

# INSIDE THIS ISSUE

**Student Triumphs**

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**Scholarly Success**

**Placement  
Achievements**



# SRM

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

**VADAPALANI**

NEWSLETTER

# MECHRONICLE

VOLUME 11

DEPARTMENT OF MECHANICAL ENGINEERING

2025 - 2026 ODD SEMESTER

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# HOD MESSAGE



**Dr. R. Rajaraman**  
PROFESSOR & HEAD  
DEPARTMENT OF MECHANICAL ENGINEERING

It gives me great pleasure to present the 11th volume of Mechronicle, our department's bi-annual e-magazine. This landmark edition reflects a decade of continuous growth, innovation, and the collaborative efforts of our vibrant Mechanical Engineering community.

Over the years, Mechronicle has evolved into more than just a magazine – it is a chronicle of our journey, a canvas for creativity, and a showcase of academic and co-curricular excellence. Volume 11 brings together insightful technical articles, research contributions, creative works, and a recap of departmental events, all of which highlight the energy and commitment of our students and faculty.

As we celebrate this milestone, we also look to the future with ambition and purpose.

# EVENTS

LIGHTING MINDS – LEADING THE FUTURE

**ALUMNI TALK  
P.C.SUDHARSHAN  
2011-2015**

**ALUMNI TALK  
ROHITH RISHI BALAJI  
2018-2022**

**ALUMNI TALK  
JAGATHISH KUMAR.T.S  
2014-2018**

**ALUMNI TALK  
SYED JUNAID AHMED  
2019-2023**

**NON POWERED GLIDER  
WORKSHOP**

**KRATORQ 2025**

**Y'2025 GLOBAL GOALS THE  
INNOVATION EXPO**

# ALUMNI TALK-P.C.SUDHARSHAN 2011-2015

19.08.2025

BUILDING A LIFE,  
NOT JUST A RESUME

ALUMNI TALK

Event 01

**SRM**  
INSTITUTE OF SCIENCE AND TECHNOLOGY

FACULTY OF ENGINEERING AND TECHNOLOGY  
VADAPALANI CAMPUS

DEPARTMENT OF MECHANICAL ENGINEERING  
&  
DIRECTORATE OF ALUMNI AFFAIRS

PRESENTS

ALUMNI TALK ON

**Building a Life, Not Just a Resume**

19th August 2025  
10.30 am-11.30 am  
Venue: BW309

**Our Speaker:**

**Mr. P.C.Sudharsan**  
Assistant manager,  
KPMG India.

**CONVENER**  
Dr. R Rajaraman  
HoD - Mechanical

**ORGANISING MEMBERS**  
Dr. V Rajasekar  
Campus Head-  
Alumni Affairs  
Dr. A.Lalitha Saravanan  
AP - Mechanical  
Alumni Coordinator  
Dr. P.Haja Syeddu Masooth  
AP(SG)-Mechanical  
Event coordinator

**“BUILDING A LIFE, NOT JUST A RESUME”**

An Alumni Talk was organized at SRMIST Vadapalani Campus on 19th August 2025, featuring Mr. P. C. Sudharshan, Assistant Manager, KPMG India. The session, titled “Building a Life, Not Just a Résumé,” focused on the importance of holistic personal and professional growth. Mr. Sudharshan shared valuable insights on developing life skills, adaptability, ethical values, and long-term career vision beyond academic achievements. The talk encouraged students to balance technical expertise with communication, leadership, and emotional intelligence. The event was convened by Dr. R. Rajaraman, HOD, Mechanical Engineering, and organized under the guidance of Dr. V. Rajasekar, Campus Head – Alumni Affairs, with coordination by Dr. A. Lalitha Saravanan and Dr. P. Haja Syeddu Massooth, AP(SG), Mechanical Engineering. The session was inspiring and impactful for students.

# ALUMNI TALK MR.ROHIT RISHI BALAJI 2018-2022

22.08.2025

BEYOND ACADEMICS: THE SKILLS  
THAT TAKE YOU TO TOP MNC'S

ALUMNI TALK

Event 02



## “FROM CAMPUS TO CORPORATE”

An Alumni Talk was conducted at SRMIST Vadapalani Campus on 22nd August 2025, featuring Mr. Rohit Rishi Balaji, Business Development Manager, MILTEC-UAE. The session, titled “Beyond Academics: The Skills That Take You to Top MNCs,” highlighted the importance of industry-ready skills alongside academic excellence. Mr. Rohit shared insights on global work culture, strategic thinking, communication skills, networking, and adaptability required to succeed in multinational companies. He emphasized continuous learning and practical exposure as key factors for career advancement. The event was convened by Dr. R. Rajaraman, HOD, Mechanical Engineering, and organized under the guidance of Dr. V. Rajasekar, Campus Head - Alumni Affairs, with coordination by Dr. A. Lalitha Saravanan and Dr. M. Kamatchi Hariharan, AP(SG), Mechanical Engineering.

# ALUMNI TALK JAGATHISH KUMAR .T.S 2014-2018

17.09.2025

A SYSTEM FOR ADDITIVE  
MANUFACTURING BY IOT BASED  
FDM

ALUMNI TALK

Event 03

SRM  
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY  
FACULTY OF ENGINEERING AND TECHNOLOGY  
VADAPALANI CAMPUS  
DEPARTMENT OF MECHANICAL ENGINEERING  
&  
DIRECTORATE OF ALUMNI AFFAIRS

PRESENTS  
ALUMNI TALK ON

>>>> >>>>

A SYSTEM FOR ADDITIVE  
MANUFACTURING BY IOT  
BASED FDM

17-09-2025  
12:30PM - 1:30PM  
BW-309

JAGATHISH KUMAR T.S  
ASST. PRODUCT MANAGER  
R&D-TVS ELECTRONICS

CONVENER  
Dr. R. Rajaraman  
HoD - Mechanical

ORGANISING MEMBERS  
Dr. V. Rajasekar  
Campus Head  
- Alumni Affairs  
Dr. A. Lalitha Saravanan  
AP - Mechanical  
Alumni Coordinator  
Dr. M. Kamatchi Hariharan  
APISG-Mechanical  
Event coordinator

## “FROM CAMPUS TO CORPORATE”

An Alumni Talk was successfully conducted at SRMIST Vadapalani Campus on 17th September 2025, featuring Mr. Jagathish Kumar T. S., Assistant Project Manager (R&D), TVS Electronics. The session focused on the development of an IoT-based Fused Deposition Modeling (FDM) system for additive manufacturing, emphasizing smart monitoring, process optimization, and real-time data integration. Mr. Jagathish Kumar T S explained how IoT enhances efficiency, quality control, and predictive maintenance in modern manufacturing systems, giving students exposure to Industry 4.0 practices. The event was convened by Dr. R. Rajaraman, HOD, Mechanical Engineering, and organized by Dr. V. Rajasekar, Campus Head – Alumni Affairs, with coordination by Dr. A. Lalitha Saravanan and Dr. M. Kamatchi Hariharan. The session was informative and inspiring for aspiring engineers.

# ALUMNI TALK MR.SYED JUNAID AHMED 2019-2023

25.09.2025

DEPARTMENT OF MECHANICAL  
ENGINEERING

ALUMNI TALK

Event 04

The poster features the SRM Institute of Science and Technology logo at the top left. The text reads: 'SRM INSTITUTE OF SCIENCE AND TECHNOLOGY', 'FACULTY OF ENGINEERING AND TECHNOLOGY', 'VADAPALANI CAMPUS', 'DEPARTMENT OF MECHANICAL ENGINEERING', and 'DIRECTORATE OF ALUMNI AFFAIRS'. The main title is 'ALUMNI TALK' in red. Below it, the subtitle is 'From Campus to Corporate: My Journey of Growth and Success'. The speaker is 'MR. SYED JUNAID AHMED', with the role 'Customer Support - Escalation Desk'. The Freshworks logo is present. The event details are: '25 SEPT, 2025' and '10:00-11:00 AM'. The location is 'BW-309 SRMIST, Vadapalani Campus'. The convener is 'Dr. R Rajaraman, HoD - Mechanical'. The organizing members are 'Dr. V Rajasekar, Campus Head - Alumni Affairs', 'Dr. A. Lalitha Saravanan, AP - Mechanical, Alumni Coordinator', and 'Dr. M Kamatchi Hariharan, AP(SG)-Mechanical, Event coordinator'. A photograph of Mr. Syed Junaid Ahmed is on the right side of the poster.

