



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Madagadipet, Puducherry - 605 107

INTERNAL QUALITY ASSURANCE CELL

Minutes of Meeting held on 10th August 2021

Greetings from IQAC Cell of **Manakula Vinayagar Institute of Technology**, Puducherry.

First meeting of IQAC with external members held on 10th August 2021 at 11.00 am in the conference hall for the academic year 2021-22.

Members Present:

1. **Chair Person** - Dr.S.Malarkkan, Principal, MVIT
2. **IQAC Coordinator** -Dr.R.Valli
3. **Members from the Institution:**
 - a. Dr.S.Pariselvam– HOD/Department of CSE
 - b. Dr.S.Arunmozhi – HOD/Department of ECE
 - c. Dr.P.Sivakumar – HOD/Department of IT
 - d. Dr.P.Baskaran – HOD/Department of Management Studies
 - e. Dr.C.ShanmugaSundaram – HOD/Department of EEE
 - f. Dr.B.Radjaram – HOD/Department of Mechanical Engineering
 - g. Dr.M.Jayekumar, Training and Placement officer
 - h. Dr.A.Meiappane, Exam cell Coordinator.
4. **Management Representative:** Mr. M.Dhanasekaran, Chairman and Managing Director
5. **Academic Peers:** Dr.N.Alagumurthi
Professor, Department of Mechanical Engineering
Pondicherry Engineering College
6. **Nominee from Professional bodies:**
 - a. Dr.R.Saravanane, Chairman, The IEI Puducherry State Center
 - b. Mr.M. Kalaichelvan, Chairman, CII Puducherry Chapter
 - c. Dr.N.Kumarappan, Chairman, IEEE-Madras Section
7. **Student representatives: One from each department**
 - a. Gulsunoorfurr.K.A–ECE
 - b. Dinesh S–EEE
 - c. Arunraj. S-Mech
 - d. Madhumitha.S -CSE

- e. Sandthiya.M-IT
- f. Gokulraj. S -MBA

8. Members from Industry:

- a. Mr. K.P.Vivekananthan, ACCL, Chennai
- b. Mr.K.Bakkiaraj- HR-Gaea Technology, Bangalore
- c. Mr.Vinayak Babu , Director, 4 Semiconductors, Bangalore.
- d. Mr. K. E. Ramani, General Manager- D&D, Fine Automotive & Industrial Radiators Pvt. Ltd., Puducherry.
- e. Dr.S.Sureendar, MD, Flavorsindia (P) Ltd.

8. Alumni Members: One from each department

- a. Mr.P.Sharan, 2012-2016 Batch Mechanical Engineering
- b. Ms.A.Jaisri, 2012-2016 Batch IT
- c. Mr.G.Vigneswaran, 2014-2018 Batch EEE
- d. Ms.A.Jennifer, 2012-2016 Batch CSE
- e. Mr.S.Mukilan, 2015-2019 Batch ECE
- f. Ms.S.Soumya, 2010-2012 Batch MBA

Members Absent:

1. Mr. S.Umesh, Project manager, TCS Chennai - Industry Member
2. Ms.S.Soumya-MBA – Batch(2010-12) - Alumni Member
3. Ms.A.Jaisri- IT – Batch(2012-16) – Alumni Member
4. Mr.Dhanasekaran, -ECE – Batch(2010-14) – Alumni Member

PROCEEDINGS

Welcome Note:

- The IQAC chairperson welcomed all the members of the IQAC team.The action taken for the suggestions given in the previous IQAC meeting held on 8th January 2021, academic performance of the students, their co-curricular and extra-curricular activities, current semester action plan, various quality initiatives, industry institute interaction, etc., were discussed in the meeting.
- Dr.R.Valli, coordinator IQAC, stated that IQAC meeting minutes held on 8th Jan 2021 was sent to all the members through mail and confirmed the same and presented the details of activities conducted by the institution and submitted the action taken report before the committee members. She also listed the agenda for the meeting.

Agenda 1: Review of minutes of previous IQAC Meeting held on 8 Jan 2021 and its action taken report.

The action Taken report for the external IQAC meeting held on January 8th of 2021 was briefed by the IQAC coordinator Dr.R.Valli. The coordinator also mentioned the targets achieved and the debility to complete some activities due to the pandemic situations.

Agenda 2: Review of 2020-21 achievements.

