MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY
Approved by the AICTE, New Delhi - Affiliated to Pondicherry University
Accredited by NAAC WITH 'A' Grade and NBA (National Board of Accreditation)
Kalitheerthalkuppam, Puducherry - 605 107
Ph: 0413 2643007 / Website: www.mvit.edu.in

INTERNAL QUALITY ASSURANCE CELL

Minutes of Meeting held on 27th January 2024

Second meeting of IQAC with External members was held on 27th January 2024at 10.30 am in the Board Roomfor the academic year 2023-24.

The following members were present:

1.	Dr. S. Malarkkan, Principal	-	IQAC Chair
2.	Dr. R. Valli, Professor/ECE	-	IQAC Coordinator
3.	Dr.N.Alagumurthi Professor & Head, Department of Mechanical Engineering Puducherry Technological University	-	Academic Peer
4.	Mr.G.Rajaganesan Director, VATIO Energy India Pvt Ltd Chennai	-	Industry Member
5.	Mr.S. Santoshkumar General Manager, Vell Biscuits (P) Limited, Puducherry	-	Industry Member
6.	Mr.R.Samivel Assistant Manager-Design L&T Rubber Processing Machinary, Kanchipuram,Tamilnadu	-	Industry Member
7.	Ms.Nandhini Sr.Excecutive Officer Accounts & Finance, TANFAC,Cuddalore	-	Industry Member
8.	Dr. J Abbas Mohaideen Dean (Academics)	-	Member
9.	Dr.B.Radjaram,Professor and Head/Mech	-	Member
10.	Dr.C.Shanmugasundaram, Professor and Head/EEE	-	Member
11.	Dr.S.Arunmozhi, Professor and Head/ECE	-	Member
12.	Dr.P.Sivakumar, Professor and Head/IT	-	Member
13.	Dr.G.RenukaDevi,Professor and Head/RA	-	Member
14.	Mr.R.Raj Bharath, Associate Professor & Head(i/c) /CSE(IoT)	-	Member
15.	Dr.D.Tiroutchelvame, Professor and Head/FT	-	Member

16.	Dr.P.Baskaran, Professor and Head/MBA	-	Member
17.	Prof.M.Sumithra, First Year Coordinator	-	Member
18.	Dr.M.Jayekumar, Placement Officer	-	Member
19.	Dr.Meiappan,Professor/IT,Exam Cell Coordinator	-	Member
20.	Dr.S.Vaitheeswaran,	-	Member
21.	Ms.R.Vithiya,AP/ECE	-	Member
22.	Mrs.R.Priya, AP/EEE	-	Member
23.	Mr.B.Vasanth, AP/Mech	-	Member
24.	Ms.Pesha,AP/RA	-	Member
25.	Ms.Suganetham,AP/AIML	-	Member
26.	Ms.Ravichandran,AP/Maths	-	Member
27.	Dr.R.BaghyaNisha,AP/FT	-	Member
28.	Mr.Akalya, AP/MBA	-	Member
29.	Dr.Sofia, AP/ECE	-	Member
30.	Ms.R.Varalakshmi,AP/CSE	-	Member
31.	Dr.K.Sedhuraman,AP/EEE	-	Member
32.	Mr.A.Thiagarajan,AP/MECH	-	Member
33.	Dr.BaigMansur,AP/MBA	-	Member
34.	Mr. M.Velmurugan –Batch: 2013-2017(ECE)	-	Alumni Member
35.	Ms.SaiSaranya– Batch: 2015-2019(CSE)	-	Alumni Member
36.	M. Abilash – Batch: 2016-2020(EEE)	-	Alumni Member
37.	Gokul Raj.S –Batch: 2020-2022(MBA)	-	Alumni Member
38.	Srinithi K Valliappan,III/ECE	-	Student
39.	Bhuvaneshwaran,IV/CSE	-	Student
40.	Yuvapriya, IV/IT	-	Student
41.	Saravanan.V, IV/EEE	-	Student
42.	A.MohammedImthiyas,IV/MECH	-	Student
43.	S.Soban,IV/RA	-	Student
44.	Yazhini.P,IV/FT	-	Student
45.	M.Y.Shahanas,IV/IoT	-	Student
46.	Nesapriyan.K,III/AIML	-	Student
47.	Sofia Mehake,II/MBA	-	Student

- The IQAC chairperson welcomed all the members of the IQAC team.