## “FROM CAMPUS TO CORPORATE”

An Alumni Talk was successfully conducted at SRMIST Vadapalani Campus on 25th September 2025, featuring Mr. Syed Junaid Ahmed, Customer Support - Escalation Desk, Freshworks, Chennai. The session focused on the topic “From Campus to Corporate: My Journey of Growth and Success”. The session highlighted the essential mindset shift required to move from the structured, textbook-heavy environment of a campus to the dynamic and fast-paced corporate realm. Key takeaways emphasized that while technical skills are a prerequisite, soft skills—including professional communication, emotional intelligence, and adaptability—are the “invisible superpowers” that drive long-term career growth. The speaker shared practical insights on corporate etiquette, the importance of meeting deadlines, and the necessity of maintaining a lifelong learning mindset to stay relevant in an evolving job market. Ultimately, the talk served as a vital bridge, turning academic knowledge into industry readiness and empowering students to step into their first professional roles with heightened clarity and confidence.

# NON POWERED GLIDER WORKSHOP

24 . 09 . 2025

BAROLA TECHNOLOGIES

WORKSHOP



Event 05

## " Flight Without Force "

On 24.09.2025 The Department of Mechanical Engineering of SRM Institute of Science and Technology , Vadapalani Campus in collaboration with Barola Technologies, hosted an engaging workshop on "Non-Powered Glider" for our first and second year Mechanical and Mechanical - AIML students .

Mr. Karan Barola, Head of Operations delivered an insightful session on aerodynamics, lift, drag, and real-world glider design. With interactive discussions and practical learning, the event ignited curiosity and innovation in the minds of budding engineers.



# KRATORQ 2025

30.10.2025

ASSOCIATION OF  
MECHANICAL ENGINEERING

SYMPOSIUM

Event 06



## 'TORQUE YOUR POTENTIAL "

The National Level Technical Symposium "KRATORQ 2025", organized by the Department of Mechanical Engineering, SRMIST VDP Campus, was successfully conducted on 30th October 2025. The event aimed to provide a dynamic platform for students to showcase their technical skills, exchange innovative ideas, and engage with industry-oriented knowledge. The symposium commenced at 9:30 AM with the traditional lighting of the Kuthuvilakku, symbolizing the pursuit of knowledge and academic excellence.

The inaugural session was graced by the presence of the esteemed Chief Guest, Dr. V. S. V. Verchezhian, MD & CEO of Sri KVS Industries, President - Laghu Udyog Bharathi (Tamil Nadu State) and National Joint General Secretary - NIQR, whose presence added great value to the occasion.

# HIGHLIGHTS OF KRATORQ 2025



- The symposium was inaugurated with the ceremonial lighting of the Kuthuvilakku, marking an auspicious beginning.
- Dr. V. S. V. Verchezhan delivered an insightful and motivating address on self-reliant living, Make in India, and MSME opportunities for young engineers.
- The Chief Guest highlighted the importance of entrepreneurship, innovation, and skill development in today's competitive industrial ecosystem.
- The event witnessed active participation from students, fostering technical discussions and knowledge sharing.
- The symposium served as a strong platform for industry-academia interaction, encouraging students to align academic learning with real-world applications.
- The inaugural session set a positive and enthusiastic tone for the technical and non-technical events that followed throughout the day.

# Y2025 – GLOBAL GOALS: OUR INNOVATION EXPO

07.11.2025

GLOBAL SUSTAINABLE  
DEVELOPMENT GOALS

OUR INNOVATION EXPO

Event 07

The Department of Mechanical Engineering at SRMIST Vadapalani Campus successfully organized a school outreach program titled “Y2025 – Global Goals: Our Innovation Expo” on 07 November 2025. The program featured a project competition and exhibition designed exclusively for school students, providing a vibrant platform for young innovators to present their creative ideas. The event aimed to nurture curiosity, problem-solving skills, and awareness of real-world challenges among students.



The expo focused on encouraging innovations aligned with the United Nations Sustainable Development Goals (SDGs), inspiring students to think globally while acting locally. The event was graced by the presence of Shri. Balaji Kannan, Plant Manager, FORVIA, Chennai, as the Chief Guest. In his motivating address, he emphasized the importance of personal responsibility, sustainable practices, and environmental awareness, urging young minds to contribute actively toward building a better and greener future.

# INDUSTRIAL VISITS

CLASSROOM TO CORE INDUSTRY.

**KAYNES TECHNOLOGY, MYSORE  
11.09.2025**

**ISUZU  
MOTORS INDIA PVT. LTD., SRI CITY  
14.10.2025**

**CSIR RESEARCH  
LABORATORIES, TARAMANI,  
26.10.2025**

**PENNAR INDUSTRIES PVT LTD,  
28.10.2025**

# KAYNES TECHNOLOGY MYSORE

11, SEPTEMBER 2025  
3<sup>RD</sup> YEAR MECHANICAL

Third Year Mechanical Engineering students from SRM IST, Vadapalani Campus had a valuable opportunity to gain hands-on industrial exposure through an industrial visit to Kaynes Technology, Mysore, a pioneer in Electronics System Design and Manufacturing (ESDM), on 11.09.2025, enhancing their practical understanding of modern industrial practices.



The visit offered insights into advanced manufacturing processes, quality control practices, and real-time industrial operations, helping students connect classroom concepts with practical applications in a professional environment.

This industrial exposure enhanced technical understanding, broadened career perspectives, and motivated students to explore interdisciplinary opportunities in modern manufacturing and electronics-driven industries.

# ISUZU MOTORS INDIA PVT. LTD., SRI CITY

14, OCTOBER 2025  
3<sup>RD</sup> YEAR MECHANICAL



On October 14, 2025, the Third Year Mechanical Engineering students were provided with an enriching industrial exposure through a visit to Isuzu Motors India Pvt. Ltd., Sri City. This industrial visit offered students a valuable opportunity to bridge the gap between theoretical knowledge and real-world manufacturing practices. During the visit, students explored several key production facilities, including the Body Shop, Engine Shop, and Paint Shop. They observed advanced manufacturing techniques such as robotic welding, precision machining, automated assembly lines, and modern painting processes. The visit also highlighted Isuzu's strong emphasis on automation, quality assurance, safety standards, and lean manufacturing principles. Engineers and plant officials explained the role of quality control measures, inspection systems, and process optimization in ensuring high-performance and reliable vehicles. Overall, the industrial visit was highly informative and enhanced the students' understanding of large-scale automotive manufacturing, inspiring them to apply engineering concepts effectively in their future careers.

# CSIR RESEARCH LABORATORIES TARAMANI

26, OCTOBER 2025  
1ST YEAR MECHANICAL



The Department of Mechanical Engineering, SRM Institute of Science and Technology, Vadapalani Campus, organized an industrial visit to CSIR Research Laboratories, Taramani, Chennai, for the First-Year Mechanical Engineering students on 26 October 2025. This visit provided students with valuable exposure to cutting-edge research and advanced engineering practices. During the visit, students explored several state-of-the-art facilities, including the Wind Engineering Laboratory, Fatigue Testing Laboratory, Seismic Laboratory, and Advanced Materials Laboratory. The sessions offered hands-on insights into wind tunnel experimentation, structural behavior under dynamic loading, fatigue analysis, and seismic testing methods. Students were also introduced to emerging technologies such as 3D printing with composite materials, foam-based applications, structural health monitoring systems, and computational mechanics. Researchers and scientists explained how these advanced tools are used to solve real-world engineering challenges. Overall, the visit enhanced students' understanding of modern mechanical engineering research and inspired them to explore innovation-driven careers in engineering and technology.

# PENNAR INDUSTRIES PVT LTD,

28, OCTOBER 2025  
1ST YEAR MECHANICAL



The Department of Mechanical Engineering, SRM Institute of Science and Technology, Vadapalani Campus, organized an industrial visit to Pennar Industries Pvt. Ltd., Peria Palayam, a leading manufacturer of specialized and engineered metal products. The company caters to major sectors such as automotive, infrastructure, and railways, providing students with exposure to diverse industrial applications of mechanical engineering. The First Year Mechanical Engineering students participated in this visit on 28 October 2025, making it an early and valuable introduction to the industrial environment. During the visit, students were familiarized with various metal fabrication processes, forming techniques, structural components manufacturing, and quality inspection methods. Industry professionals explained the importance of precision engineering, material selection, safety practices, and process efficiency in large-scale production. This industrial visit helped students understand the practical relevance of fundamental engineering concepts and motivated them to develop a strong foundation for their future academic and professional growth.