- IQAC chair highlighted the achievements of the previous year's and other accomplishments through placements and other co-curricular activities to the committee and briefed about the targets set to each faculty to achieve the goals of the Institute.
- The IQAC co-ordinator submitted the various feedbacks obtained on curriculum and other aspects for perusal of the committee and briefed the action taken.
- IQAC Chair highlighted that the India Today Ranking (Academic year 2020-21) of our Institute as 163, which has risen by 7 ranks (from 170), when compared with the previous year (2019-20).
- The committee members were educated about the Virtusa's Centre of Excellence inaugurated on 12th July, 2021. IQAC Chair also informed about the Wipro's Centre of Excellence, which would use the existing labs of our institute. With it, it would train our faculty members who in turn, train our students for placements (Wipro).
- Prof.Jeyakumar, Placement Officer, reported that Skill Rack Training has been conducted regularly for all III year Students. Around 5 students has been placed by ZOHO. Nearly 48 students have been shortlisted by KAAR Technologies and 3 placed which is a milestone for our institute.
- Principal announced the Extension of NBA Accreditation (for One Year) till June 2022, based on the compliance reports submitted by three Departments viz., ECE, CSE and Mechanical Engineering.

Suggestions Provided by IQAC Committee Experts:

- Dr.N.Kumarappan, Chairman, IEEE-Madras Section, suggested to improve the NIRF parameters like Academic Excellence, Infrastructure, Personality & Leadership development, Career development, etc., have been discussed and the faculty members were insisted to concentrate on activities that contribute to the improvement in the above parameters that should reflect in rank status of our Institute in the next academic year (2021-22).
- Dr.N.Alagumurthi, Professor, Department of Mechanical Engineering, Pondicherry Technical University Learned about the ARIIA Ranking in the year 2020 and suggested to do more innovation activities to improve the ranking from Band B to higher levels.

Agenda 3: Important activities scheduled.

- Principal informed about the revision of Vision and Mission of the Institute.
- It has been requested to conduct Special lectures, Workshops with Hands on Training, etc for imparting the above mentioned skills. Presently, Tutorials with Virtual hosting could be organized by each department.
- IQAC Chair discussed about the Highlights of New Education Policy (NEP) and the changes that need to be brought in Teaching Methods/ Work Culture/ System.
- Prof.Radjaram informed that ISHRAE professional body has proposed to do Community development initiative (through promoting employability) by establishing Workshops / laboratories in the Institute and the institute has to provide 1000 square feet area to set up required equipment for the same.
- Professor R.Valli briefed about the International conference ICSCAN being conducted by our institute to promote research the quality of the Conference. She also added that, the Conference is indexed in Scopus due to its good citation.

Suggestions Provided by IQAC Committee Experts:

- The External committee members encouraged the activities and wished to help the institute in any kind of activities.
- Professor Kumarappan insisted to conduct awareness programme for the faculty on NEP and conduct more skill based trainings and value addition courses for the students as a first step to support NEP.
- Mr. M.Dhanasekaran Chairman and Managing Director directed the principal to prepare a new curriculum by each department and send to the university and recommend the university to revise the curriculum and syllabus according to new NEP objectives.

Agenda 4: Academics and Students performance in Examinations.

- IQAC Chair Person also presented the results, pass percentage of the University examinations conducted in March April 2021 (odd sem) and invited suggestions for improvement.

DEPARTMENT	I sem	III sem	V sem	VII sem
EEE	100	85.7	100	91.66
ECE	100	74.71	73.91	90.75
CSE	100	46.3	60.82	80.22
IT	100	92.04	65.45	92
MECH	100	31.57	38.33	62.92
MBA	93.9	98.21	-	-

- Dr.S.Malarkkan, IQAC Chair, discussed about the usage of LMS tools and integrating in the classrooms and welcomed suggestions from the committee members.

- IQAC Chair announced the Extension of Accreditation (for One Year) till June 2022, based on the compliance reports submitted by three Departments viz., ECE, CSE and Mechanical. The Heads of the respective department were requested to keep the required records ready for inspection at any time, within the Certified Period.
- Dr.Jayekumar informed about the Alumni Meet through Virtual Mode conducted on 05th June, 2021 at 05.00.p.m.
- Mr.M. Kalaichelvan, Chairman, CII Puducherry Chapter enquired about the Practical exposure of the students and the IQAC coordinator briefed about the Practical courses and the Experiential learning provided by the faculty in their courses.

Suggestions Provided by IQAC Committee Experts:

- Mr. K. E. Ramani, enquired about the latest courses provided and suggested to start new courses on B.Tech Artificial Intelligence or Machine Learning as there is huge demand in future.
- Dr.R.Saravanane , suggested the faculty can give real life problem from industries as experiential learning and also advised to improve the number of students who participate in the Experiential Learning activity.
- Professor Kumarappan insisted to go for Hybrid learning and more use of ICT tools in classroom teaching as the attention span of students have reduced to nearly 10 minutes. He also suggested to train faculty accordingly.

