

NEWS LETTER



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
Deemed to be University u/s 3 of UGC Act, 1956
VADAPALANI

DEPARTMENT OF MECHANICAL ENGINEERING

MECHRONICLE E-MAGAZINE

JULY-DEC 2022



INDEX

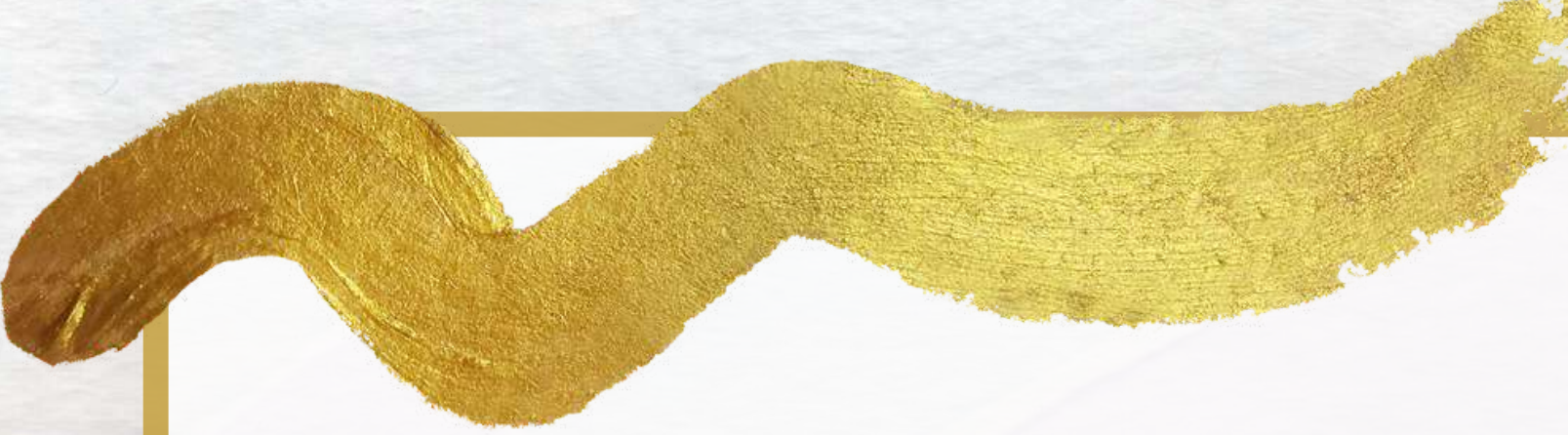
- 1. MESSAGE FROM THE HEAD OF DEPARTMENT**
- 2. ABOUT THE DEPARTMENT**
- 3. EVENTS**
- 4. FIRST YEAR MECHANICAL INDUCTION PROGRAMME**
- 5. STUDENTS ACHIEVEMENTS**
- 6. FACULTY DEVELOPMENT PROGRAM**
- 7. RESEARCH PUBLICATIONS**
- 8. PATENTS FILED**
- 9. PLACEMENT DETAILS**
- 10. EDITORIAL BOARD**

MESSAGE FROM HEAD OF THE DEPARTMENT






DR. R. RAJARAMAN
PROFESSOR AND HEAD,
DEPARTMENT OF MECHANICAL ENGINEERING

It is a great pleasure to reach you all with MECHRONICLE Department newsletter of Mechanical Engineering, SRM Institute of Science and Technology, Vadapalani Campus. This newsletter brings in various events, functions, and happenings in our department. Our department pioneers in offering a student-centered atmosphere covering up all the verticals in hybridizing the learning environment and bringing out the student's talents. When the whole world was paused, our university and department tirelessly worked on connecting our students through virtual environment. Nevertheless, we offered the best learning experience while they learnt from home or on campus. The research yields were maintained, and many research papers were submitted and published in reputed journals. Many events were organized for our students in the virtual platform, including National conference on Advanced Research in Mechanical Sciences, Faculty Development Program on Artificial Intelligence and Machine Learning, etc..



Our fourth year B. Tech Mechanical Engineering student Ms. Nethra Kumanan represented India in the 2020 Olympics in Tokyo, Japan. She was the first women sailor of India to qualify for Olympics. Our department expanded our alumni connects by organizing mentoring sessions for our current students. We have active collegiate clubs like Society of Automotive Engineers (SAE), Indian Society for Technical Education (ISTE), National Institution for Quality and Reliability (NIQR), Institution of Engineering and Technology (IET), Institute of Indian Foundrymen (IIF) and Automation and Robotics club (ARC) that strives to bring in few more Industry connects in addition to the existing ones to bridge the gap between industry and academia. I hope and trust our department will deep root the knowledge of engineering into the minds of young people and prioritize to provide a diverse learning environment to meet and face new challenges in the coming years. We are thriving to lift our department to the next level and make it the Department of Eminence (DoE) very soon. I thank all our students and faculty members for their contribution made and to be made. I congratulate the team for their efforts to bring out this newsletter successfully.