Points Discussed:

- Dr.R.Valli, coordinator IQAC, acknowledged the gracious presence of IQAC members and submitted the following agenda for the discussion.
1. Action taken report of the previous external IQAC meeting held on 10th June 2023.
2. AQAR (2022-23 A.Y) review for submission.
3. 2023-24 Odd Semester – Achievements related to Academic, Competition, Placement & Research and Development.

4. IQAC Newsletter of 2022-23 Odd and Even Semester.
5. Activities related to SDG Goals.
6. Activities conducted by Professional Bodies.
7. Activities related to Community Engagement.
8. IQAC Action plan for the 2023-24 Even semester.
9. Activities for promoting Indian Knowledge System.

Agenda 1: Action taken report of the previous IQAC meeting held on 10th June 2023

IQAC coordinator presented the action taken report on the points discussed and the suggestions recommended by the external members during the meeting held on June 10, 2023. This report outlined the measures and steps taken by the institution in response to the suggestions put forward by external stakeholders, such as experts from other institutions, industry professionals, Alumni etc.,

Agenda 2: AQAR (2022-23 A.Y) review for submission

- IQAC coordinator presented the Annual Report (A.Y 2022-23) of the Internal Quality Assurance Cell (IQAC) covering all the activities of the Institution in the year 2022-23. She also informed that the same details were given in AQAR which is to be submitted by 2nd week of February 2024.

The details of activities carried out in the odd semester of the Academic Year 2023-24 were also presented.

The following are the details of presentation.
- The contribution of faculty members in the Board of Studies in framing the syllabus for the 2023-24 regulations was presented in the meeting.
- Student's developmental initiatives such as Value Added Courses, Guest Lectures, Special lectures and Internal/External workshops organized by various departments were presented in the meeting.
- The Graduation Percentage of the 2023 Batch and the University Examination Results of the 2022-23 Even Semester were also presented.
- Faculty members' contributions on research publications, conferences, book chapters, patents and Activities under R&D cell such as Research Orientation Programs, IPR Awareness Programs, Research Colloquium and Technical Lecture Series were discussed.
- The details of placement training, number of students placed were also presented in the meeting
- The activities under various cells/clubs, including the Career Guidance Cell, Entrepreneurship Development Cell, Institute Innovation Council, NSS Cell, Alumni Cell, Women Empowerment Cell, ICC/POSH Cell, Anti-Ragging Cell, Maths Club, Language Club, Cultural Club, Sports Club, and professional bodies, were presented during the meeting.

- Professional development and Quality Improvement Programs conducted for faculty members, staffs and students were discussed during the meeting.

Agenda 3:

2023-24 Odd Semester – Achievements related to Academic, Competition, Placement & Research and Development

IQAC coordinator presented the details of the achievements related to Academic, Competition, Placement & Research and Development in the Odd semester of the A.Y 2023-24.

Achievements related to Academics

The overall Graduation Percentage of 2023 Batch is 96.16 %

The department wise details are given below.

Dept.	Overall		
	Total No. of Students	No. of students completed the course	Graduation %
EEE	37	35	94.59%
ECE	86	84	97.6
CSE	106	102	96.22
IT	88	86	97.72
MECH	36	29	80.55
MBA	116	115	99
TOTAL	**469**	**451**	**96.16**

University Examination Results of 2022-23 Batch Even Semester:

Dept	YEAR / SEM									Overall		
	II / IV			III / VI			IV / VIII					
	Appeared	cleared	Pass %	Appeared	cleared	Pass %	Appeared	cleared	Pass %	App	Cleared	Pass %
EEE	42	27	64.28%	24	16	66.66%	37	37	100%	103	80	77.66%
ECE	123	89	72.33%	87	80	91.95%	86	85	98.8%	296	254	85.81%
CSE	123	103	83.7%	118	104	88.1%	106	104	98.1%	347	311	89.6%
IT	118	105	88.98%	92	88	95.65%	88	86	97.72%	298	279	93.62%
MECH	26	17	65.38%	46	27	58.69%	35	32	91.42%	107	76	71.02%
FT	21	18	85.7%	26	26	100%	-	-	-	47	44	92.85%
RA	21	16	76.19%	19	15	78.94%	-	-	-	40	31	77.56%
IOT	63	42	66.67%	18	16	89%	-	-	-	81	58	71.6%
AI & ML	25	23	92%	-	-	-	-	-	-	25	23	92%

Achievements related to Competitions

- Azhagesan.Y, Jaisiya.R, Krishna Raj.A, Krishnaveni.G, and Mahathir Mohamed.T of Final year ECE(2020-24 Batch), are the winners of VIRTUSA JATAYU Season 3 Championship, mentored by Mr.V. Rajesh, AP/ECE.

- Deivanai.S, Lakshmi Priya.G, Srinihil.R.S, Vinothini.B,Aswin.G of Final Year CSE(Batch :2020-24) are the runners of VIRTUSA JATAYU season3 Championship, mentored by Mr.R.Rajbharath, ASP/IoT.

- Arya Ejoumalaiof Third Year CSE (Batch :2021-25) won the Second position in ZOHO CLIQ TRIX 2024 (National level competition) mentored by Mr.R.Rajbharath, ASP/IoT.

- A.Vanmathy and Srinidhi K Valliappan of third year ECE (Batch :2021-25) were awarded as "Women Innovator" in the Women Hackathon 1.0 for the innovative idea in Aluminium sector during diamond jubilee celebration organized by NI-MSME.

- Mr.K.ManojKumar, Ignite Skylabs along with Karthick, Anbarasan.S, Yuvan Shankar.S, Sathiya.K, Aravindaraja.V and Bhavadharani.S.I from ECE department, are the Winners of Smart India Hackathon 2023, mentored by Dr.R.Valli, R&D Head.

- Jeevandham, Abinaya, Sabarish of Third year EEE(Batch: 2021-25), won First prize with cash award of Rs.15,000/- in "Ideathon& Hackathon 1.0" Competition held at SRM Institute of Science & Technology, Chennai.

- Ateetha, Hariharan, Parthasarathi , Jotham and Thiurppa of third year R & A (Batch: 2021-2025) students won second prize with cash award of Rs.20000/- in the E-waste reduced Hackathon conducted by DST, Puducherry.

- Yuvaraja.M of second year CSE (Batch: 2022-2026)has got First prize in Genisis'23: Technical Fest Event held at Puducherry Technological University on 6th October 2023.

- R.Somnath, A.Anto Sam Christ, V. Adhityan, S,Guruprasad of second year CSE (Batch: 2022-2026)got First prize on Version'23-National level Tech fest at SRM Ramapuram on 21st September 2023.

- Yuvaraja.M and Harisha.M of second year CSE (Batch: 2022-2026)got first place in "Technovasion 2K23" - National Level Innovative Technical Fest held at Mailam Engineering College on 28th October 2023.

- Vishvaa from third year IT (Batch: 2021-2025) has secured 3rd position for speed cards in adults category at IAM world memory championship 2023 held at CIDCO Exhibition Centre, Mumbai, India on 26th November 2023.

Achievements related to R&D

The details of Patents filed by our Faculty Members and students

Particulars	Filed	Granted
Product Patents	12	01
Design Patents	16	15
Copy Rights	07	07

- The 5th IEEE Sponsored International Conference on System, Computation, Automation and Networking (ICSCAN - 2023) was conducted on 17th and 18th Nov 2023 and all the presented papers were published in IEEE Xplore on 27th Jan 2024.
- The due diligence visit for the establishment of the ATAL Community Innovation Centre has been completed, and the documentation submission process is currently in progress.

