



**Vel Tech High Tech**  
**Dr. Rangarajan Dr. Sakunthala Engineering College**  
An Autonomous Institution  
(Approved by AICTE, New Delhi Affiliated to Anna University, Chennai)  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**NEWSLETTER JUL TO SEP 2022**

**INDUSTRIAL VISIT**

**Place of Visit:** Pennar Industries Pvt Ltd-Periyapalayam.

**Date of Visit:** 28th September 2022.

The Department of Mechanical Engineering arranged an Industrial Visit on 28th September 2022 to Pennar Industries Pvt Ltd-Periyapalayam., for the IV Semester Students. Faculty Mr. S. Velmurugan, Assistant Professor, Department of Mechanical Engineering accompanied the students to the visit. This industrial visit made the students explore the industrial environment and also they learnt about the machines and their unit operations used in the production of steel components in a scalar quantity.



## STUDENTS CORNER

### Student Participation in Workshop

S. NO.	YEAR/ SEM	NAME	NAME OF THE EVENT	TITLE OF THE EVENT	DATE	COMPANY/ INSTITUTE NAME
1	II/III	ShyamSundar K	Workshop	Electric And Hybrid Vehicle Workshop	21/08/2022	Top Engineers At Iit Madras Research Park, Chennai.
2	II/III	Aaron T	Workshop	Electric And Hybrid Vehicle Workshop	21/08/2022	Top Engineers At Iit Madras Research Park, Chennai.

### Student Participation in Symposium

S. NO.	YEAR/ SEM	NAME	NAME OF THE EVENT	TITLE OF THE EVENT	DATE	COMPANY/ INSTITUTE NAME
1	II/III	ShyamSundar K	National Level Technical Symposium	Paper Presentation, VERSIO'22	28/09/2022	SRM Engineering College, Ramapuram, Chennai.
2	II/III	Aaron T	National Level Technical Symposium	Paper Presentation, VERSIO'22	28/09/2022	SRM Engineering College, Ramapuram, Chennai.
3	II/III	Santhosh Raj Y	National Level Technical Symposium	Paper Presentation, VERSIO'22	28/09/2022	SRM Engineering College, Ramapuram, Chennai.

## FACULTY CORNER

### Faculty participation in Webinar/ Workshop

S. NO.	NAME OF FACULTY	NAME OF THE EVENT	TITLE OF THE EVENT	DATE
1	Mr. V Yogesh	Webinar	Identifying Real Time Societal Problems for the Conduct of Research, "Impact Lecture Sessions-2", Department of Computer Science & Engineering of Shri Vishnu Engineering College for Women(A) and IIC Cell.	30/07/2022

2	Dr. N Gayathri	International webinar	"The role of Systems Integration in Logistics and Supply chain systems Implementation", SIMATS school of engineering, Kuthambakkam.	04/08/2022
3	Mr. S Rajamanickam	International webinar	"The role of Systems Integration in Logistics and Supply chain systems Implementation", SIMATS school of engineering, Kuthambakkam.	04/08/2022
4	Mr. R Manjunathan	International webinar	"The role of Systems Integration in Logistics and Supply chain systems Implementation", SIMATS school of engineering, Kuthambakkam.	04/08/2022
5	Mr. V Yogesh	International webinar	"The role of Systems Integration in Logistics and Supply chain systems Implementation", SIMATS school of engineering, Kuthambakkam.	04/08/2022
6	Mr. V Yogesh	International webinar	Electrified transportation – the past, present and future.	05/08/2022
7	Mr. V Yogesh	Webinar	"Filing a National and International Patent and Understanding the Procedure for the Same", Department of Computer Science & Engineering of Shri Vishnu Engineering College for Women(A) and IIC Cell.	06/08/2022
8	Mr. V Yogesh	Webinar	Webinar titled “Supply Chain Analytics and its impact in Digital Transformation, Organized by Department of Information Technology , AalimMuhammedSalegh College of Engineering	29/08/2022

### Faculty participation in Faculty Development Programme (FDP)

S. NO.	NAME OF FACULTY	FDP ON	Organized by	NO OF DAYS	DATE
1	Mr. K. Mariyappan	Product Design Engineering using Fusion 360	ICT Academy & Sri Sairam Engineering College	5	01/08/2022 to 05/08/2022
2	Mr. Yogesh V	Product Design Engineering using Fusion 360	ICT Academy & Sri Sairam Engineering College	5	01/08/2022 to 05/08/2022
3	Mr. R. Palani	Futuristic Research in Mechanical Engineering	SRM Institute Of Science And Technology, Ramapuram, Chennai.	6	08/08/2022 to 13/08/2022