# **ACADEMIC ACHIEVEMENTS**

AT THE PINNACLE OF  
PERFORMANCE

# 1<sup>ST</sup> YEAR MECHANICAL RANK HOLDERS 2025-2029 BATCH

**SRMIST Vadapalani Campus**  
Faculty of Engineering and Technology  
Vadapalani Campus

Department of  
**MECHANICAL ENGINEERING**

*Heartiest*  
**Congratulations!!!**  
*for achieving top SGPA in the class*

**SAJAN RAJ V**  
B.Tech – Mechanical  
Engineering w/s in AIML  
SGPA : 9.83

**KUHANATH S**  
B.Tech – Mechanical  
Engineering  
SGPA : 9.56

**CHINMAI R**  
B.Tech – Mechanical  
Engineering w/s in AIML  
SGPA : 9.11

**HINDOL SINHA ROY**  
B.Tech – Mechanical  
Engineering  
SGPA : 9.11

**1<sup>st</sup> Year**  
**Batch : 2025-29**

**ODD Semester Results**  
**AY-2025-26**

**SARAVANAN B**  
B.Tech – Mechanical  
Engineering w/s in AIML  
SGPA : 8.83

**HEMARAJ M**  
B.Tech – Mechanical  
Engineering  
SGPA : 8.50

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SRMISTFETVDP

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SRMIST Vadapalani Campus

@srmvdp\_campus

The Department of Mechanical Engineering, SRMIST Vadapalani Campus, congratulates the First Year Mechanical Engineering students (Batch 2025-2029) for securing top SGPA. Their achievement reflects dedication, academic excellence, and a strong foundation in engineering, setting an inspiring benchmark for future batches.

# 2<sup>ND</sup> YEAR MECHANICAL RANK HOLDERS 2024-2028 BATCH

**SRMIST** Faculty of Engineering and Technology  
Vadapalani Campus

NAAC Category 1 with US Status  
NITF (NITF) Ranked 1<sup>st</sup> University  
QS (QS) World Ranking one among 54 Indian Universities  
THE (THE) World Ranking one among 18 Indian Universities  
SHANGHAI RANKING (SHANGHAI RANKING) Ranked 8<sup>th</sup> in Indian Universities  
nature INDEX (nature INDEX) one among 10 Indian Universities  
GREEN LEAF (GREEN LEAF) World Ranking one among 3 Indian Universities

Department of  
**MECHANICAL ENGINEERING**  
Heartiest  
**Congratulations!!!**  
for achieving top SGPA in the class

**DAKSHITHA S**  
B.Tech – Mechanical  
Engineering w/s in AIML  
SGPA : 9.67

**PRATEEK K**  
B.Tech – Mechanical  
Engineering w/s in AIML  
SGPA : 9.52

**TEJASWINI V A**  
B.Tech – Mechanical  
Engineering w/s in AIML  
SGPA : 9.00

**2<sup>nd</sup> Year**  
**Batch : 2024-28**

**ODD Semester Results**  
**AY-2025-26**

**JOE THOMAS**  
B.Tech – Mechanical  
Engineering  
SGPA : 8.86

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srm\_ist\_vdp  
SRMIST Vadapalani Campus  
@srmvdp\_campus

The Department of Mechanical Engineering proudly congratulates the second-year 2024–2028 batch students of SRMIST Vadapalani Campus for securing top SGPA. Their dedication, consistency, and academic excellence reflect true engineering spirit and inspire peers to aim higher.

# 3<sup>RD</sup> YEAR MECHANICAL RANK HOLDERS 2023-2027 BATCH

**SRMIST** Faculty of Engineering and Technology  
**VADAPALANI** Campus

NAAC Category I with 128 Status  
AACSB Accredited  
NIF Ranked 1<sup>st</sup> University  
QS World Ranking one among 54 Indian Universities  
THE World Ranking one among 51 Indian Universities  
SHANGHAI RANKING Ranked 8 & 9 in Indian Universities  
NATURE INDEX one among 18 Indian Universities  
CDEA World Ranking one among 21 Indian Universities

Department of  
**MECHANICAL ENGINEERING**  
Heartiest  
*Congratulations!!!*  
for achieving top SGPA in the class

Name	Degree	SGPA
ARIS KAIF U	B.Tech – Mechanical Engineering w/s in AIML	9.43
SUBHAM PANIGRAHI	B.Tech – Mechanical Engineering w/s in AIML	9.43
STEPHANIE THOMPSON	B.Tech – Mechanical Engineering w/s in AIML	9.13
T KARTHIKEYAN	B.Tech – Mechanical Engineering w/s in AIML	9.00
RANJITH T M	B.Tech – Mechanical Engineering w/s in AIML	9.00
PRATEEKSHA ASHIS SAHOO	B.Tech – Mechanical Engineering w/s in AIML	9.00
RUDRA PRATAP MOHANTY	B.Tech – Mechanical Engineering	8.80

**3<sup>rd</sup> Year Batch : 2023-27**  
**ODD Semester Results AY-2025-26**

**SRMIST Vadapalani Campus**  
**SRMISTFETVDP**  
**srm\_ist\_vdp**  
**SRMIST Vadapalani Campus**  
**@srmvdp\_campus**

The Department of Mechanical Engineering extends heartfelt congratulations to the 3rd year (2023-2027 batch) students of SRMIST Vadapalani Campus for achieving top SGPA. Their consistent hard work, commitment to learning, and academic brilliance stand as a benchmark of excellence for the entire student community.

# 4<sup>TH</sup> YEAR MECHANICAL RANK HOLDERS 2022-2026 BATCH

**SRMIST Vadapalani Campus**  
Faculty of Engineering and Technology  
Vadapalani Campus

NAAC Category I with CR Status  
nir  
QS World Ranking one among 54 Indian Universities  
THE World Ranking one among 39 Indian Universities  
SHANGHAI RANKING ranked 84 in Indian Universities  
nature INDEX  
AACSB World Ranking one among 19 Indian Universities

Department of  
**MECHANICAL ENGINEERING**  
Heartiest  
*Congratulations!!!*  
for achieving top SGPA in the class

<p><b>M DIVYA MAYA</b> B.Tech – Mechanical Engineering w/s in AIML SGPA : 10</p>	<p><b>DHIRAJ VENKATESAN</b> B.Tech – Mechanical Engineering w/s in AIML SGPA : 9.75</p>	<p><b>GOWTHAM E</b> B.Tech – Mechanical Engineering w/s in AIML SGPA : 9.50</p>
<p><b>KANDHAVEL ARAVIND K</b> B.Tech – Mechanical Engineering w/s in AIML SGPA : 9.50</p>	<p><b>4<sup>th</sup> Year Batch : 2022-26</b></p> <p><b>ODD Semester Results AY-2025-26</b></p>	<p><b>AKASH A</b> B.Tech – Mechanical Engineering w/s in AIML SGPA : 9.50</p>
<p><b>B SAI NIVEDA LAKSHMI</b> B.Tech – Mechanical Engineering SGPA : 8.75</p>	<p><b>DANIYAAL AASHIQ WANI</b> B.Tech – Mechanical Engineering SGPA : 8.75</p>	<p><b>K B KISHORE KUMAR</b> B.Tech – Mechanical Engineering SGPA : 8.50</p>

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 SRMIST Vadapalani Campus  
 @srmvdp\_campus

The Department of Mechanical Engineering applauds the final year (2022-2026 batch) students of SRMIST Vadapalani Campus for achieving top SGPA. As they stand at the threshold of their professional journey, this remarkable academic excellence reflects perseverance, passion, and a legacy that will inspire future engineers.



# **STUDENT ACHIEVEMENTS**

FORGED BY EFFORT. DRIVEN BY  
EXCELLENCE.

# ELEVATE 2025 PRAGATHI E-CELL EVENT : TECH WARRIORS



The team tech warriors, Mithran M , Gnaneshwar B, Dakshitha S and Surya P C from 2nd year mechanical engineering achieved First Place at Pragati E-Cell for their project "Garuda," an innovation-driven initiative promoting entrepreneurship and problem-solving among students. The project guided them through developing a practical, impact-focused solution, encompassing concept creation, design, presentation, and validation, reflecting their commitment to real-world engineering challenges.

