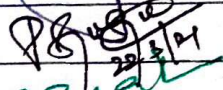
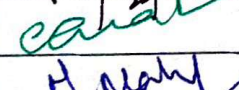
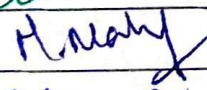
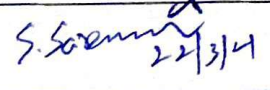
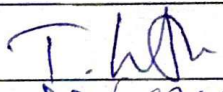
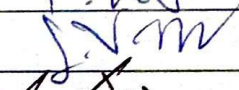

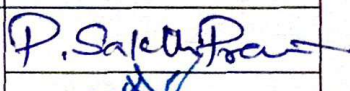

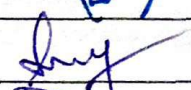
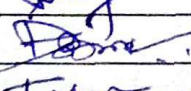
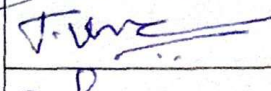
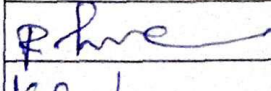
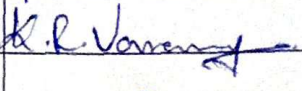

The **Fourth IQAC meeting** for the academic year **2020-2021** was conducted on **22.03.2021** at 10 am in **IQAC Board Room**, Gnanamani College of Technology.

Dr. T.K.Kannan, **Chairperson**, welcomed the members of IQAC and set the context for discussion followed by review presentation made by Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering and **Coordinator of IQAC**.

Agenda for discussion

1. Review of the previous minutes of meeting
2. Review of Anna University Online Semester Exam
3. NAAC – Supporting Documents Work Progress
4. Administrative and Academic Audit
5. Review of 2020-21 Even Semester Online Class
6. Lab Experiments Schedule
7. NSS / YRC Cell Activities
8. EDC Cell Activities
9. Admission Process 2021-22
10. IV year Students project Review
11. Research Funding proposals
12. Student Activities / Achievements
13. Library Subscriptions
14. Skill based technical programs
15. Conference / Journal publications
16. Faculty Achievements
17. Alumni Association Activities
18. Training and Placement Cell Activities
19. Any other matters.

The following IQAC members had attended the meeting.

Details of Members	Representation	Signature
Dr. T.K.Kannan, Principal.	Chairperson	 22/03/21
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.	Members from Administration	
Dr.K.Chandramohan, Vice Principal / Administration	Members of Faculty	 22/3/2021
Dr.R.Gandhi, Vice Principal / Academics		
Mrs.S.Sathyasutha, Assistant Professor / CSE		 22/3/21
Dr.G.Ranganathan, Professor / ECE		
Dr.M.Malarvizhi, Professor / EEE		
Dr.S.Saravanan, Assistant Professor / Mechanical Engineering		 22/3/21
Dr.T.Geetha, Professor / MCA		
Dr.L.Vinayagamoorthi, Professor / Maths		
Dr.R.C.Karpagalakshmi, Professor, Department of Computer Science and Engineering.		IQAC Coordinator
Mr.R.Sivaprakash, Senior Manager, CSG, Tata Communications, Nandambakkam, Chennai - 600089.	Nominee from Industry	
P.Sakthiprasanth / EEE / 2016-2020 Batch.	Alumni Member	
M.Karthi. / MCA / 2018-2020 Batch.		
K.Sukumar, CSE/ IV	Student Member	
B.Balaji, CHEMICAL/ III		
T.Vishva, EEE/ IV		
R.Harini, CIVIL/ IV		
K.R.Varun, MBA/ II		
Mr.R.C.Rajakumaran, B.E., M.B.A., Treasurer, Kurinji Lions Club, Rasipuram.	Local Society Member	 22/3/21

The following points were discussed

Review of the previous IQAC Meeting held on **16.12.2020** at 10:00 a.m and the action taken report on the decisions of the previous meeting were presented with a formal discussion with all IQAC members. The minutes of meeting were approved by the IQAC members.