4	Mr. Yogesh V	Industry 4.0, NaanMudhalvan. Train the Trainees	Thiruvalluvar University, Vellore.	2	29/09/2022 & 30/09/2022
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### Faculty Publication

S. NO.	NAME OF THE FACULTY	TITLE OF THE PAPER/ BOOK/ BOOK CHAPTER	JOURNAL/ PUBLISHER	VOLUME/ ISSUE / PAGE NO./ DOI	MONTH & YEAR PUBLISHED
1	Dr. P. Nagasankar	Design and Fabrication of ThermoElectric Air Cooler	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
2	Dr. R. Suresh	Design and Fabrication of Thermoelectric Refrigeration.	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
3	Dr. R. Suresh	Design and Fabrication of Grass Cutter with Vacuum Cleaner	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
4	Dr. R. Suresh	Design and fabrication of solar powered mini air cooler	International Journal of Novel Research and Development.	Volume 7 Issue 8	August 22
5	Dr. N. Gayathri	Design and Performance of Solar Refrigerator	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
6	Mr. P. Balaji	Design and Fabrication of Automated Air Conveyor	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.

7	Mr. P. Balaji	Design and Fabrication of Mini Lathe	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
8	Dr. P. Vijayasarithi	Design and Fabrication of Mini Biogas Plant Using Kitchen Waste	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
9	Dr. P. Vijayasarithi	Design and Fabrication of Kinetic Energy Recovery System in Bicycle	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
10	Dr. P .Vijayasarithi	Elimination of lead by biosorption on partheniumstem powder using box-behnken design.	South African Journal of Chemical Engineering.	<a href="https://doi.org/10.1016/j.sajce.2022.08.006">https://doi.org/10.1016/j.sajce.2022.08.006</a>	August 2022.
11	Mr. R. Manjunathan	Design and Fabrication of Automatic Black Board Cleaner	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
12	Mr. R. Manjunathan	Design and Fabrication of Mini Belt Grinder	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
13	Mr. R. Palani	Design And Fabrication Of Dual Shaper Using Scotch Yoke Mechanism	International Journal of Novel Research and Development	Volume 7 Issue 7	July 2022
14	Mr. R. Palani	Design and Development of Solar Panel Cooling System	International Journal of All Research Education and	Volume 10 Issue 7	July 2022.

		Using Peltier Elements for Efficiency Increase	Scientific Methods.		
15	Mr. R. Palani	Design and Analysis of Automatic Footboard Accident Prevention System using Gear Tooth System	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
16	Mr. R. Anbazhagan	Design and fabrication of hydraulic cabot stand	International journal of novel research and development.	Volume 7 Issue 7	July 2022
17	Mr. S. Hari Krishna Raj	Design and Fabrication of Electrical Power Generation Using Speed Breaker	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
18	Mr. S. Hari Krishna Raj	Design and Fabrication of Power Generation Using Speed Breakers	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
19	Mr. S. Rajamanickam	Design And Fabrication of Roller Tool For metal Spinning Process	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
20	Mr. V. Nagarajan	Design and fabrication of regenerative Braking System	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
21	Mr. V. Nagarajan	Design and Fabrication of Agriculture Paddy Cleaning Machine Using Solar Power.	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.

22	Mr. T.V.B.Babu	Design and analysis of composite of aluminum-7075 and Si-C metal matrix composite with egg shell.	International journal for research in applied science and engineering technology.	Volume 10 Issue 7	July 2022.
23	Mr. Yogesh V	Compact Drilling and Cutting Machine – An Experimental Approach	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7 DOI: <a href="https://doi.org/10.56025/IJARES.M.2022.107891">https://doi.org/10.56025/IJARES.M.2022.107891</a>	July 2022.
24	Mr. R. Manjunathan	Automatic Traffic Signal With Spike Control	International Journal of Novel Research and Development	Volume 7 Issue 7	July 2022.
25	Mr. R. Manjunathan	Design and Fabrication of Indexing Drill Jig	International Journal of Novel Research and Development	Volume 7 Issue 7	July 2022.
26	Mr. R. Manjunathan	Design and Fabrication of Automatic Black Board Cleaner	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.
27	Mr. R. Manjunathan	Design and Fabrication of Mini Belt Grinder	International Journal of All Research Education and Scientific Methods.	Volume 10 Issue 7	July 2022.