Through Garuda, the team gained invaluable hands-on experience in innovation, teamwork, and execution. Their journey strengthened skills in project management, effective communication, and pitching while fostering a deep interest in creating entrepreneurial solutions. This achievement highlights their ability to translate engineering knowledge into tangible, impactful projects, inspiring peers to pursue practical and innovative approaches in their academic journey.



# SMART INDIA HACKATHON 2025-TECH VOYAGERS



The team of third-year Mechanical Engineering students from SRMIST Vadapalani Campus earned national recognition by emerging as Finalists at Smart India Hackathon (SIH) 2025, standing among the top 0.79% from nearly 8 lakh participants nationwide. Competing against over 6,000 shortlisted students, the team showcased exceptional innovation, technical expertise, and problem-solving ability. Their participation at Amaljyothi College of Engineering, Kanjirappally, in the five-day grand finale organized by AICTE under the Ministry of Education's Innovation Cell, was a transformative journey where ideas evolved into impactful, execution-ready solutions through intense collaboration and real-world engineering challenges.

# MORE INSIGHTS FROM SIH 2025 TECH VOYAGERS

The finalist team comprised Stephanie Arockia Thompson, Aris Kaif, Tharun Krishna, Balachandran G., K. Tarun Nanda Kumar, and Rufina S. A.

Their collective effort reflected strong teamwork, strategic thinking, and technical precision, enabling them to develop innovative solutions while engaging with domain experts and talented peers from across the country.



The team was guided by the mentorship of Dr. M. Kamatachi Hariharan and Mr. N. Dinakar, whose continuous support and insights played a crucial role in refining the solution.

This achievement highlights the department's commitment to fostering innovation, entrepreneurship, and industry-ready engineers.

# NIQR GLOBAL CONVENTION QUIZ M.DIVYA MAYA AND D.V.MIRNALINI



Final Year Mechanical Engineering students Divya Maya M and Mirnalini D V brought laurels to the department by securing Second Prize in a Quiz Competition conducted during the NIQR Global Convention held on 29.08.2025. Their achievement reflects strong technical knowledge, analytical thinking, and quick decision-making skills. Competing with participants from diverse institutions, they demonstrated clarity of concepts and teamwork under pressure. This accomplishment highlights their academic excellence and enthusiasm for continuous learning, while also showcasing the department's emphasis on nurturing competitive skills and intellectual growth among students.

# 2022-2026 BATCH PLACEMENTS

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**  
**FACULTY OF ENGINEERING AND TECHNOLOGY**  
VADAPALANI CAMPUS, CHENNAI

**DEPARTMENT OF MECHANICAL ENGINEERING**

*Hearty Congratulations* FOR BEING PLACED WITH  
**CORE & DREAM OFFER**



**DANIYAAL AASHIQ WANI**  
B.Tech - MECH  
2026 BATCH



**HARI VITTAL S**  
B.Tech - MECH  
2026 BATCH



**K. B. KISHORE KUMAR**  
B.Tech - MECH  
2026 BATCH



**AKASH A**  
B.Tech - MECH AIML  
2026 BATCH



**D V MIRNALINI**  
B.Tech - MECH AIML  
2026 BATCH



**M DIVYA MAYA**  
B.Tech - MECH AIML  
2026 BATCH



**SURYA KUMAR S**  
B.Tech - MECH AIML  
2026 BATCH



**HRISHIT K PRADEEP**  
B.Tech - MECH AIML  
2026 BATCH

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NAAC A++ | Category 1 with 12B Status | nirf (2025) Ranked 11<sup>th</sup> University | QS (2026) World Ranking one among 54 Indian Universities | THE WORLD UNIVERSITY RANKINGS (2025) World Ranking one among 91 Indian Universities | SHANGHAI RANKING (2025) World Ranking Ranked 8-9 in Indian Universities | nature INDEX (2025) World Ranking one among 18 Indian Universities | Green Metric (2024) World Ranking one among 3 Indian Universities

The Department of Mechanical Engineering, SRM IST Vadapalani Campus, proudly congratulates the 2026 batch students on securing Core & Dream offers. This remarkable achievement reflects their technical excellence, perseverance, and industry readiness, bringing great pride to the institution and inspiring future engineers to aim higher.



# **NPTTEL ACHIEVEMENTS**

PROOF THAT LEARNING NEVER  
STOPS

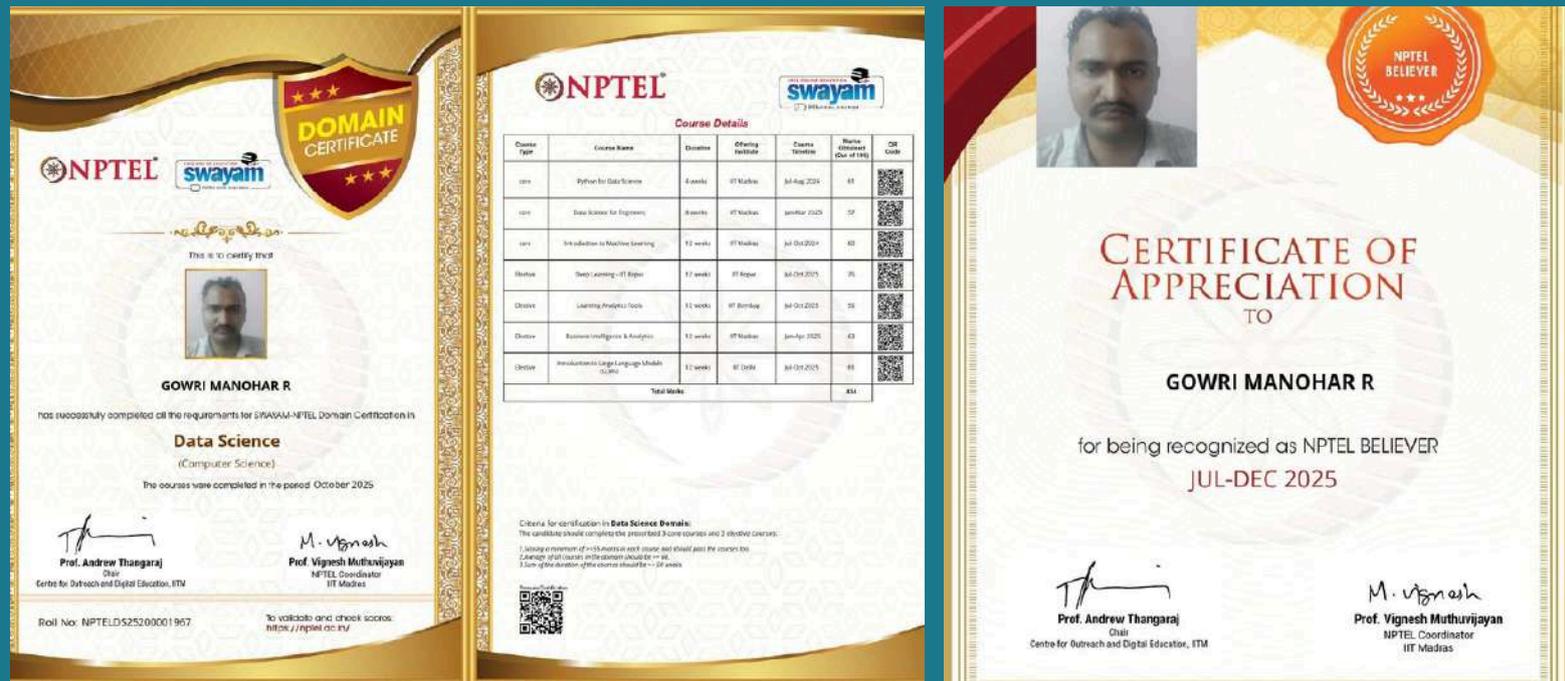
# DOMAIN CERTIFICATION IN DATA SCIENCE

## DR.M.KAMATCHI HARIHARAN



Dr. Kamatchi Hariharan, from the Department of Mechanical Engineering at SRMIST Vadapalani Campus, has successfully completed the NPTEL domain certification in Data Science, marking a significant milestone in his academic journey. This accomplishment highlights his strong commitment to continuous professional development and interdisciplinary learning. By effectively blending data science principles with mechanical engineering applications, he promotes innovative teaching methodologies and research-driven practices. His achievement reflects academic excellence and a forward-thinking approach, contributing to the department's vision of delivering modern, industry-relevant education and preparing students to meet evolving technological challenges.