Proposals Accepted and Funded:

- The Institution of Engineers (India), Puducherry State Center under the aegis of Computer Science Engineering Division Board IE(I) in association with Department of Information Technology, Manakula Vinayagar Institute of Technology organized one day Workshop on "Machine Learning Concepts and Applications" on Friday, 24th November 2023. Funding Received: Rs.30000/-
- The Institution of Engineers (India), Puducherry State Center under the aegis of Mechanical Engineering Division Board IE(I) in association with Department of Mechanical Engineering, Manakula Vinayagar Institute of Technology, Puducherry organized Two days All India Seminar on "Advances in Nanotechnology for Sustainable development" from 04.09.2023 to 05.09.2023. Funding Received: Rs.30000/-
- The Institution of Engineers (India), Puducherry State Center under the aegis of Metallurgical Division Board IE(I) in association with Department of Mechanical Engineering, Manakula Vinayagar Institute of Technology, Puducherry organized Two days All India Seminar on "Advanced Materials: Synthesis, Characterization and Applications" from 06.10.2023 to 07.10.2023.Funding Received: Rs.30000/-
- The Institution of Engineers (India), Puducherry State Center under the aegis of CPDB in association with Department of CSE(IOT&AIML), Manakula Vinayagar Institute of Technology, Puducherry organized Two days All India Seminar on "Challenges and Mitigation strategies for SDG – 13 – Emerging Trends in IoT Combat Climate Action" from 24.07.2023 to 25.07.2023. Funding Received: Rs.50000/-

Agenda 4: Release of IQAC Newsletter

- The IQAC Newsletter was released by Dr.N.Alagumurthi, Professor, Department of Mechanical Engineering, Puducherry Technological University. It included the contents such as Initiatives taken by IQAC for improvement of Curriculum and Teaching – Learning Process, Cultivating Creativity: Exploring Innovations, Product Development, and Incubation Ventures, Catalyzing Connections: Dynamic Initiatives by the Industry-Institute Interaction Cell, Collaborative Brilliance: Activities Pioneered by Committees, Clubs, Cells, and Professional Body Chapters, Empowering Futures: A Commitment Towards Society,

Exploring Sustainable Living Through Green Initiatives, Empowering Educators: Capacity Building Programs for Faculty Members, Celebrating Student Achievements in Co-curricular and Extracurricular Activities and Institutional level achievements. This newsletter was distributed to the members of the Internal Quality Assurance Cell (IQAC). It has also been uploaded in the Institution's website.

Agenda 5: Activities related to SDG Goals

- A separate Sustainable Development Goal (SDG) tab has been included on the institution's website, providing a clear overview of SDG and various activities conducted/planned to address each SDG.
- To plan activities for each SDG goal, a separate team of faculty members have been appointed.
- The presentation in the meeting included a discussion of various activities conducted in alignment with the SDGs.

S.No	Name of the Activity	Dept.	Date	Participants	SDG Goal in Map
1	Awareness Rally in Manadipet Village with the theme of "SDG 5 in Action - Bridge the gender Gap"	EEE	25.09.2023	II, III and IV Year EEE Students	SDG 5
2	SDG Goal 7 - Affordable and Clean Energy	EEE	19.09.2023 to 23.09.2023	Faculty Members	SDG 7
3	National Conference on "Contemporary Issues in Business and Management for Sustainable Development "CIBMSD-23"	MBA	20.10.2023	35 Presenters	SDG 12
4	Clean Water and Sanitization R.Rajalakshmi, AP/Civil Engineering	IT	30.10.2023	IV Year IT	SDG 6
5	A Special Lecture on theme "Shared Vision for a Better World - Standards for Sustainable Development Goals" Resource Person Er. CHAYESH. B ,Quality Executive, TVS- Sundaram Fasteners Limited, Mandagapattu, Villupuram	MECH	26.10.2023	I.II.III.IV Mech	SDG 14

Agenda 6: Activities conducted by Professional Bodies

- Various activities conducted by professional bodies such as IE(I), CSI, IEEE Student Branch, ISHARE, NIQR,SAE,IETE and department associations were presented in the meeting.