- The IQAC Committee discussed about the first ever online semester exam that the students appeared for from their venue, the grievances from both students, online proctors and exam cell members, question pattern and its toughness, expected result overall percentage and so on.
- The Committee appreciated all the faculty members and criteria in-charges for having uploaded the NAAC SSR successfully on February 2021. It is also advised to concentrate on back up documents preparation for Qualitative Parameters under the guidance of Professors of each department.
- The Chairman of IQAC advised all the HoD's to start the DVV work which may be received at anytime from NAAC officials. In this regard criteria wise review meeting is planned to consolidate and finalize the work before submission.
- The detailed report for the Academic and Administrative Audit was presented in front of the IQAC committee and made discussions to improve the lagging area concerned.
- The Committee decided to submit the IQAC Annual plan for the academic year 2021-2022 for the approval from Governing Council.
- The IQAC Committee reviewed the online classes for the AY 2020-2021 Even semester. It is instructed to closely monitor the syllabus completion, student's attendance, usage of quizzes, puzzles and animated videos etc., to enhance the students learning capability.
- The Committee reviewed the ongoing physical Lab session, lab schedule and components availability for both the current and previous semester labs and advised to complete the observation and record work in parallel.
- The Committee suggested the NSS and YRC cell to conduct Social Responsibility and Awareness programs for the benefit of rural and under privileged peoples.
- The Chairman of the Committee instructed the Entrepreneurship Development Cell to organize sequence of awareness and skill industrial development training programs to create and foster entrepreneurial culture inside the Institution among the budding student entrepreneurs.
- The Committee discussed about the Admission process for the academic year 2021-2022 and the merit scholarship and other fee concession for the welfare of the students.
- 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.

- The Committee instructed the department faculty members to get funding from Government and other Private agencies by applying research proposals and Innovative Ideas.
- 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 Chairman of the committee instructed the Library HoD to complete the renewal process of all the subscriptions and membership.
- The Committee advised all the departments to conduct Skill based technical programs in the recent technologies for the students to enhance their Skill sets.
- The chairman of IQAC encouraged all the faculty members to attend Conferences and to apply for Journal publications and patent work on innovative topics to strengthen the R&D activities.
- The Committee appreciated the efforts taken by the Training and Placement Cell towards strengthening the overall placed students in the Academic Year 2020-2021 by bringing reputed companies for on-campus and off-campus drives.
- The Committee insisted the Alumni Association of the Institution to conduct Virtual Alumni Meet, Orientation and Training programs to their junior friends on various emerging topics to enhance their skills and to create awareness on employment opportunities.
- The IQAC Committee made discussion about the faculty requirement and recruitment process for the academic year 2021-2022.

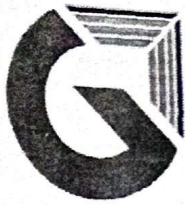
IQAC Coordinator proposed the date for the next meeting and unanimously decided the tentative schedule during the month of June 2021.


Coordinator (IQAC)


Chairperson

Copy to:
COORDINATOR
Internal Quality Assurance Cell
1. The Chairman and The Chairperson - GEI for kind information
Gnanamani College of Technology
Pachal (Po), Namakkal - 637 018

3. Governing Council
4. Vice Principal – Administration & Vice Principal – Academic
5. Professors / HODs – to be circulated to all faculty members
6. All IQAC Committee members
7. File



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IQAC- ACTION TAKEN REPORT

Ref. NO. GCT/IQAC--ATR /2020-2021/04

It is hereby informed that IQAC meeting for the academic year 2020 - 2021 was held on 22.03.2021. With a view to strengthening the IQAC, the following points were discussed and the actions were taken.