# DOMAIN CERTIFICATION IN DATA SCIENCE & NPTEL BELIEVER - MR.R.GOWRI MANOHAR



Mr. R. Gowri Manohar, from the Department of Mechanical Engineering at SRMIST Vadapalani Campus, has successfully completed the NPTEL domain certification in Data Science and has been honored with the title of NPTEL Believer. This achievement highlights his dedication to lifelong learning and interdisciplinary competence. By integrating data science with mechanical engineering, he adopts a progressive approach to education, enriching teaching and research practices. His accomplishment contributes to academic excellence and supports the preparation of students for emerging, data-driven engineering and industry challenges.

- **COURSE TOPPER IN LASER BASED MANUFACTURING -DR.ANBARASU .K.G**



Dr. K. G. Anbarasu, from the Department of Mechanical Engineering at SRMIST Vadapalani Campus, has successfully completed the NPTEL Elite Certification in Laser-Based Manufacturing. This achievement highlights his dedication to advanced manufacturing technologies and continuous professional development. His expertise in laser processing techniques strengthens the department's academic and research capabilities, while also enhancing student exposure to cutting-edge manufacturing practices aligned with modern industrial requirements.

# DOMAIN CERTIFICATION IN PRODUCT DESIGN -SAI NIVEDA .B



**Congratulations To**

**Ms. Sai Niveda**

Mechanical Engineering, Final Year, SRMIST

**Earned Domain Certificate in the "Product Design" Area**

Ms. Sai Niveda Lakshmi, a final-year Mechanical Engineering student, has successfully fulfilled all requirements and earned the Domain Certificate in Product Design. This achievement highlights her dedication, technical proficiency, and keen interest in design-focused engineering, reflecting her readiness to contribute creatively and effectively to real-world engineering challenges.

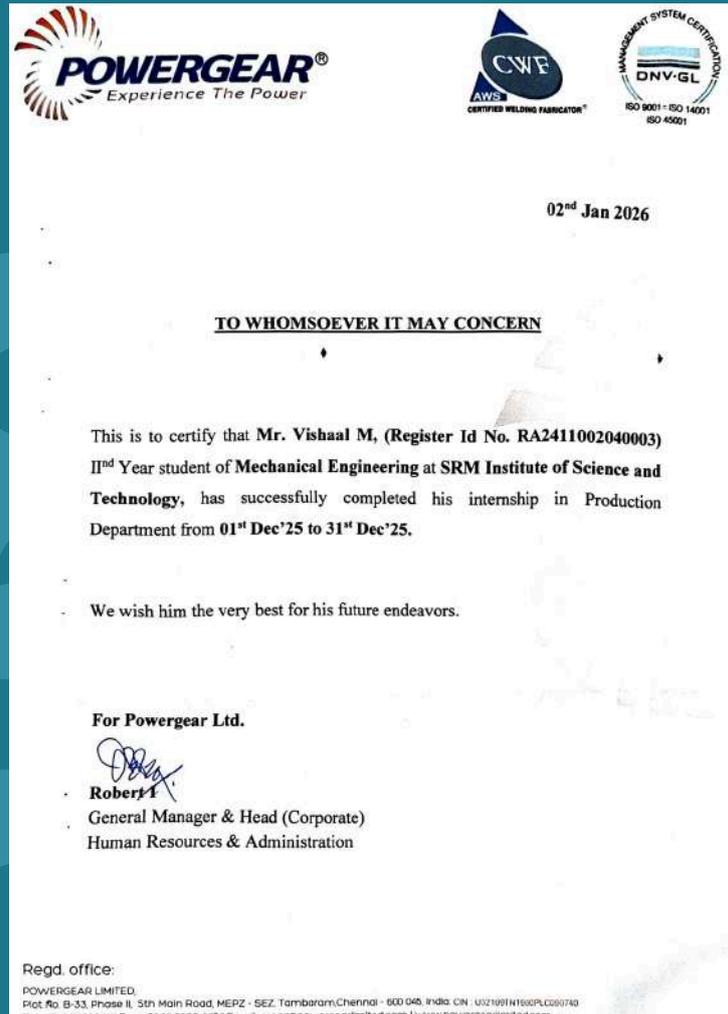


# **INTERNSHIP COMPLETION**

ENGINEERING EXPERIENCE IN  
ACTION

# POWER GEAR COMPANY -M.VISHAL

## 2<sup>ND</sup> YEAR MECHANICAL



M. Vishal, a second-year Mechanical Engineering student, successfully completed his internship at Powergear Company in the Production Department. During this experience, he gained valuable hands-on exposure to real-time manufacturing processes, shop-floor operations, and industrial work culture. The internship helped him connect classroom concepts with practical applications, improving his technical confidence, problem-solving ability, and understanding of production-oriented engineering environments.

# VEDANTA - M.ASWANTH

## 2<sup>ND</sup> YEAR MECHANICAL (AIML)



Aswanth M, a second-year Mechanical Engineering (AI & ML) student, successfully completed an internship at Vedanta on the topic “Feasibility Study for Pipeline Leakage Detection and Premature Failure of Pipes” for the Kesinga–Lanjigarh pipeline. Through this internship, he gained practical exposure to pipeline integrity assessment, failure analysis, and data-driven engineering approaches, strengthening his technical insight and industry-oriented problem-solving skills.

# VEDANTA - S. SIVA

## 2<sup>ND</sup> YEAR MECHANICAL



Siva S, a second-year Mechanical Engineering, student, successfully completed an internship at Vedanta on the topic “Feasibility Study for Pipeline Leakage Detection and Premature Failure of Pipes” for the Kesinga–Lanjigarh pipeline. Through this internship, he gained practical exposure to pipeline integrity assessment, failure analysis, and data-driven engineering approaches, strengthening his technical insight and industry-oriented problem-solving skills.

# ART INDUSTRIAL SCHOOL – JEROME A 2<sup>ND</sup> YEAR MECHANICAL



Mr. A. Jerome, a second-year Mechanical (AI & ML) student, successfully completed his internship training at Art Industrial School, Nazareth, from 08.12.2025 to 03.01.2026. During this period, he gained practical exposure to modern Tool Room techniques and observed advanced training centre operations. The internship enhanced his understanding of tool room practices, improved his technical skills, and strengthened his ability to relate academic learning with real-time industrial applications.

# RAAM GROUP - THARUN KRISHNA

## 3<sup>RD</sup> YEAR MECHANICAL



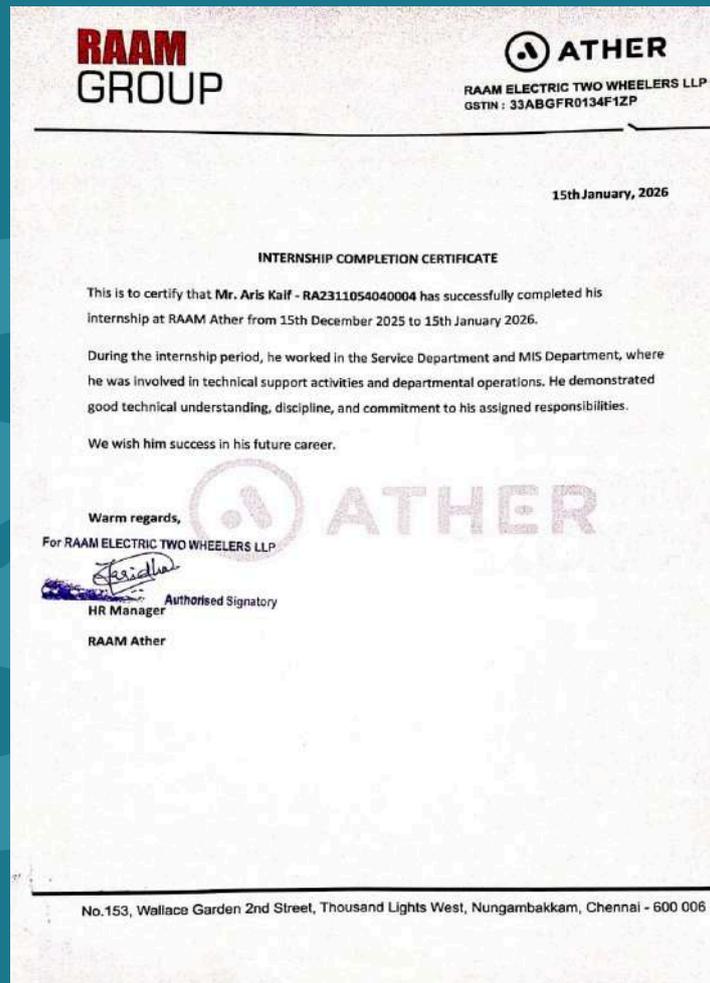
Tharun Krishna, a third-year Mechanical Engineering student, successfully completed an internship at Raam Group, where he worked in the Service Department in a technical role related to Electric Vehicles. During the internship, he gained hands-on exposure to EV systems, diagnostics, maintenance practices, and service operations. This experience enhanced his understanding of emerging mobility technologies, strengthened his technical competence, and provided valuable insight into real-world applications of electric vehicle engineering.