Agenda 5: Action plan and activities conducted.

- The IQAC chair addressed about the plan of action prepared for the current academic year on conduction of various activities to develop the students in the perspective of Academics, co-curricular and extra-curricular.
- THE IQAC coordinator briefed about the IIC activities in the institute. And informed the gathering that the institute has received 4 stars in the previous year and the achievement was applauded by all.
- The IQAC Chair informed the committee that the Institute has started to prepare the Self Study Report and have been gathering data for presentation in the new format prescribed by NAAC.
- A Orientation programme on "Quality Process and Control" was conducted by IQAC cell of our institution from 08.02.2021 to 13.02.2021 for all the faculty members of our institution.

Suggestions Provided by IQAC Committee Experts:

- Experts from the industries accepted for any kind of support to promote Innovation kind of activities and they assured the IQAC coordinator that they can provide experts to give awareness on various IIC activities like ideation, Business model, prototyping etc.

- The Industrial experts also informed the members that if there are any good quality findings, they will even arrange for a pitching event and provide a platform for the young inventors to get funding.
- Professor Alagumurthy urged the chair to go for NAAC accreditation at the earliest and promised to offer support while preparing for NAAC.

Agenda 6: Student Level Activities.

- The Training and placement officer briefed the members about the value added course given on niche areas through our centres of excellence and the international certifications they are about to obtain.
- IQAC chair also said about the initiatives in providing active learning methods to our students and asked for suggestions for improvement.

Suggestions Provided by IQAC Committee Experts:

- Professor Alagumurthy explained about the integration of OER resources provided by various institutes in teaching and advised the usage of such resource from first year to make students become active learners.
- Dr.Kumarappan claimed more use of MOOCs to make the students become active learners.

Agenda 7: Placement Training and Career Counselling.

- IQAC Chair informed the initiatives of the Placement Cell in promoting Employability and Competency.
- All HoDs were insisted to evolve best practices to improve the Technical Skills, Coding Skills and Communication Skills of the students.
- It has been reported that around 205 students have placed in varied reputed companies (viz. EEE – 37, ECE – 65, CSE – 47, IT – 37, Mech – 19).

Suggestions Provided by IQAC Committee Experts:

- The Experts from Industry appreciated the efforts of the Training and Placement cell and informed to the Placement officer to focus improving communication and more training to develop the skills is needed.
- Mr. S.Sureendar, MD, Flavors India (P) Ltd. Requested the faculty to communicate in English and interact more with students to develop communication skills and also suggested to do more activities for students to develop their interpersonal skills.
- Dr.Algumurthi advised the HODs to insist their faculty to follow best practices to improve communication skills, coding skills and analytical skills.

Agenda 8: Research, Patents & consultancy.

- Dr.R.Valli Briefed the committee about the Design Grants filed, granted during the last six months. She stated that nearly 30 designs have been granted and more are in process. She also informed the committee about the institutes orientation in making more products.
- Dr.R.Valli informed about the activities of the R&D cell and the motivation given to students for product making and patenting.

Suggestions Provided by IQAC Committee Experts:

- Dr.Alagumurthi encouraged and lauded the R&D efforts of the institute and requested to not stop with design grants and further make the prototype of the products and apply for funding .
- Mr. K.P.Vivekananthan, ACCL, Chennai, suggested to select some good products and encourage students to go for start-ups. He also said that academic institutes should produce more entrepreneurs.
- Mr. K.Bakkiaraj emphasized on inculcating the research attitude among UG students and asked to improve the number of publications.

Others:

- Mr. K. E. Ramani, recommended to establish a specific expertise and resource in a field, which can be used by industries and will help in consultancy.
- IQAC chair also said about the implementation of OBE and the faculty are being often trained and they are showing progress in developing quality deliverables.
- The committee appreciated the engagement of student through special lectures to create awareness about the emerging technical / technological trends in their respective subjects.
- HOD ECE updated about the extension activities in the institute and the involvement of students.
- Dr.Shanmugasundram, HOD/EEE explained about the energy conservation and renewable sources available in the Institute and demanded any suggestion for improvement. And the experts suggested to do regular audits.
- Dr.Kumarappan requested to take care of the emotional and health of the faculty and staff members as the pandemic is not yet over.
- Professor Alagumurthy demanded to implement all AICTE schemes which are very beneficial for the institutional growth.

The meeting ended with a formal vote of thanks by the IQAC coordinator.

R. Valli
13/8/21
IQAC Coordinator

Dr. R. VALLI
IQAC Coordinator
Manakula Vinayagar Institute of Technology
Puducherry



A. J. J.
13-8-21
IQAC Chair
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