



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

KALITHEERALKUPPAM, PUDUCHERRY-605107

DEPARTMENT OF MECHANICAL ENGINEERING

NEWSLETTER 2022-23 (ODD SEM)

DEPARTMENT ACTIVITY

VIGILANCE AWARENESS PROGRAMME



Department of Mechanical Engineering and The Institution of Engineers (India) Puducherry MIT Students chapter (Mechanical Engg.) had organized a Vigilance Awareness Programme by Dr. S. BASCARANE, Superintendent of Police-Vigilance & Anti-Corruption, Police Department, Puducherry on 19.10.2022.(Wednesday)



WORLD STANDARDS DAY

WORLD STANDARDS DAY PROGRAMME was conducted in association with National Institution for Quality & Reliability NIQR – MIT Mechanical Engg Students Chapter of Manakula Vinayagar Institute of Technology on **03.11.2022**.

Dr.S.Malarkkan, Principal, gave brief note about the program and Dr. B Radjaram, Head of the department (Mechanical Engineering) & Chairman of the Institutions of Engineers (India)- Puducherry state centre honoured & introduced the chief guest, Mr. KRISHNARAJ GURUNATHAN Engineering Manager- FOSECO India Limited Puducherry. Dr. P. Natarajan, Assistant professor, welcomed all. The chief guest addressed the students on theme Shared Vision for a better world with sustainable development goals to spread awareness about the significance of standardization in the global economy among regulators, consumers, and industries to achieving the sustainable development goals. The lecture detailed about the seventeen goals of SDG's and various ISO's guidelines to be followed by the industries. Also he

WORLD ENVIRONMENT DAY

On account of world Environment day – Department of Mechanical Engineering has organized a two days **Traffic survey** at Puducherry city **07.07.2022 AND 08.07.2022** with IEI Puducherry state centre and Puducherry police department. Totally 106 students were participated on this event.

TRAFFIC SURVEY



delivered about CSR (Citizen social Responsibilities) to achieving the Lean Clean and green world (LCG).

World Standards Day Programme is organized in this institution to create an impact among the young minds of this society. Mr. S. Ganesh Kumar, Assistant professor gave vote of thanks. The college and National Institution for Quality & Reliability NIQR – MIT Mechanical Engg Students Chapter are conducting such special lecture programme as part of Institution's social responsibility



ENGINEERS DAY

07/11/2022 on account of Engineers day, Department of Mechanical Engineering conducted Engineer Day program in association with the Institution of Engineers India (IEI) Mechanical Engineering student chapter.

.Dr.S. Malarkkan, Principal, gave brief note about the program and Dr. B Radjaram, Head of the department Mechanical Engineering honoured & introduced the chief guest, Er.S. Naresh, GearBitz Technologies,



Puducherry, talked about the various technologies and scopes of entrepreneurship skills. on the topic “**Smart**

Engineering for a Better World”.. The students were benefited about various start-ups ideas.

INDUSTRIAL VISIT

IV year Mechanical students had gone on 12.11.2022 to SEA BLUE ship yard, Kochi.



II year and III year students had went for industrial visit to GEE DEE science museum, Coimbatore on 19.11.2022.



II year and III year Mechanical students had went for the industrial visit to Kodaikanal solar observatory on 20.11.2022.



II year and III year Mechanical Engineering students went for Industrial visit to **Southern Railway, CENTRAL WORKSHOP, Ponmalai, Trichy** on 21.11.2022



STAFF ACTIVITIES

JOURNAL PUBLICATIONS

1. Dr. A. Mathiarasu & Dr. B. Radjaram has published a paper on “ Experimental investigation on the performance characteristics and emissions of a CI engine fuelled with enhanced microwave-assisted Karanja seed bio-oil” in the journal **Environmental science and pollution research**. (SCI) , SPRINGER Publication. (Impact Factor :5019)

2. Dr .P. Sivasankaran has published a paper on Optimization of Distribution problem in logistics using ANY LOGIC – simulation approach in the journal International journal of application or innovative in engineering and management (Scopus)

3. Dr. P. Sivasankaran, has published a paper on Quality Concepts In Product Design – Survey, in the journal ACTA Technologia.- International Scientific Journal About Technologies

4. Dr. P. Sivasankaran, has published a paper on Importance of Simulation in Robotics – Case Study of Robot Workstation Using Simulation Method, in the journal titled journal of mechanical robotics.