# SOUTHERN RAILWAY – DIESEL LOCO SHED, GOLDEN ROCK – N. SURYA NARAYANAN 4<sup>th</sup> YEAR MECHANICAL



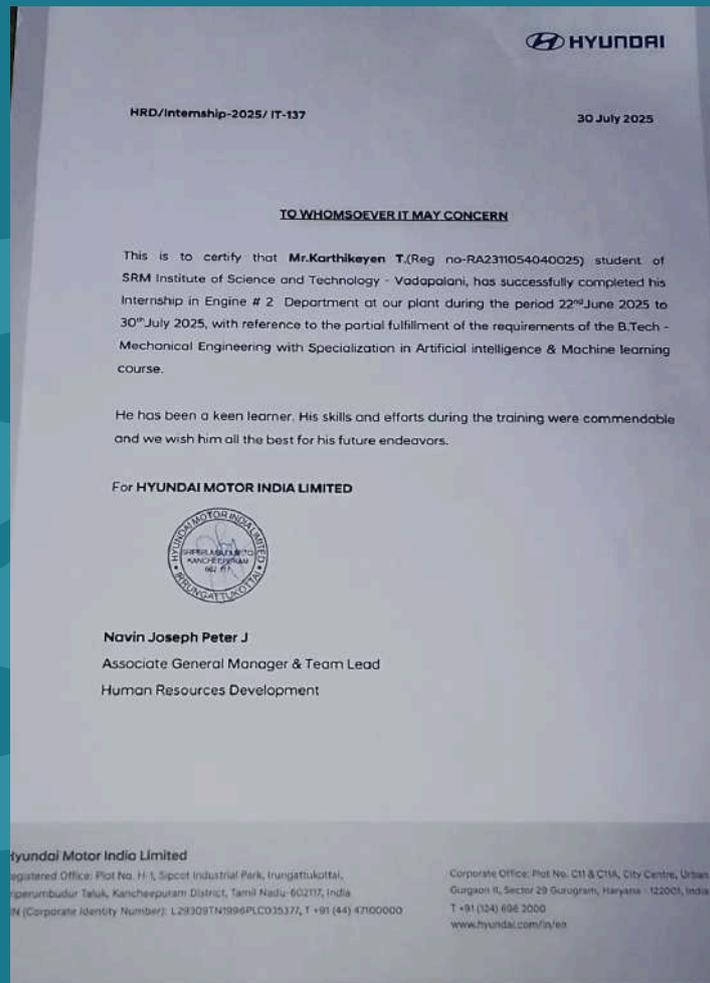
Shri N. Surya Narayanan, IV Year Mechanical Engineering student from SRM Institute of Science and Technology, Chennai, completed Inplant Training at the Diesel Loco Shed, Golden Rock, Tiruchirappalli. The training provided exposure to locomotive systems, maintenance practices, and railway mechanical operations, strengthening his practical understanding of core mechanical engineering applications in the Indian Railways.

# RAAM GROUP (ATHER) – ARIS KAIF SERVICE & MIS DEPARTMENT 3<sup>RD</sup> YEAR MECHANICAL



Aris Kaif successfully completed an internship at RAAM Ather (RAAM Electric Two Wheelers LLP), where he worked in the Service Department and MIS Department. During the internship, he was involved in technical support activities and departmental operations related to electric two-wheelers. This experience enhanced his understanding of EV service operations, technical coordination, and professional discipline, providing practical exposure to real-world electric mobility systems.

# HYUNDAI MOTORS LIMITED -KARTHIKEYEN T 3<sup>RD</sup> YEAR MECHANICAL



Karthikeyen T, a B.Tech Mechanical Engineering (AIML) student from SRM Institute of Science and Technology, Vadapalani, completed an internship at Hyundai Motor India Limited in the Engine No. 2 Department. During the training period, he gained exposure to engine manufacturing processes and industrial practices. He demonstrated strong learning ability and technical interest, gaining valuable insight into large-scale automotive production systems.

# DRDO – CVRDE 4<sup>TH</sup> MECHANICAL AIML



Suryakumar S, Gowtham E, Dhiraj Venkatesan, and Akash A, B.Tech Mechanical Engineering (AIML) students from SRM College of Engineering and Technology, Chennai, completed an internship at CVRDE–DRDO, Avadi, Chennai. The team worked on the project “Structural Analysis of Loading Platform” under the guidance of Shri Pazhani Kumar S, Scientist ‘G’. They developed finite element models from CAD data and performed structural analysis under various loading conditions using Altair HyperMesh and ABAQUS. The internship provided exposure to defence-grade engineering practices and strengthened their practical understanding of finite element analysis and real-world mechanical applications.

# **FACULTY ACHIEVEMENTS**

ENGINEERING EXCELLENCE THROUGH ACADEMIC LEADERSHIP

**PhD Completion:  
Dr.H.MOHAMED SUHAIL  
Dr.N.DINAKAR**

**OUTREACH PROGRAM-CAREER  
DEVELOPEMENT FROM MECHANICAL  
DEPARTMENT**

**NPTEL ACHIEVEMENTS**

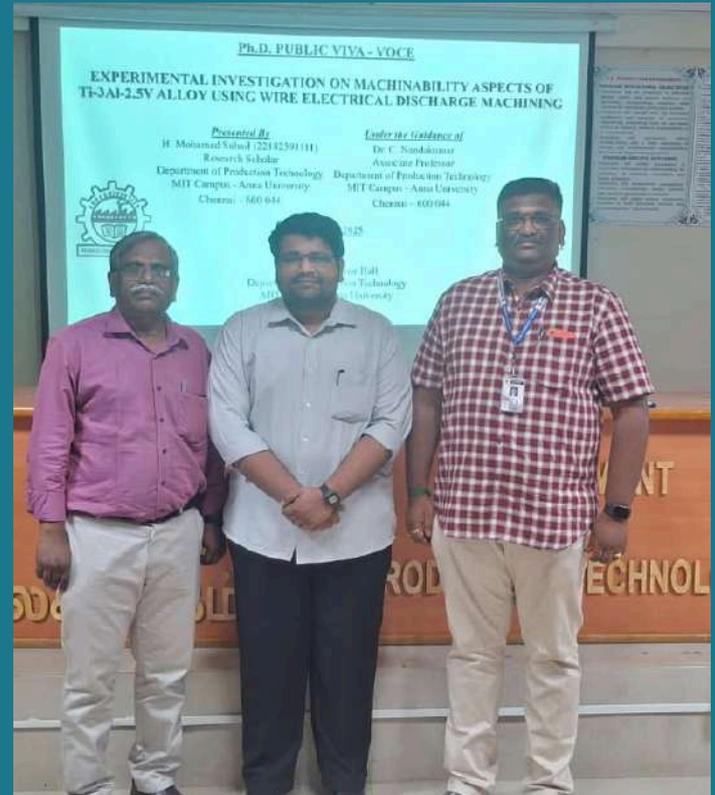
**CONFERENCES**

**FACULTY DEVELOPMENT PROGRAMS**

**FACULTY PUBLICATIONS**

# PHD AWARD – DR. H. MOHAMED SUHAIL MECHANICAL ENGINEERING

Dr. H. Mohamed Suhail, Assistant Professor (O.G), Department of Mechanical Engineering, successfully completed his Ph.D at the Madras Institute of Technology, Anna University. His doctoral research, titled Experimental Investigation on Machinability Aspects of Ti-3Al-2.5V Alloy Using Wire Electrical Discharge Machining, reflects his strong academic commitment and research excellence in engineering.