Plan of Action	Action taken
The IQAC Committee discussed about the first ever online semester exam that the students appeared for from their venue, the grievances from both students, online proctors and exam cell members, question pattern and its toughness, expected result overall percentage and so on.	A detailed analysis was made regarding the online exam and the grievances were represented to the University.
The Committee appreciated all the faculty members and criteria in-charges for having uploaded the NAAC SSR successfully on February 2021. It is also advised to concentrate on back up documents preparation for Qualitative Parameters under the guidance of Professors of each department.	The back-up documents preparation for Qualitative Parameters of NAAC renewal work were verified criteria wise through Internal audit and frequent follow-ups.
The Chairman of IQAC advised all the HoD's to start the DVV work which may be received at anytime from NAAC officials. In this regard criteria wise review meeting is planned to consolidate and finalize the work before submission.	An internal review meeting was conducted to consolidate and finalize the DVV work and submitted in the NAAC portal on April 2021.
The detailed report for the Academic and Administrative Audit was presented in front of the	AAA report was inspected department wise and the corrective measures proposed were implemented as

<p>IQAC committee and made discussions to improve the lagging area concerned.</p>	<p>per the direction of the Chairman of IQAC to enhance the quality of the Academic Initiatives of the Institution.</p>
<p>The Committee decided to submit the IQAC Annual plan for the academic year 2021-2022 for the approval from Governing Council.</p>	<p>The IQAC Annual plan for the academic year 2021-2022 was placed in Governing Council Meeting conducted during 12th May 2021.</p>
<p>The IQAC Committee reviewed the online classes for the AY 2020-2021 Even semester. It is instructed to closely monitor the syllabus completion, student's attendance, usage of quizzes, puzzles and animated videos etc., to enhance the students learning capability.</p>	<p>Department wise online class student's attendance and syllabus completion report was submitted to Principal. The committee also verified the usage of quizzes, puzzles and animated videos etc., to enhance the students learning capability.</p>
<p>The Committee suggested the NSS and YRC cell to conduct Social Responsibility and Awareness programs for the benefit of rural and under privileged peoples.</p>	<ul style="list-style-type: none"> • Organized a Webinar on "Stay Home Stay Safe" on 26.03.2021 through NSS Cell. • Conducted a Webinar on "Stress Management in COVID Situation" on 07.04.2021 through NSS Cell. • YRC Cell organized a Webinar on "Celebrating Life" on 22.04.2021 where 50 students attended the program. • Conducted a Webinar on "Mask Wearing Awareness" on 11.05.2021 through NSS / YRC Cell.
<p>The Chairman of the Committee instructed the Entrepreneurship Development Cell to organize sequence of awareness and skill industrial development training programs to create and foster entrepreneurial culture inside the Institution.</p>	<p>Entrepreneurship Development Cell organized an awareness programme on "Financial Proficiency on Penetration of Young Investors" on 14.06.2021 to foster entrepreneurial culture the budding student entrepreneurs.</p>
<p>The Committee discussed about the Admission process for the academic year 2021-2022 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 during admission 2021-2022.</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</p>	<ul style="list-style-type: none"> • HoD's submitted batch wise project progress, report preparation, Conference and Journal publication report to Principal sir. • The Hardware set up of selected projects