ABOUT THE DEPARTMENT

The fourth industrial revolution is known as “Industry 4.0”, a German concept where the industrial operations are fully automated by adapting Internet of Things, Robotics, Smart Manufacturing concepts.

“Industry 1.0”- use of steam engines

“Industry 2.0” - use of electricity

“Industry 3.0” - use of computers

“Industry 4.0”- integration of cyber and physical systems in manufacturing

Worldwide industries have started to implement “Industry 4.0” concept thereby giving new mentions to manufacturing technology. The Department of Mechanical Engineering, SRM IST Vadapalani Campus is offering the following courses with specializations to cater the requirements of “Industry 4.0”.

B.Tech - Mechanical Engineering.

B.Tech - Mechanical Engineering with Specialization in Artificial Intelligence and Machine Learning.

The B.Tech. in Mechanical Engineering is a comprehensive degree program. The goal of the Mechanical Engineering curriculum is to create a flexible undergraduate educational experience in Design, Mathematics, Modelling, Computing, Management, Engineering Science, Humanities, Social Sciences, and Fine Arts. Principal study topics include Fluid mechanics, Thermodynamics & Heat transfer, Solid mechanics, Materials engineering, Manufacturing, Energy systems, Dynamics & Control, Computer Aided Design (CAD), Computer Integrated Manufacturing (CIM) and others. This broad and flexible program allows students to customize their programs to meet their objectives and particular career goals. Traditional students can prepare for technological careers in industry, graduate school of management. The more interdisciplinary students can utilize this program as a launching pad for professional careers in business or public service.

Industrial connection

The department has to its credit corporate training programs, industrial consultancy, and funded projects from government bodies. These connections served to benefit students in the form of good placements, well-equipped laboratories, and industrial exposure. The participation of industries in curriculum designing has helped the department to keep pace with fast-changing industrial needs. The department also benefits from the visiting professor programs of AICTE through which highly experienced senior executives deliver lectures to staff and students

Careers

The program enables the students to take up careers in a broad spectrum of industries. Many of the IT industries also have CAD/CIM divisions, which increases the job potential of mechanical engineers. Around 70% of the students are placed in reputed industries practicing core and allied engineering, through campus recruitment and the remaining 30% prefer higher studies in India and abroad.

Vision

To emerge as a World - Class University in creating and disseminating knowledge, and providing students unique learning experience in Science, Technology, Medicine, Management, and other areas of scholarship that will best serve the world and betterment of mankind.

Mission

MOVE UP through international alliances and collaborative initiatives to achieve global excellence.

ACCOMPLISH A PROCESS to advance knowledge in a rigorous academic and research environment.

ATTRACT AND BUILD PEOPLE in a rewarding and inspiring environment by fostering freedom, empowerment, creativity, and innovation.


EVENTS

SRM Institute of Science and Technology, Vadapalani Campus Department of Mechanical Engineering “Mock Interview” on 18.07.2022

The Department of Mechanical Engineering, SRM IST- Vadapalani campus has organized a Mock Interview for the final year students on 18.07.2022. The objective of the program was to provide students with a basic knowledge on how to make appropriate decision after completing their undergraduate program. Our Alumnus were the Resource persons, Mr. Abhay K, Management Trainee Saint Gobain India (P) Ltd. Mr. Lalith Deepak M. S., Graduate Engineer Trainee Prism Johnson Ltd.

The Mock interview delivered speech which introduced to final year students, Our Alumnus were welcomed. The arena was first taken by Mr. Abhay K who imbibed us with how important it is to make a right decision in life after completing B.Tech. Program. He also explained about his life experience on making decisions and his interests as well. The Mock interview was including technical, Aptitude, group discussion and HR interview process.


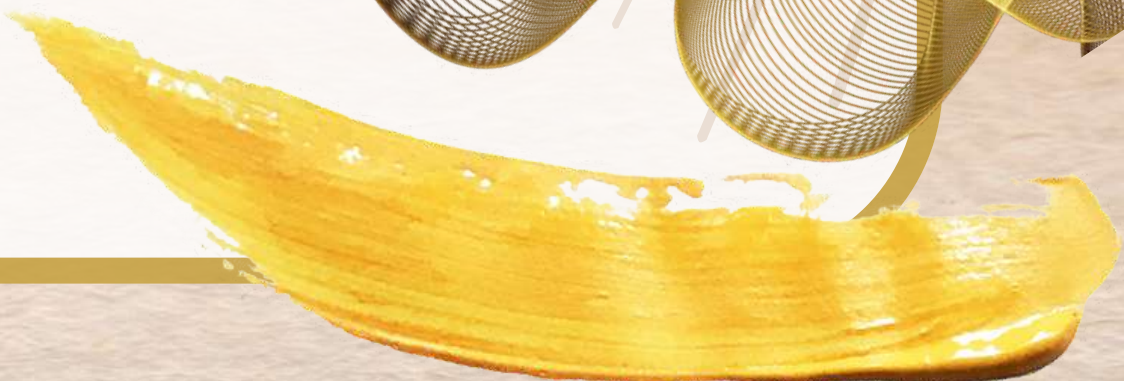
The Mock interview was really helpful for final year students in deciding what are they pursue next after their B. Tech degree, the session was well organized, and the flow of presentation was impressive, Our Alumnus were really friendly, and they were conveying personal friendly advice through this session, they interacted with many of us and consulted our point of view on making decisions.



SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering
“Workshop on Design Thinking and New Product Development” on
17.08.2022

The Department of Mechanical Engineering, SRM IST Vadapalani campus organized a workshop on “Design Thinking and New Product Development” for the third year students on 17.08.2022. The goal of the workshop was to expose the students to various design thinking processes and to understand and learn the basics of the Autocad software. The workshop was conducted by CADD Centre under their Systematic Knowledge Enrichment Program(SKEP). The resource person was Mr.S.Ramanan, who is a trainer from CADD Center.

The workshop started with a theory session where the resource person explained about various products and how their design was formulated and the role of design engineers in society. Then a practical session was conducted where students were given hands-on experience on working with the autocad software. The students were also given worksheets to test their design skills. The students found this session interesting and very useful and interactive.



**SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering**

**MEMORANDUM OF UNDERSTANDING (MoU) Signed
between**

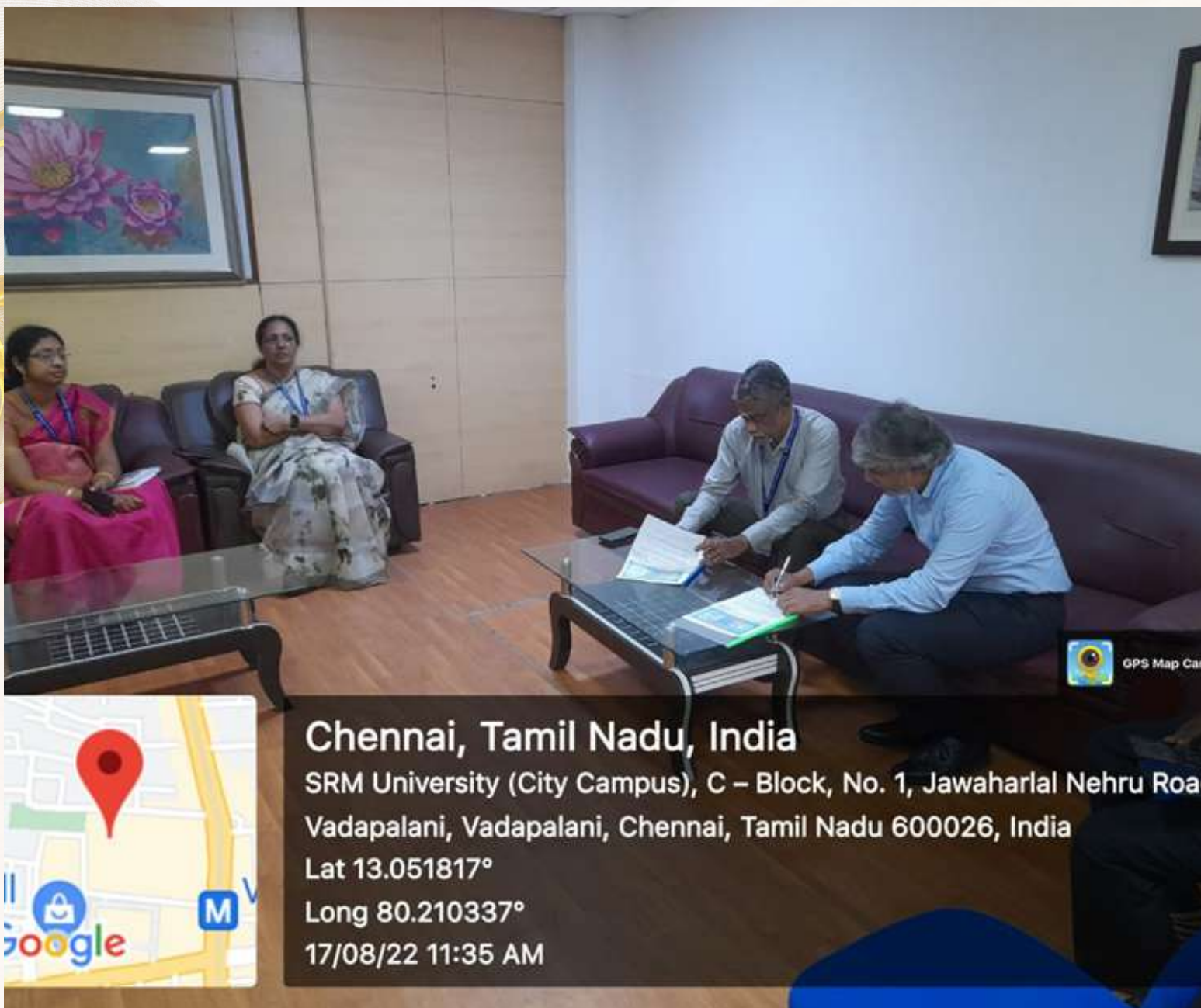
SRM INSTITUTE OF SCIENCE & TECHNOLOGY

Vadapalani Campus, Chennai, 600026

&

M/S. BAROLA TECHNOLOGIES,

27/11 Soundar Rajan street, Chennai- 600017



The Department of Mechanical Engineering, SRM IST Vadapalani campus has signed an MoU with M/S. BAROLA TECHNOLOGIES, Chennai on 17-08-2022 (Wednesday). This MoU was signed by Mr.Suresh Barola S (Head Operations, Barola Technologies, Chennai) and Dr. C.V. Jayakumar (Dean, CET, SRM IST, Vadapalani Campus). This MoU is intended for setting up of Centre for Innovation by Barola Technologies at SRM IST Vadapalani Campus. Followed by Barola Technologies will provide training / internship to all engineering students of SRM IST, Vadapalani Campus. With this MoU, some collaborative project works shall be carried out by our students with Barola Technologies in real time projects in the field of IoT, Robotics (AerialBot, GroundBot and Under-Water), AR, VR, Embedded Solutions, Fabrication, Design and Development and all other emerging technologies.



SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering
“Seminar on Higher Education in India vs Abroad” on 26.08.2022

The Department of Mechanical Engineering, SRM IST Vadapalani campus organized a Seminar on “Higher Education- India vs Abroad” for the Third year students on 26-8-2022. The goal of this seminar was to explain the various prospects of studying in universities abroad and their overall benefits to students. The resource person was Mr. Abdul Navas, who was from KC Overseas Osprey Academy.

The resource person also explained about the various examinations and procedures to be taken in order to apply for these universities and he explained about the various countries students generally prefer to go to. He also insisted that the pre-final year is the best time to start planning for higher education as one can fully focus on preparation for the various exams that they may need to face with good scores. He also explained how KC Overseas Osprey Academy helps students for preparation and admission process into various universities abroad. Overall, the students felt the session being very useful for their future.

SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering
“Industrial Visit to Sea Blue Shipyard, Kochi” on 15.09.2022

The Department of Mechanical Engineering, SRM IST Vadapalani campus organized an Industrial Visit to Sea Blue Shipyard on 15-09-2022 for the final year students. The students went to Sea Blue Shipyard as part of a 4 day educational tour to kerala. The students were accompanied by Mr. Kamatchi Hariharan M and Mr. Ravikumar K

The students were shown around the shipyard and were given a brief explanation on the ships that were docked in the yard and what was its purpose. They were also told the importance of maintenance of ships and how it would directly affect the longevity and effectiveness of the ship.

The entire tour lasted for 4 days where students visited Munnar, Cochin and Alleppey. The students found the tour to be very exciting and refreshing,



SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering
“Industrial Visit to Integral Coach Factory, Chennai” on 20.09.2022

The Department of Mechanical Engineering, SRMIST Vadapalani campus organized an Industrial Visit to Integral Coach Factory (ICF) on 20-09-2022 for the second and third year students. The students were accompanied by Dr. Suresh Kannan I and Mr. Arunnath A for the visit.

The students were taken to the factory inside ICF, to see how each and every coach was manufactured from scratch, and how the factory works tirelessly to produce over 2000 coaches every year. Each Process was briefly explained and the students were taken to the actual bays of the factory to see the manufacturing process. Then, the students were taken to the Chennai Rail Museum, present inside ICF campus, and learnt about the history of railways in India and how ICF was instrumental in the history of Indian Railways. The students found the industrial visit very enjoyable and learnt many things from it.



SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering
“Industrial Visit to CSIR Laboratories, Chennai” on 26.09.2022

The Department of Mechanical Engineering, SRM IST Vadapalani campus organized an Industrial Visit to CSIR laboratories on 26-09-2022 for the first year students of the department. The students were accompanied by Mr. Leela Prasad. G and Mr. Umapathy. A for the Industrial Visit.

The students visited CSIR as part of their open day celebrations where the labs were open for that day and students could see real life industrial equipment and learn about their uses practically and in real time. They were taken around multiple labs in the facility and were given brief explanations on how the equipment functioned and also their significance in the industry. Overall, the students found this visit very useful.



SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering
“Industrial Visit to Sea Blue Shipyard, Kochi” on 26.09.2022

The Department of Mechanical Engineering, SRM IST Vadapalani campus organized an Industrial Visit to Sea Blue Shipyard on 1-10-2022 for the third year students. The students went to Sea Blue Shipyard as part of a 4 day educational tour to kerala. The students were accompanied by Dr. Suresh Kannan I and Mr. Leela Prasad G.

The students were shown around the shipyard and were given a brief explanation on the ships that were docked in the yard and what was its purpose. They were also told the importance of maintenance of ships and how it would directly affect the longevity and effectiveness of the ship.