The research focuses on advanced manufacturing techniques and machinability behaviour of titanium alloys, contributing to improved machining performance and process efficiency in non-traditional machining. He successfully defended his thesis during the Ph.D Viva-Voce held on 18 August 2025, marking a significant academic milestone for his career and institutional research excellence.

# PHD AWARD – DR. N.DINAKAR MECHANICAL ENGINEERING



Dr. N. Dinakar, a faculty member in the Department of Mechanical Engineering, successfully completed his Ph.D on the topic “Investigation of Wear and Stress Corrosion Cracking Behaviour of C-TIG and A-TIG Welded AISI 304L Stainless Steel.” His research focused on analyzing the wear characteristics and corrosion resistance of welded stainless steel joints, providing valuable insights into welding performance, material reliability, and structural durability for industrial and engineering applications.

# OUTREACH PROGRAM – CAREER AWARENESS FROM MECHANICAL ENGINEERING DEPARTMENT



An outreach program, “SCOPE” (Students Corporate Outreach Programme), was conducted at Sivasamy Kalalaya School to raise awareness among school students about Mechanical Engineering as a future career option. The sessions were handled by Dr. M. Kamatchi Hariharan and Dr. P. Haja Syeddu Masooth, who guided students on the scope, opportunities, and real-world applications of Mechanical Engineering. The program focused on helping students understand various career pathways, emerging technologies, and the relevance of mechanical engineering in modern industries. The interactive session encouraged students to explore their interests, ask questions, and make informed decisions about their future academic and professional goals.

# NPTEL COURSE COMPLETIONS

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**KARTHIKEYAN N**  
 for successfully completing the course

**Mechanics of Composite Materials and Structures**

with a consolidated score of **78** %

Online Assignments	23.75/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **54**

Jul-Oct 2025  
 (12 week course)

Prof. Naimanti Banerji  
 Coordinator, NPTEL,  
 IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No. NPTEL25AE3351154000073 To verify the certificate No. of credits recommended: 3 or 4

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**KARTHIKEYAN N**  
 for successfully completing the course

**Chemical Process Safety**

with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: **957**

Jul-Oct 2025  
 (12 week course)

Prof. Anshik Ghosh,  
 Professor (Chemistry),  
 Coordinator, CSC

Prof. Ranjana Pathania,  
 Professor (BSR),  
 Coordinator (NPTEL)

Indian Institute of Technology Roorkee

swayam

Roll No. NPTEL25CI-565354000506 To verify the certificate No. of credits recommended: 3 or 4

**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**P ARUNARANI**  
 for successfully completing the course

**Python for Data Science**

with a consolidated score of **62** %

Online Assignments	25/25	Proctored Exam	36.74/75
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Total number of candidates certified in this course: **16331**

Jul-Aug 2025  
 (4 week course)

Prof. Andrew Thangaraj  
 Chair,  
 Centre for Outreach and Digital Education, IITM

Prof. Vignesh Muthurajayan  
 NPTEL Coordinator,  
 IIT Madras

Indian Institute of Technology Madras

swayam

NAME	COURSE	DURATION
MRS.P.ARUNA RANI	PYTHON FOR DATA SCIENCE	1 <sup>ST</sup> JULY 2025 TO 31 <sup>ST</sup> AUG 2025
DR.SATTHIYARAJU	MICROROBOTICS	21 <sup>ST</sup> JULY 2025 TO 10 <sup>TH</sup> OCT 2025
DR.N.KARTHIKEYAN	CHEMICAL PROCESS SAFETY	21 <sup>ST</sup> JULY 2025 TO 10 <sup>TH</sup> OCT 2025
DR.N.KARTHIKEYAN	MECHANICS OF COMPOSITE MATERIALS	21 <sup>ST</sup> JULY 2025 TO 10 <sup>TH</sup> OCT 2025

# NPTEL COURSE COMPLETIONS

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**H MOHAMED SUHAIL**  
 for successfully completing the course

**Technical Communication for Engineers**

with a consolidated score of **86** %

Online Assignments	23.33/25	Proctored Exam	63/75
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Total number of candidates certified in this course: **2586**

Prof. Kavish Ghosh, Professor (Chemistry), Coordinator CCC  
 Jul-Aug 2025 (4 week course)  
 Prof. Rajana Patraia, Professor (BSE), Coordinator (NPTEL)

Indian Institute of Technology Roorkee

Roll No: NPTEL25G6425533206273 To verify the certificate No. of credits recommended: 1 of 2

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**H MOHAMED SUHAIL**  
 for successfully completing the course

**Robotics**

with a consolidated score of **75** %

Online Assignments	21.25/25	Proctored Exam	53.5/75
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Total number of candidates certified in this course: **631**

Jul-Sep 2025 (8 week course)  
 Prof. Himanti Banerji, Coordinator NPTEL, IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25ME1965833296229 To verify the certificate No. of credits recommended: 2 or 3

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**H MOHAMED SUHAIL**  
 for successfully completing the course

**Sustainable Architecture**

with a consolidated score of **71** %

Online Assignments	24.13/25	Proctored Exam	46.58/75
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Total number of candidates certified in this course: **368**

Prof. Kavish Ghosh, Professor (Chemistry), Coordinator CCC  
 Jul-Oct 2025 (12 week course)  
 Prof. Rajana Patraia, Professor (BSE), Coordinator (NPTEL)

Indian Institute of Technology Roorkee

Roll No: NPTEL25AR13536306651 To verify the certificate No. of credits recommended: 3 or 4

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**H MOHAMED SUHAIL**  
 for successfully completing the course

**Ethics in Engineering Practice**

with a consolidated score of **84** %

Online Assignments	22.08/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: **4112**

Aug-Oct 2025 (8 week course)  
 Prof. Himanti Banerji, Coordinator NPTEL, IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25MG14151175100314 To verify the certificate No. of credits recommended: 2 or 3

NAME	COURSE	DURATION
DR. MOHAMMED SUHAIL	TECHICAL COMMUNICATION FOR ENGINEERS	21 <sup>ST</sup> JULY 2025 TO 15 <sup>TH</sup> AUG 2025
DR. MOHAMMED SUHAIL	ROBOTICS	21 <sup>ST</sup> JULY 2025 TO 12 <sup>TH</sup> SEP 2025
DR. MOHAMMED SUHAIL	SUSTAINABLE ARCHITECTURE	21 <sup>ST</sup> JULY TO 10 <sup>TH</sup> OCT 2025
DR. MOHAMMED SUHAIL	ETHICS IN ENGINEERING PRACTICE	18 <sup>TH</sup> AUG 2025 TO 10 <sup>TH</sup> OCT 2025

# NPTEL COURSE COMPLETIONS

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**NAVEENKUMAR R**  
 for successfully completing the course  
**Industrial Safety Engineering**  
 with a consolidated score of **66 %**

Online Assignments	24.16/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **768**

Jul-Oct 2025  
 (12 week course)

Prof. Rajmanki Banerji  
 Coordinator, NPTEL  
 IT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25MG142S1153903898 To verify the certificate No. of credits recommended: 3 or 4

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**P HAJA SYEDDU MASOOTH**  
 for successfully completing the course  
**Introduction to Machine Learning**  
 with a consolidated score of **60 %**

Online Assignments	22.44/25	Proctored Exam	37.76/75
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Total number of candidates certified in this course: **6928**

Jul-Oct 2025  
 (12 week course)

Prof. Andrew Thangaraj  
 OVP  
 Centre for Outreach and Digital Education, IITM

Prof. Vignesh Muthurajayan  
 NPTEL Coordinator  
 IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL25CS91S364012428 To verify the certificate No. of credits recommended: 3 or 4

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**P HAJA SYEDDU MASOOTH**  
 for successfully completing the course  
**Introduction to Machine Learning**  
 with a consolidated score of **60 %**

Online Assignments	22.44/25	Proctored Exam	37.76/75
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Total number of candidates certified in this course: **6928**

Jul-Oct 2025  
 (12 week course)

Prof. Andrew Thangaraj  
 OVP  
 Centre for Outreach and Digital Education, IITM

Prof. Vignesh Muthurajayan  
 NPTEL Coordinator  
 IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL25CS91S354012428 To verify the certificate No. of credits recommended: 3 or 4