5. Dr. P. Sivasankaran, Mr. Senthil Kumaran, Dr. P. Natarajan has published a paper on “ Importance of quality concepts in education industry in the current trend’ –Review .in the journal titled International journal of engineering and management Research.

WORKSHOP COURSE

1. Mr. A. Thiagarajan, has attended workshop on Sustainable HVAC & Architecture organized by ISHRAE Chapter on 17.12.2022.

2. Mr. A. Thiagarajan, Mr. R. Ilandjezhian, Dr. A. Mathiarasu. and Dr P. Natarajan, has attended a workshop on Nuclear technology for the society organized by IGCAR , Kalpakkam on 17.08.2022.

3. Mr. A. Thiagarajan, Mr. R. Ilandjezhian, Dr. A. Mathiarasu Dr P. Natarajan, Dr. P. Sivasankaran and Mr. S. Krishnakumar, Has attended a workshop on Patent Drafting & Copyright Protection organized by Manakula Vinayagar institute of technology, Puducherry on 12.01.2023.

FDP COURSE

1. Dr. P. Sivasankaran has attended 21 Online days online FDP programme on Teaching Platform and Tools (Technology Management In Education, organized by Scroll Well from 25.11.2022 to 15.12.2022
2. Dr. P. Natarajan Has attended FDP program on “Advanced Materials Processing and Characterization Methods “Organized by Department of Physics, National Institute of Technology, Puducherry from 26.12.22 to 30.12.22.

WEBINAR/INVITED SESSIONS

1. Dr. B. Radjaram has chaired a session on Advances in Battery Technologies for electric and hybrid vehicles at Mechanical engineering convention , organized by Institute of Engineers (India) , Telangana state centre ,” Visvesvaraya Bhavan”, Khairatabad, Hyderabad from 9.12.22 to 10.12.22.
2. Dr. P. Sivasankaran/ Assoc Prof /Mech Engg gave a talk on Simulation In Logistics network – Keynote address organized by **International Conference on Recent trends in Management, Engineering & Technology on 26th December 2022.**
3. DR. B. Rajdram attended 37th Indian Engineering Congress on theme “**Role of Engineers for creating a sustainable and self Reliant India**” Organized by IE(I) at Chennai from 16 to 18 December 2022.
4. DR. B. Rajdram was invited as chief guest for “ World Standards Day” Organized by NIT, Karaikal on 14 October 2022.

FACULTY ACHIEVEMENT IN CONFERENCE

1. Mr. S. Ganesh Kumar has received best paper award for the work titled “Studies On The Morphology, Tensile And Tear Attributes Of Ethylene Propylene Diene Monomer Rubber Nano Composites Reinforced With Amine

Functionalized Graphene Nanoplatelets “ in The 3rd International Conference on Future Technologies in Manufacturing, Automation, Design & Energy) , 14th December 2022,NIT ,Karaikal.

PLACEMENT DATA

Students from Mechanical Engineering current final year batch 2019-23 has placed in reputed companies. The details with count are given below:

CTS – 02 placed

TCS – 01 placed

Sutherland – 03 placed

Emerson - 01 placed

IMPORTANT ACTIVITIES

HoD /Mechanical Prof. Dr. Rajadram had inaugurated the launch of hybrid Toyota vehicle in Toyota show room at Puducherry on 10.10.2022.Following a demo cum interactive session for Mechanical students on hybrid vehicles by Toyota Executive.



Our final year mechanical engineering student Mr. Anugrah had a demonstration of working of DRONE to our army officers in the DEFEXPO, Gandhi Nagar Gujarat. From 18.10.2022 to 22.10.2022.