Agenda 7: Activities related to Community Engagement

The details of the activities presented are

S.NO	NAME OF THE ACTIVITY	DATE	NAME OF THE AGENCIES/CONSULTANTS INVOLVED WITH CONTACT DETAILS(if any)	ORGANIZING UNIT/AGENCY/ COLLABORATING AGENCY
1.	World Breast Feeding Day	09.08.2023	Dr.Jamunasri, Sub Health Centre, Kalitheerthalkuppam	Sub Health Centre, Kalitheerthalkuppam
2.	Tree Plantation	12.08.2023	Mr.Umapathy Temple President	Kuruvinatham - Special Officer
3.	AIDS Awareness Marathon	11.08.2023	Dr.S.Malarkkan Principal, MVIT	NSS
4.	Solid Waste Management	28.07.2023	Dr.Sathishkumar State NSS officer	State NSS Cell
5.	Temple Cleaning(SDG-13)	15.09.2023	Mr.Umapathy Temple president	Kuruvinatham - Special Officer
6.	Agriculture Land Visit and Interaction With Farmer (SDG-02)	15.09.2024	Mr.V.Rajesh,AP/ECE	NSS
7.	Save Girl Child (SDG-05)	15.09.2025	Ms.G.Latha Vice Principal	Govt.Hr.Sec. School Embalam
8.	Water Conservation Rally(SDG-06)	15.09.2026	Mr.Sedhurman Special Officer	Tirukanchi Temple Special Officer
9.	Energy Conservation Rally(SDG-07)	15.09.2027	Mr.Muruganantham- AP/EEE	NSS
10.	Drug Abuse	15.09.2028	Mr.Balaji- AP/EEE	NSS
11.	Happy and Safe Diwali Programme	10.11.2023	Mr.R.Vijayaprasath- NSS PO	NSS
12.	Cooking Without Fire	26.10.2023	Dr.Thirouchelvam- HOD, FOOD TECH, MIT	NSS & Food and Technology
13.	Environment Recovery Ideas and Engineers In Defense Services	27.11.2023	Er.Sedhuraman Ezhumalai, Project Associate, FITT, IIT Delhi	NSS
14.	Viksit Bharat	08.12.2023	Sooramangalam Commune Panchayat	Administration Department, Govt. of Puducherry
15.	Tobacco Awareness Programme	11.12.2023	Dr.S.Selvanathan Founder & Director – Swasthya Dentique	Swasthya Dentique, Faculty, Art of Living

16.	Orientation Programme	11.12.2024	Dr.Sathish Kumar - State NSS Officer	STATE NSS CELL
17.	Oral Cancer Awareness	12.12.2023	Mr.R.Vijaya prasath - NSS PO	NSS

Agenda 8: IQAC Action plan for the 2023-24 Even Semester

- The IQAC's action plan for the 2023-24 Even Semester was presented in the meeting, outlining specific targets for each department under different activities. Departments were requested to prepare their department action plans to meet the targets set by the IQAC.

Agenda 9: Activities for promoting Indian Knowledge System

- Suggestions were invited from the members to promote the Indian Knowledge System.
- It is recommended that subjects related with Indian Knowledge system can be included in the curriculum.
- Books related to Tamil Art and Culture, devotion, Archaeology, History, Sidha Medicine may be added in the library and to be informed to all the students and staff members.