The entire tour lasted for 4 days where students visited Munnar, Cochin and Alleppey. The students found the tour to be very exciting and refreshing.



SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering
“Industrial Visit to Neyveli Lignite Corporation, Neyveli” on 26.09.2022

The Department of Mechanical Engineering, SRM IST Vadapalani campus organized an Industrial Visit to Neyveli Lignite Corporation on 12-10-2022 for the third year students. The students were accompanied by Dr. Sengole Rayan A and Mr. Kamatchi Hariharan M.

The students were shown around NLC's Mine 1 where they saw the immense landscape of the mine and the importance of NLC was explained along with the history of the company. Then, the students were taken to a reforestation facility, which proved that in spite of an activity like mining, the land is fully suitable for agriculture, and the cultivation of flora and fauna. Then the students were given a brief tour of the power plant extension, followed by a short class on the operation of the thermal power plant. The students found this industrial visit very useful and enjoyed it.



SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering
“Alumni Talk on Opportunities for Mechanical Engineers in e-commerce” on
8.10.2022

The Department of Mechanical Engineering, SRM IST Vadapalani campus organized an Alumni talk on “Opportunities for Mechanical Engineers in e-commerce” for the third year B.Tech Mechanical Engineering students on 8th November 2022. The alumnus was Mr. S. Muralitharan (2017-2021 Batch B.Tech., Mech.), Area Manager at Amazon India.

The alumni explained about the field of industrial engineering and management, and how companies like Amazon excel in that field, by taking a customer centric approach. He also explained about the various approaches that companies generally take during the placement process and how one can secure a good placement. He also explained about the importance of projects and internships in the role of getting placed in a good company with a good package. Overall, the students found this session very useful to their career.

SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering
National Level Symposium 'Kratorq 22-23' on 8.10.2022

The Department of Mechanical Engineering, SRM IST Vadapalani campus organized a National Level Technical Symposium KRATORQ 22-23, on 14th November, 2022. The chief guest of the event was Shri. Arijit Dutta Chowdhury, CEO & President, Dynaspede. The guest of honor was Shri. Giridharan, Managing Director – TN Apex Skill Development Center for Logistics .

The event saw over 500 participants from various colleges across the nation take part in many technical and non technical events. As the tagline of Kratorq says "Torque Your Potential", it helped every participant to bring out their hidden talents. Overall the event was a great success and the students of the Mechanical Engineering Department enjoyed hosting the event.



**SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering
Outreach Program at St. Joseph Matriculation Higher Secondary School,
Butt Road, Guindy on 16-11-2022**

The Department of Mechanical Engineering, SRM Institute of Science and Technology - Vadapalani Campus organized an outreach programme for the students of St Joseph Matriculation Higher Secondary School, Butt Road, Guindy on 16-11-2022.

Three Faculties of our department Dr. Sengolerayan A, Mr. Kamatchi Hariharan M and Mr. Dinakar N, went to the school and interacted with the students and explained about higher education opportunities.



SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering
Aeromodelling Workshop in collaboration with M/S. Barola Technologies on
18-11-2022

The Department of Mechanical Engineering, SRM Institute of Science and Technology Vadapalani Campus organized an aeromodelling workshop in collaboration with Barola Technologies on 18-11-2022 for the first year students.

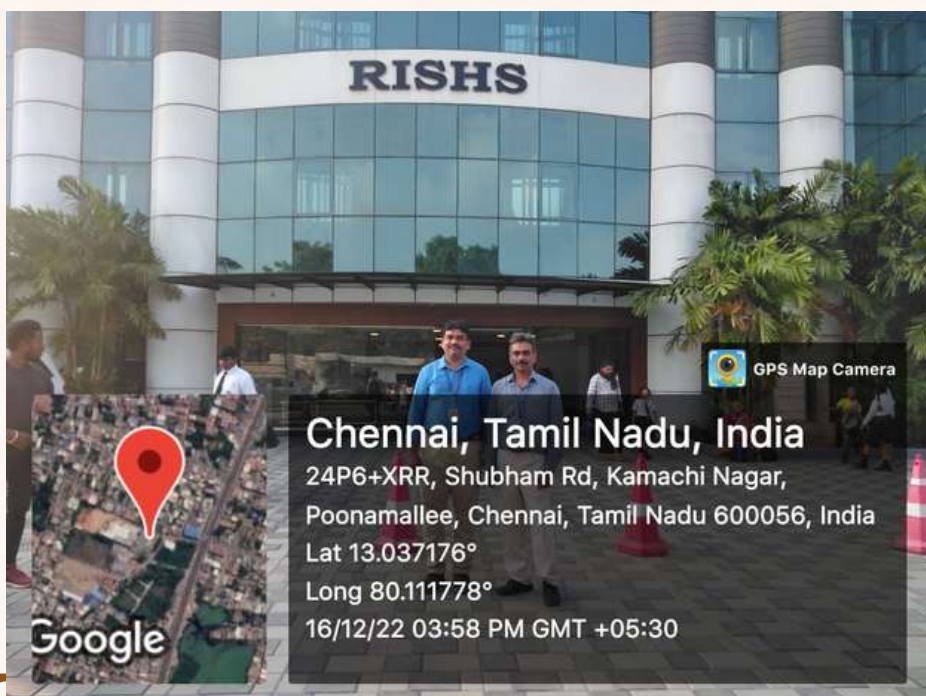
The students were taught the importance of aeromodelling and about its real time applications and uses. They were also briefed on how one can choose this field as a career option and its benefits. The students found the session very interesting.



