



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)
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INTERNAL QUALITY ASSURANCE CELL

Action Taken report for the IQAC Meeting held on 29th June 2024

S.No	Suggestion by IQAC members	Action Taken
1	<p>Suggestions by Dr.N.Alagumurthi, Professor & Head, Department of Mechanical Engineering, Puducherry Technological University</p> <ul style="list-style-type: none">He suggested that, the institution may try for setting up a centre named "Excel through Material and Transformation through Innovation" (TIME). This center could function as a museum, showcasing various types of materials and its characteristics which can be used for varied applications.	<ul style="list-style-type: none">The establishment of the Atal Community Innovation Centre (ACIC) is currently under progress. The space is being carefully designed to foster innovation by providing a conducive environment for startups and innovators.It will be equipped with essential facilities such as dedicated workspaces and labs to support the development of ideas and projects. These facilities will enable entrepreneurs to collaborate, experiment, and refine their innovative solutions in a well-equipped and supportive setting.In response to the suggestion, a display of different types of materials with Nano Coatings, 3D Printed Polymer composites and nano particles reinforced rubber composites has been arranged in the Mechanical Department Lab. This display highlights a variety of materials, offering detailed information about variation in properties after addition of the reinforcements.
	<ul style="list-style-type: none">He also suggested that, the faculty members and the institution can take efforts to apply for more number of awards and achievements in order to stand as unique institution	<ul style="list-style-type: none">The institution has initiated steps to encourage faculty members to apply for more awards and recognitions in their respective fields. Efforts are being made to identify relevant awards, grants, and achievements, and faculty members are being supported to submit applications. <p>Some of the Notable Awards & Achievements</p> <ul style="list-style-type: none">Dr.R.Valli, Head (R&D) received the Best Innovator award in Sikaram Awards from News 18 during December 2024.

		<ul style="list-style-type: none"> • Dr.R. Valli, Head (R&D) received certificate of appreciation from IEEE India Council for serving as academic mentor in the Professional Mentoring Program (PMP) 2024 organized by IEEE India Council Industry Academic Young Professionals committee (IAYPC). • 2 of our patents have been selected as Top – 80 IP driven solutions addressing SDG needs by Intellectual Property Office, Gol. • Dr.R. Valli, Head (R&D) received “திருக்குறள் ஆய்வு நெறிச்செம்மல் விருது” on 15th September 2024.
2	<p>Suggestions by Ms.Nandhini, Sr.Executive Officer, Accounts & Finance, TANFAC, Cuddalore</p> <ul style="list-style-type: none"> • She suggested to form a committee “Mental well being committee” to arrange programs such as Yoga to improve the mental well being of the students and staff. 	<ul style="list-style-type: none"> • MVIT – HOPE (Harnessing Optimism for Psychological Empowerment) has been formed with the following objectives. <ul style="list-style-type: none"> ▪ Offer counselling and peer support to help individuals deal with stress, anxiety, and challenges. ▪ Promote healthy habits to balance academic, work, and personal life. ▪ Plan and execute wellness initiatives, including yoga sessions, mindfulness workshops, and stress management activities. • The IQAC organized “Relax, Recharge and Renew: Yoga for educators” from 11th to 15th November 2024 for the Non-Teaching staff members. • The NSS (National Service Scheme) Cell of our institution has consistently been organizing yoga programs to promote mental and physical well-being among students and staff. • Seven Days Yoga Workshop conducted for the interested students from 2nd to 7th August 2024 by NSS cell. • One day yoga session for the first-year students conducted by NSS cell on 13th September 2024.
	<ul style="list-style-type: none"> • She also suggested arranging for Artificial Intelligence short term programs for the other domain students and faculty members. 	<p>Students</p> <ul style="list-style-type: none"> • Minor courses in Artificial Intelligence, Data Science, and Machine Learning will be offered in the 2024-25 Even semester for Core Engineering