SUGGESTIONS BY IQAC MEMBERS

Suggestions by Dr.N.Alagumurthi, Professor, Puducherry Technological University

- Dr. N. Alagumurthi congratulated the faculty team of the institution for obtaining autonomous status. He highlighted that it is an important and significant milestone of the Institution, which proves the ability to progress independently for academic and administrative excellence. He expressed his confidence that, with the dedication and hard work of the faculty team, along with proper guidance from senior faculty members, the institution would further excel in all aspects.
- He appreciated the efforts taken by the IQAC team to implement the best practices in addressing the SDG Goals through meticulous planning and execution by a separate team of faculty members.This practice is unique to the institution and aligns with the global call for action.
- He recommended updating the faculty members' profile on the institution's website in an innovative manner.
- Value-added courses on niche areas can be conducted in collaboration with industries.
- He also suggested that IQAC release journal covering quality initiatives for educational excellence in HEI's with an ISBN number, to be published every year.
- A separate hall provision may be provided in the central library for the establishment of "எண்ணும் எழுத்தும்" (Numerals and Alphabets) to promote the importance of language among students. This area would feature displays and books of various languages to help students stand out in the multi-cultural world.

- A separate place can be earmarked as "IQAC Smile Please" for displaying photographs of important events of IQAC. Additionally, this place can feature albums showcasing past IQAC events.
- An initiative called "We Meet" was recommended, where one faculty member and 3 to 4 students form a team to visit an identified company. The team would visit the company once a month to understand its requirements and work on addressing them.
- A PLAN Club can be created focusing on areas such as Protect Yourself, Law and Order, Archaeology, and Nature Protection.

Suggestions by Mr.S. Santoshkumar, General Manager, Vell Biscuits (P) Limited, Puducherry

- Mr. S. Santoshkumar congratulated the IQAC team for their increasing efforts to improve the quality of education in the institution year by year.
- He recommended to arranging workshops on Resume preparation and covering letter writing for final year students.

Suggestions by Ms.SaiSaranya – Batch: 2015-2019(CSE), Alumni Member

- Workshops can be conducted for students on advanced programming languages for a minimum of two week duration.
- Inclusive workshops on improving students' learning and listening skills can be conducted
- She insisted for placement training for non-placed students until they receive an offer.

Suggestions by Mr.R.Samivel, Assistant Manager-Design, L&T Rubber Processing Machinery

- Mr. R. Samivel congratulated the IQAC team for their efforts in ensuring quality education.
- Pre-final and final year students can be assigned projects focusing on sustainable and green products. They need to identify environmental challenges, analyze them, and develop innovative solutions. Engaging students in projects related to sustainability raises awareness about environmental issues and the importance of adopting eco-friendly practices.
- The Department of Robotics and Automation can arrange visits and training in pneumatic companies in and around Chennai with assistance from him.

Suggestions by Ms.Nandhini,Sr.Excecutive Officer, Accounts & Finance, TANFAC, Cuddalore

- Workshops on Business Etiquette can be arranged for students to teach the importance of professional behaviour, communication, and interpersonal skills in a Professional forum, preparing them for successful interactions with colleagues, clients, and stakeholders.

- Workshops on Time Management and Organizational Commitment can also be arranged to instil a sense of dedication, loyalty and responsibility towards the goals and values of an organization.

Suggestions by Mr.M.Velmurugan – Batch: 2013-2017 (ECE Alumni)

- As a part of Placement training, sessions on the Importance of Formal Attire in Organizations can be arranged for the final year students.

Suggestions by Mr.GokulRaj.S – Batch: 2020-2022 (MBA Alumni)

- Workshops/Seminars on Company Loss and Regulatory Compliance, addressing real-time challenges in industries, can be arranged for MBA students.
- Workshops can be arranged on professional presentation skills, covering effective email writing and PPT preparation.

Suggestions by Mr.M. Abilash – Batch: 2016-2020 (EEE Alumni)

- Mr.Abilash expressed his congratulations for implementing actions based on the suggestions he mentioned in the last meeting
- Many companies across the globe rely on SAP and Sales force for their business operations. Students equipped with knowledge and skills on these platforms are most sought-after by the employers. Hence, special courses on SAP and sales force can be arranged for the students.

IQAC COORDINATOR

IQAC CHAIR

01.02.24

PRINCIPAL
MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY
KALITHEERTHALKUPPAM,
PUDUCHERRY- 605 107.

Copy to:
1. All the members of IQAC
2. IQAC office