<p>schedule.</p>	<p>(concepts on real time basis) along with chart descriptions were displayed in the respective department's project lab.</p>
<p>The Committee instructed the department faculty members to get funding from Government and other Private agencies by applying research proposals and Innovative Ideas.</p>	<p>All the departments have applied for funding through their faculty members to various funding agencies. Some of the examples are given below:</p> <ul style="list-style-type: none"> • Department of CSE conducted an online ATAL FDP on "Virtual Reality & Augmented Reality" from 07.06.2021 to 11.06.2021 through the fund received from AICTE.
<p>The Committee advised the HoD's to prepare Quotation for the installation of New Lab and Lab Equipments for the higher semester of certain departments.</p>	<p>Department of Food Technology had set up Fruit and Vegetable Processing Technology with a overall cost of around Rs.10,000 /- on 26.03.2021 and Baking and Confectionary Technology Lab with a overall cost of around Rs.2,50,000 /- on 26.03.2021.</p>
<p>Student Activities / Achievements</p>	<p>Students from various departments have undergone Webinars, Workshops, Conferences, Symposiums, Internships, In-plant training and Field projects to inculcate experimental and participative learning. Some of the activities are mentioned below:</p> <ul style="list-style-type: none"> • 6 students from Department of Food Technology attended a Webinar on "Dairy Entrepreneurship opportunities and challenges" on 01.06.2021. • C.Haripriya and S.Kanimozhi, III year MCA published a Journal paper entitled "Survey of Fog Computing and Internet of Things: Applications, Security and Challenges" at International Research Journal of Engineering and Technology, Vol - 8, Issue 5, e- ISSN: 2395-0056, p- ISSN: 2395-0072, Pg. No: 351 – 356 on May 2021. • V.Gokulapriya Student, III Year BME underwent an internship training at Dr Soundarajan Super Specialty Hospital, Salem from 01.04.2021 to 15.04.2021. • R.Shalini, III Year MCA presented a paper

	<p>entitled "An Attack Tree based Risk Evaluation Approach for the Internet of Things" in ICETETR'21 on 02.04.2021.</p> <ul style="list-style-type: none"> • S Gokulraj, P Aravindsamy, J Dineshkanna and A Gokul from Department of BME had undergone in-plant training at MITS Medical Systems, Salem from 12.04.2021 to 17.04.2021. • G.K.Harigaraan from MBA Department had received 'Best Manager Award' from Kongu Business School, Salem on 27.3.2021. • 7 students from Civil Department had undergone Construction site work from 02.03.2021 to 30.03.2021. • 4 students from EEE Department had undergone internship training on "IOT Based low voltage single phase induction motor" at E-Trainers, Coimbatore from 02.02.2021 to 25.03.2021.
<p>The Chairman of the committee instructed the Library HoD to complete the renewal process of all the subscriptions and membership.</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 Committee advised all the departments to conduct Skill based technical programs in the recent technologies for the students to enhance their Skill sets.</p>	<p>All the departments conducted Skill based technical programs in the recent technologies for the students to enhance their Skill sets. Some examples are given below:</p> <ul style="list-style-type: none"> • Department of CSE organized a Webinar on "Enlightenment through Engineering Unleash your Potential" on 13.04.2021 where 105 students attended and got benefited. • Department of EEE organized a Webinar on "Industrial Internet of Things in the context of Industry 4.0" on 22.04.2021 where 94 students attended and got benefited. • Department of ECE organized a Webinar on "The Real World of Artificial Intelligence" on 08.05.2021 where 84 students attended and got benefited.

	<ul style="list-style-type: none"> • Department of English organized a Webinar on “Impact of Learning English Language in Students' Career” on 13.5.2021. • Department of MCA organized a Webinar on “RPA UI Path Basics” on 22.05.2021 through its Professional Body where 107 students attended and got benefited. • Department of Mech organized a Webinar on “Automotive Body Design” on 26.05.2021 where 95 attended and got benefited.
Quality Enhancement Activities	<p>IQAC focussed on quality enrichment of teaching, learning, evaluation, research, extension and consultancy opportunities through Workshops, Seminars / Webinars, Symposiums, Guest Lectures and FDP by the respective departments.</p>
<p>The chairman of IQAC encouraged all the faculty members to attend Conferences and to apply for Journal publications and patent work on innovative topics to strengthen the R&D activities.</p>	<p>Faculties from various Departments attended Conferences and applied for Journal publications and patent work on innovative topics to strengthen the R&D activities. Some of the details are listed below:</p> <ul style="list-style-type: none"> • Dr.T.Geetha, HoD/MCA published a Journal paper entitled “Things And Everything: Internet Of Nano-Things Future Growth Trends” at International Journal of Computer Science Engineering Techniques, Vol - 6, Issue 2, ISSN: 2455 – 135X, Pg. No: 1 – 11, Paper Id: JICSE – VP12P2 on May 2021. • Mr.S.Gopinath, AP/CSE published a Scopus Indexed Journal paper entitled “Automated Vision Defect Detection Supported Deep Convolutional Neural Networks” at Journal of Physics: Conference, 2021, 1964(4), 042044. • Dr.R.Umamaheswari, HoD/CSE presented a paper entitled “Ensuring Link Node Stability Using Hybrid Route Failure Analysis” at International Conference on Multidisciplinary Innovations in