**SRM Institute of Science and Technology, Vadapalani Campus
Department of Mechanical Engineering
Outreach Program at Rishs International School on 16-12-2022**

The Department of Mechanical Engineering, SRM Institute of Science and Technology Vadapalani Campus organized an outreach programme for the students of Rishs International School on 16-12-2022.

Two Faculties of our department Dr. Kumar V and Mr. Ravikumar K went to the school to brief the students about Robotic application in Engineering Industries and speed Mathematics.



STUDENTS ACHIEVEMENT



Mr. Kotla Mustaq Ahmed of 3rd year Mechanical Engineering won a certificate of appreciation for his scientific poster in the 7th World Bioethics Day International Competitions, which was held on 19th October 2022 at SRM Institute of Science and Technology, Kattankulathur Campus.



Ms. Nethra Kumanan of 4th Year Mechanical Engineering Secured first position in The Yachting Association of India (YAI) Senior National Sailing Championship 2022



Ms. Sai Niveda Lakshmi. B of 1st year Mechanical Engineering secured gold in 800m and 400m at the 12th Tamilnadu speed skating championship. It was conducted on 25th November 2022 at Shenoy Nagar Skating Park.



Ms. Nethra Kumanan of 4th Year Mechanical Engineering **WON GOLD** in ILCA6 (Laser Radial) & **WON SILVER** in ILCA6 Openin Asian Sailing Championship on 16th Dec 2022, held at Royal Varuna Yacht Club, Pattaya, Thailand .



Dr. V. Kumar Ph.D



Dr. A. Sengole Rayan Ph.D

Two of our faculty members Dr. V. Kumar had completed his Ph.D, at Jadhavpur University, West Bengal in the month of May 2022 and Dr. A. Sengole Rayan had completed his Ph.D, at Jadhavpur University, West Bengal in the month of November 2022.

FACULTY DEVELOPMENT PROGRAMME

S.No	Name of the Faculty	Nature of the Program	Name of the Program	Name of the Institute
1	Mr. KAMATCHI HARIHARAN M	INTERNATIONAL CONFERENCE	International Conference on Future Trends in Materials and Mechanical Engineering (ICFTMME-2022)	SRMIST - DELHI -NCR Campus
2	Mr. KAMATCHI HARIHARAN M	NPTEL - AICTE FDP	ADVANCED MACHINING PROCESS	-
3	Mr. KAMATCHI HARIHARAN M	NPTEL - AICTE FDP	LASER BASED MANUFACTURING	-
4	Mr. KAMATCHI HARIHARAN M	ATAL FDP	INTERNET OF THINGS	SRM IST - VDP
5	Mr. KAMATCHI HARIHARAN M	FDP	OUTCOME BASED EDUCATION AND NBA ACCREDITATION	C.V. Raman Global University, Bhubaneswar
6	Mr. KAMATCHI HARIHARAN M	FDP	Quality Assessments and Accreditation in HEIs	SATHYABAMA IST, CHENNAI
7	Mr. KAMATCHI HARIHARAN M	WORKSHOP	ADVANCES IN MECHANICAL ENGINEERING FOR BIOMEDICAL APPLICATIONS	NATIONAL INSTITUTE OF TECHNOLOGY, KARNATAKA
8	Mr. KAMATCHI HARIHARAN M	PDP	MATLAB and LabVIEW Programming for Engineering Applications	NITTTR, CHENNAI
9	Dr. SENGOLERAYAN A	FDP	OUTCOME BASED EDUCATION AND NBA ACCREDITATION	C.V. Raman Global University, Bhubaneswar
10	Dr. SENGOLERAYAN A	FDP	Quality Assessments and Accreditation in HEIs	SATHYABAMA IST, CHENNAI
11	Mrs. ARUNARANI P	FDP	PRODUCT DESIGN ENGINEERING USING FUSION 360	ICT ACADEMY
12	Mrs. ARUNARANI P	FDP	FUTURISTIC RESEARCH IN MECHANICAL ENGINEERING	SRM IST- RMP
13	Mr. SANKAR E	FDP	"Inculcating Universal Human Values in Technical Education"	AICTE
14	Mr. SANKAR E	FDP	UNDERSTANDING STUDENT PSYCHOLOGY	SRM IST - VDP
15	Mr. SANKAR E	FDP	"3D Printing in Industry 4.0"	B S A CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY
16	Mr. UMAPATHY A	FDP	"Futuristic Research in Mechanical Engineering"	SRM IST - RPM
17	Mr. UMAPATHY A	FDP	PRODUCT DESIGN ENGINEERING USING FUSION 360	ICT ACADEMY
18	Dr. HAJA SYEDDU MASOOTH P	FDP	FUNDAMENTALS OF ADDITIVE MANUFACTURING TECHNOLOGIES	NPTEL
19	Dr. HAJA SYEDDU MASOOTH P	FDP	JOINING TECHNOLOGIES FOR METALS	NPTEL