		<p>branches</p> <ul style="list-style-type: none"> The AIML Department will delivering the short-term courses for the core Engineering Branch students <p>Faculty members</p> <ul style="list-style-type: none"> The IQAC organized PDP program titled "AI Applications in Engineering Domains" from 24th to 28th September 2024 for the Teaching Faculty. A short-term course on Artificial Intelligence was conducted for faculty members. 40 Faculty members from various departments attended and successfully completed international certifications Interdisciplinary Faculty Development Program titled "Embracing the future contemporary technologies in Engineering" was conducted from 2nd to 7th December 2024.As part of the FDP, session titled "Applications of AI-ML in various fields" was delivered by Dr.S.Mohamed Mansoor Roomi,Professor & Dean,Thiagarajar Engineering College,Madurai.
3	<p>Suggestions by Abilash (2015-2019 Batch), Alumni, EEE</p> <ul style="list-style-type: none"> Mr. Abilash suggested that Computer Science branch students should pursue courses in SAP and Salesforce, focusing and obtain Salesforce Administrator certificates through specialized training programs. He also recommended that training programs in Data Analyst courses, coupled with Python programming, which could significantly enhance students' prospects for better placements significantly. 	<ul style="list-style-type: none"> Professional Development Program on "ABDE design" was conducted for the Non – Teaching staff members from 14th to 18th October 2024 Quality Improvement Programme on "Data Analysis" and "Data Visualization Tools" were conducted for III year AIML students from 26th August to 2nd September 2024 Value Added courses on "Python programming" and "Data Analyst courses" were conducted from 9th to 14thDecember 2024for II-year IT students. The students have also undertaken IBM certification on Python with Data Science.

	<ul style="list-style-type: none"> • He also suggested that the Placement cell can facilitate and guide the students to be prepared for taking up jobs in product-based companies rather than the service-based companies 	<ul style="list-style-type: none"> • The Placement Cell has taken note of the suggestion and is working on developing strategies to provide students with resources, guidance, and training to enhance their preparedness for product-based companies. • The training sessions were successfully delivered, equipping students with the necessary skills and knowledge tailored to the industry-specific requirements of Zoho and Infosys from July to December 2024.
4	<p>Suggestions by Mr.Dineshkumar,Supply Network Specialist, Caterpillar India Pvt Ltd, MBA Alumni(2014-16 Batch)</p> <ul style="list-style-type: none"> • He suggested that interested MBA students could be categorized separately, and specific tailor-made courses can be offered to them. The courses such as Basic Excel with SQL, Power BI, and Tableau will enhance the data analytical capabilities of the students and help them to find a place in the job market. 	<ul style="list-style-type: none"> • The MBA department organized one day workshop titled "Power BI, and Tableau" on 20th September 2024 for MBA students • The MBA department organized Value added course titled "ADVANCED EXCEL" from 20th to 25th Jan 2025 for MBA students
5	<p>Suggestions by Mr.Vijay Augustin,Senior Executive HR,Modine Thermal systems Pvt Ltd., MBA Alumni(2011-13 Batch)</p> <ul style="list-style-type: none"> • He suggested that mechanical Engineering students can undergo training in CATIA, SolidWorks, and related areas to strengthen their qualifications for core company placements. 	<ul style="list-style-type: none"> • The SolidWorks lab course and related tools were taught during the lab sessions for Mechanical Engineering students. • The Mechanical Department also submitted a proposal to Principal for conducting the SolidWorks course for students during the 2024-25 Even Semester. • Value added course on "Solidworks" was conducted for II-year RA students from 9th to 14th December 2024.
	<ul style="list-style-type: none"> • It is recommended that for MBA students, training in Labour Law and Administrative Law may be arranged to deepen their understanding of legal frameworks essential for effective management roles. Such training would provide them with insights into labor regulations, employment practices, and administrative procedures crucial for 	<ul style="list-style-type: none"> • Expert lecture titled "Indian Labour Law" was arranged for II year MBA students on 28th Sept 2024. Mr.A.Vijay Augustin, HR-Manager, Modine Thermal Systems Pvt Ltd delivered the session. • Expert lecture titled "Bridging theory to Practice – Management Lesson" was arranged for MBA I year students on 20th December 2024. Mr.M.Krishnaraj, Manager-HR, Lebracs Rubber

	navigating organizational challenges and ensuring compliance with legal requirements.	Lining Ltd., Puducherry delivered the session.
6	<p>Suggestions by Ms.Saisaranya, CSE Alumni (2015-2019 Batch)</p> <ul style="list-style-type: none"> • Students should be encouraged to take up the real time challenges being faced by the industries as projects and try to develop the solutions. • These projects not only enhance students' problem-solving abilities and technical skills, but also foster collaboration with industry professionals, expanding their professional network and chance of placement. 	<ul style="list-style-type: none"> • Students of III year CSE are working on a consultancy project of Lucas TVS in association with Ignite SkyLabs, a start-up incubated and functioning at MVIT Campus. • Five students from IV year EEE are working on a project related to Electric Vehicle Battery Management at Touch Solar, Puducherry. • Sharath, III Year CSE & Haarris, IV-year ICB have worked as intern in real time project developed by Singapore based company GEEPLX Tech Solutions Pvt Ltd in the domain AR/VR. • Prathap B, III year RA, has undertaken consultancy work in Battery Drainage Testing for Godrej Pvt Ltd, Puducherry.

R. Valli
24/4/15

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Dr. R. VALLI

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