Computing and Communication 2021 (ICMICC'21) organized by Easwari Engineering College, Chennai on 19.04.2021 & 20.04.2021.

- Dr.S.Saravanan, AP/Mech attended an AICTE sponsored STTP on "Utilization of Renewable Sources of Energy in Engineering Applications" held from 10.05.2021 to 15.05.2021 organized by J.K.K.Nattaraja College of Engineering and Technology, Kumarapalayam.
- Dr.R.Nagarajan, Professor/EEE published a Springer entitled "Experimental Research and CFD analysis on double pipe heat exchanger with CuO nano particle suspended in cold water" with weblink <https://link.springer.com/article/10.1007%2Fs10973-021-10804-4> on 13.04.2021.
- Mr.K.Anand, AP/ECE published a Scopus Journal paper entitled "Wavelet neural learning-based type-2 Fuzzy PID controller for speed regulation in BLDC motor" at Neural Computing & Applications on Mar 2021 with Impact Factor of 4.7.
- Mr.A.Jeeva, AP/MCA presented a paper entitled "Ontology-Based Virtual IOT Devices for Edge Computing" in ICETETR'21, organized by Gojan School of Business & Technology, Chennai on 02.04.2021.
- Mr.S.Gladson, AP/ECE presented a paper entitled "Driver Performance Based License Eligibility Measurement System Using IoT" in the TNSCST Sponsored International E - Conference on Latest Trends in Science, Engineering and Technology ICLTSET'21 organized by Karpagam Institute of Technology, held on 26.03.2021 and 27.03.2021.
- Mr.R.Prabhu, AP/ECE Department completed his Ph.D on 23.04.2021.

	<ul style="list-style-type: none"> • Mr.K.Madheswaran, HoD/Civil Department completed his Ph.D on 30.04.2021.
Faculty Achievements	<p>Many of our faculty members were given credentials by receiving awards and honorarium for their excellence and contribution as Chief Guest, Jury, Reviewer in reputed Journals, Best Teacher award or Young researcher award etc., For instance</p> <ul style="list-style-type: none"> • Dr.Sachin S Raj delivered a Guest Lecture under the topic "Special Machines and their applications in the manufacturing industry" at Narasu's Sarathy Institution, Salem on 22.05.2021. • Dr.R.C.Karpagalakshmi, Professor/CSE delivered a Guest Lecture under the topic "Internet of Things" on 26.04.2021 at Jayalakshmi Institute of Technology. • 3 Faculty members from Department of ECE had become professional members with IAENG (International Association of Engineering) and 1 Faculty from Department of ECE had become membership with IERP (Institute of Engineering Research and publication).
The Committee appreciated the efforts taken by the Training and Placement Cell towards strengthening the overall placed students in the Academic Year 2020-2021 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 where 560 students from different departments got offers.
The Committee insisted the Alumni Association of the Institution to conduct Virtual Alumni Meet, Orientation and Training programs to their junior friends on various emerging topics to enhance their skills and to create awareness on employment opportunities.	<ul style="list-style-type: none"> • Organized a Job oriented training programme on "Electrical Design Automation for Special Purpose Machinery" on 23.04.2021 handled by Mr.S.M.Maghizh, Sr.Electrical Design Engineer, Tech Mahindra, Bangalore. • Conducted Virtual Alumni Meet 2021 was conducted on 07.05.2021 (Friday) at 5 p.m through Google Meet platform.


Coordinator (IQAC)
COORDINATOR


Chairperson