FACULTY DEVELOPMENT PROGRAMME

S.No	Name of the Faculty	NAME OF THE COURSE COMPLETED	PLATFORM
1	Mr. KAMATCHI HARIHARAN M	ADVANCED MACHINING PROCESS	NPTEL
2	Mr. KAMATCHI HARIHARAN M	LASER BASED MANUFACTURING	NPTEL
3	Mr. SENGOLERAYAN A	ADVANCED MACHINING PROCESS	NPTEL
4	Mr. SENGOLERAYAN A	LASER BASED MANUFACTURING	NPTEL
5	Mr. RAVI KUMAR K	ADVANCED MACHINING PROCESS	NPTEL
6	Mr. RAVI KUMAR K	LASER BASED MANUFACTURING	NPTEL
7	Dr. HAJA SYEDDU MASOOTH P	FUNDAMENTALS OF ADDITIVE MANUFACTURING TECHNOLOGIES	NPTEL
8	Dr. HAJA SYEDDU MASOOTH P	JOINING TECHNOLOGIES FOR METALS	NPTEL
9	Mrs. ARUNARANI P	STRESS MANAGEMENT	NPTEL
10	Mrs. ARUNARANI P	ETHICS IN ENGINEERING PRACTICE	NPTEL
11	Mrs. ARUNARANI P	PRODUCT DESIGN ENGINEERING USING FUSION 360	ICT ACADEMY
12	Mr. KUMAR V	LASER BASED MANUFACTURING	NPTEL
13	Mr. SANKAR E	ADVANCED MACHINING PROCESS	NPTEL

JOURNALS

S.No	FACULTY NAME	INSTITUTE	TITLE OF PAPER	JOURNAL NAME
1	Dr. R. RAJARAMAN	Faculty of Engineering and Technology	Effect of Kerosene and Methanol blending with Pongamia Pinnata Biodiesel on Diesel Engine Performance and Emission Characteristics	IOP Conf. Series: Materials Science and Engineering
2	Dr. R. RAJARAMAN	Faculty of Engineering and Technology	Experimental investigation on the nanomechanical properties of lubricated and non-lubricated AISI 1018 mild steel using nanoindentation technique	AIP Conference Proceedings
3	Dr. S. Karthikeyan	Faculty of Engineering and Technology	Corrosion resistance improvement by aluminizing and heat resistance coating on Mild steelas an alternate material to automotive exhaust components	AIP Conference Proceedings
4	Mr. N. Dinakar	Faculty of Engineering and Technology	Corrosion resistance improvement by aluminizing and heat resistance coating on Mild steelas an alternate material to automotive exhaust components	AIP Conference Proceedings
5	Mr. Kamatchi Hariharan	Faculty of Engineering and Technology	Study on Mechanical properties of Inconel 625 and Incoloy 800H with Nitride based molten salts	Zastita Materijala
6	Dr. Suresh Kannan I	Faculty of Engineering and Technology	Study on Mechanical properties of Inconel 625 and Incoloy 800H with Nitride based molten salts	Zastita Materijala
7	Mr. K.Ravikumar	Faculty of Engineering and Technology	Hot Corrosion Behaviour of Incoloy 800H Superalloy with Various Molten Salts Environment	Lecture Notes in Mechanical Engineering
8	Mr. E. Sankar	Faculty of Engineering and Technology	The Effect of SiO ₂ -Al ₂ O ₃ -TiO ₂ nanoparticle additives on Lubrication performance: Evaluation of wear and coefficient of Friction	Materials Today: Proceedings
9	Dr. I. Suresh Kannan	Faculty of Engineering and Technology	Eperimental Investigation of Average Surface Roughness and Chip Morphology in End Milling of Aluminium Alloy 6151 using Uncoated and TiAlN- coated HSS Toola	Lecture Notes in Mechanical Engineering
10	Mr. A. Arunnath	Faculty of Engineering and Technology	Experimental Investigation and Optimization of Material Removal rate and Tool Wear in the machining of Aluminium-Boron Carbide (Al-B ₄ C) Nanocomposite using EDM Process	Advances in Materials Science and Engineering
11	Dr. P Haja Syeddu Masooth	Faculty of Engineering and Technology	Investigations on Mechanical and wear behaviour of graphene and zirconia reinforced AA6061 hybrid nanocomposites using ANN and sugeno-type fuzzy inference systems	Materials Research Express
12	Dr. I.Suresh Kannan	Faculty of Engineering and Technology	Review of bioresorbable AZ91, AZ31 and Mg-Zn-Ca implants and their manufacturing methods	Materials Science and Technology
13	Mr. Kamatch Hariharan	Faculty of Engineering and Technology	Investigation on effect of TiN, TiAlN & DLC-triple layer coate carbidetool in machining of Al-Si 4032 alloy	Materials Today, Proceedings
14	Mr. Ravikumar K	Faculty of Engineering and Technology	Investigation on effect of TiN, TiAlN & DLC-triple layer coate carbidetool in machining of Al-Si 4032 alloy	Materials Today, Proceedings

JOURNALS

15	Dr. P Haja Syeddu Masooth	Faculty of Engineering and Technology	Analysis of machining characteristics in electrical discharge machining of SiC and Al ₂ O ₃ reinforced AA6061 hybrid metal matrix composites using Taguchi and ANOVA techniques	Materials Research Express
16	Dr. P Haja Syeddu Masooth	Faculty of Engineering and Technology	Microstructure and mechanical characterisation of ZrO ₂ reinforced Ti6Al4V metal matrix composites by powder metallurgy method	Materials Research Express
17	Mr. N. Dinakar	Faculty of Engineering and Technology	A comparative investigation on weld metal properties of similar and dissimilar TIG welded joints on Al-Mg alloys	Material Today: Proceedings
18	Mr. N. Dinakar	Faculty of Engineering and Technology	Investigation of wear properties in dry sliding conditions on austenitic stainless steel	Material Today: Proceedings
19	Dr. V. Kumar	Faculty of Engineering and Technology	Determination of Performance and Emission Test on a CI Engine by using Algae Oil as an Alternative	New Visions in Science and Technology
20	Mr. R. A. Arul Raja	Faculty of Engineering and Technology	Experimental investigation on the nano mechanical properties of lubricated and non-lubricated AISI 1018 mild steel using nano indentation technique	AIP Conference Proceedings
21	Mr. Ravikumar K	Faculty of Engineering and Technology	Investigation on effect of TiN, TiAlN & DLC-triple layer coated carbide tool in machining of Al-Si 4032 alloy	Materials Today, Proceedings

PLACEMENTS

S.No	Name of Student	Placed in Company	CTC
1	Mr. Sreerag T M	L&T Technology Services	INR 400000 - 400000
2	Mr. Prashant Singh	The Tech Destiny	INR 400000 - 400000
3	Mr. Rishi Nair	zoom Rx	INR 720000
4	Mr. Mohan K	Cognizant	INR 400000
5	Mr. Lakshmann Sai C G	Saint Gobain	INR 630000 - 630000
6	Mr. Araskumaran K	L&T Technology Services	INR 400000 - 400000
7	Mr. Prince Kumar	L&T Technology Services	INR 400000 - 400000
8	Mr. Samual Norman	Temenos	INR 630000
9	Mr. Aditya Singh	DXC Technology	INR 400000
10	Mr. Ramajun Murali	Masters Learn	INR 400000 - 400000
11	Mr. Lalith M S	Prism Johnson Ltd.	INR 350000
12	Mr. Lakshmanan M	Panasonic Life Solutions India Private Limited	INR 250000
13	Mr. Gokulkrishana R	Skolar	INR 400000 - 500000
14	Mr. Jawahar V	Hyundai Mobis	INR 350000
15	Mr. Prasannakishore S	Skillmax Academy	INR 400000 - 400000
16	Mr. Abhay K	Saint Gobain	INR 630000 - 630000
17	Mr. Palakur akash	Wipro Limited	INR 350000 - 350000
18	Mr. Kolli Kartheek	Pregrad	INR 400000 - 600000
19	Mr. Krishnakanth E B	Cognizant	INR 400000
20	Mr. Gokula	Infosys	INR 360000 - 360000
21	Mr. Shrey Choudhry	Cognizant	INR 400000
22	Mr. Rajat Dadke	Reliance Retail	INR 350000
23	Mr. Dhibak V S	Leverage Edu	INR 400000 - 400000
24	Mr. Amarnath G	Cognizant	INR 400000
25	Mr. Jerin Mathai	Cognizant	INR 400000
26	Mr. Tejaswar P J	Tata Consultancy Services (TCS)	INR 350000 - 350000
27	Mr. Aslam Sayed S	Hyundai Mobis	INR 350000
28	Mr. Thamizharasu S	Masters Learn	INR 400000 - 400000
29	Mr. Nishant kanyan	Masters Learn	INR 400000 - 400000
30	Mr. Chirag Jain	Megha Constructions	INR 264000
31	Mr. Cajivaram Venkatesh Vasnth	L&T Technology Services	INR 400000 - 400000
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5	Balaji S - RA1911002040003	Mr. R. Gowrimanohar	Brakes India Private Limited, Chennai
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