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**P HAJA SYEDDU MASOOTH**  
 for successfully completing the course  
**Product Design and Development**  
 with a consolidated score of **81 %**

Online Assignments	24.17/25	Proctored Exam	57/75
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Total number of candidates certified in this course: **1255**

Jul-Aug 2025  
 (4 week course)

Prof. Kavitha Ghosh  
 Professor (Design)  
 Coordinator, IIC

Prof. Paragita Pithmia,  
 Professor (ESSE)  
 Coordinator (NPTEL)

Indian Institute of Technology Roorkee

Roll No: NPTEL25ME1219433300741 To verify the certificate No. of credits recommended: 1 or 2

NAME	COURSE	DURATION
DR.NAVEEN KUMAR	INDUSTRIAL SAFETY ENGINEERING	21 <sup>ST</sup> JULY 2025 TO 10 <sup>TH</sup> OCT 2025
DR.P.HAJA SYEDDU MASOOTH	DATA SCIENCE FOR ENGINEERS	21 <sup>ST</sup> JULY 2025 TO 12 <sup>TH</sup> OCT 2025
DR.P.HAJA SYEDDU MASOOTH	INTRODUCTION TO MACHINE LEARNING	21 <sup>ST</sup> JULY TO 10 <sup>TH</sup> OCT 2025
DR.P.HAJA SYEDDU MASOOTH	PRODUCT DESIGN AND DEVELOPMENT	1 <sup>ST</sup> JULY TO 31 <sup>ST</sup> AUG 2025

# NPTEL COURSE COMPLETIONS

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**VISAGAN**  
 for successfully completing the course  
**Sustainable Energy Technology**  
 with a consolidated score of **62** %

Online Assignments	20.31/28	Proctored Exam	41.87/76
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Total number of candidates certified in this course: **2018**

Prof. B. Umashankar  
 Director, Centre for Continued Education (CCE)  
 IIT Hyderabad

Jul-Oct 2025  
 (12 week course)

Prof. Andrew Thangaraj  
 NPTEL, Coordinator  
 IIT Madras

Indian Institute of Technology Hyderabad

Roll No: NPTEL25ME179S85007860 To verify the certificate No. of credits recommended: 3 or 4

**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**VISAGAN**  
 for successfully completing the course  
**Industrial Safety Engineering**  
 with a consolidated score of **47** %

Online Assignments	16.88/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **768**

Jul-Oct 2025  
 (12 week course)

Prof. Haimanti Boreji  
 Coordinator, NPTEL  
 IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25MG14261153906331 To verify the certificate No. of credits recommended: 3 or 4

**Elite**  
**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**ARUN RAPHEL**  
 for successfully completing the course  
**Powder Metallurgy**  
 with a consolidated score of **69** %

Online Assignments	22.47/26	Proctored Exam	46.75/75
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Total number of candidates certified in this course: **40**

Prof. Andrew Thangaraj  
 Chair  
 Centre for Research and Digital Education, IITM

Jul-Oct 2025  
 (12 week course)

Prof. Vignesh Muthavijayan  
 NPTEL, Coordinator  
 IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL25MM42S363902413 To verify the certificate No. of credits recommended: 3 or 4

**NPTEL ONLINE CERTIFICATION**  
 (Funded by the MoE, Govt. of India)

This certificate is awarded to  
**DR A LALITHA SARAVANAN**  
 for successfully completing the course  
**Introduction to Machine Learning (Tamil)**  
 with a consolidated score of **50** %

Online Assignments	17.12/25	Proctored Exam	33.33/75
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Total number of candidates certified in this course: **264**

Prof. Andrew Thangaraj  
 Chair  
 Centre for Research and Digital Education, IITM

Jul-Sep 2025  
 (8 week course)

Prof. Vignesh Muthavijayan  
 NPTEL, Coordinator  
 IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL25CS59S33208315 To verify the certificate No. of credits recommended: 2 or 3

NAME	COURSE	DURATION
DR.VISHAGAN	SUSTAINABLE ENERGY TECHNOLOGY	21 <sup>ST</sup> JULY TO 10 <sup>TH</sup> OCT 2025
DR.VISHAGAN	INDUSTRIAL SAFETY ENGINEERING	21 <sup>ST</sup> JULY TO 10 <sup>TH</sup> OCT 2025
DR.ARUN RAPHEL	POWDER METALLURGY	1 <sup>ST</sup> JULY TO 31 <sup>ST</sup> OCT 2025
DR.LALITHA SARAVANAN	INTRODUCTION TO MACHINE LEARNING (TAMIL)	21 <sup>ST</sup> JULY TO 20 <sup>TH</sup> NOV 2025

# CONFERENCES



NAME	CONFERENCE	DURATION
DR M KAMATCHI HARIHARAN, DR P HAJA SYEDDU MASOOTH, DR SATTHIYARAJU M, DR ARUN RAPHEL, DR DINAKAR N	4TH INTERNATIONAL CONFERENCE & EXPOSITION ON MATERIALS, MANUFACTURING AND MODELLING TECHNIQUES (ICE3MT2025)'	21 <sup>ST</sup> JULY TO 10 <sup>TH</sup> OCT 2025
DR M KAMATCHI HARIHARAN	INTERNATIONAL CONFERENCE ON CONDENSED MATTER PHYSICS AND NANOTECHNOLOGY (ICCMPN-2025)	21 <sup>ST</sup> JULY TO 10 <sup>TH</sup> OCT 2025

# CONFERENCES



NAME	CONFERENCE	DURATION
DR SATHIYARAJU M	INTERNATIONAL CONFERENCE ON CONDENSED MATTER PHYSICS AND NANOTECHNOLOGY (ICCMNP-2025) Ø PERFORMANCE EVALUATION OF MODIFIED SOLAR POWERED TUNNEL DRYER FOR CHOPPED POTATOES	4 <sup>TH</sup> SEP TO 6 <sup>TH</sup> SEP 2025
DR SATHIYARAJU M	INTERNATIONAL CONFERENCE ON CONDENSED MATTER PHYSICS AND NANOTECHNOLOGY (ICCMNP-2025)- INVESTIGATION OF STRUCTURE - PROPERTY RELATIONSHIPS OF ABS/PC BLENDS FOR HIGH PERFORMANCE 3D PRINTING FILAMENTS	4 <sup>TH</sup> SEP TO 6 <sup>TH</sup> SEP 2025

# CONFERENCES



NAME	CONFERENCE	DURATION
DR K G ANBARASU	INTERNATIONAL CONFERENCE ON MATERIALS, MANUFACTURING & MANAGEMENT FOR INDUSTRY 4.0 ( IC3MI - 25 )	5 <sup>TH</sup> DEC TO 6 <sup>TH</sup> DEC 2025
DR NAVEEN KUMAR	INTERNATIONAL CONFERENCE ON CONDENSED MATTER PHYSICS AND NANOTECHNOLOGY (ICCPN-2025)	4 <sup>TH</sup> SEP TO 6 <sup>TH</sup> SEP 2025

# CONFERENCES



NAME	CONFERENCE	DURATION
DR P HAJA SYEDDU MASOOTH	INTERNATIONAL CONFERENCE ON CONDENSED MATTER PHYSICS AND NANOTECHNOLOGY (ICCMNP-2025)	4 <sup>TH</sup> SEP TO 6 <sup>TH</sup> SEP 2025
DR VISAGAN	INTERNATIONAL CONFERENCE ON CONDENSED MATTER PHYSICS AND NANOTECHNOLOGY (ICCMNP-2025)	4 <sup>TH</sup> SEP TO 6 <sup>TH</sup> SEP 2025

# CONFERENCES

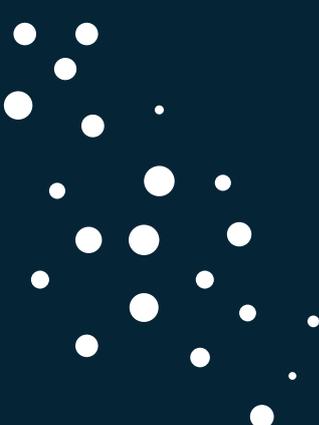


NAME	CONFERENCE	DURATION
DR ARUN RAPHEL	INTERNATIONAL CONFERENCE ON CONDENSED MATTER PHYSICS AND NANOTECHNOLOGY (ICCPN-2025)	4 <sup>TH</sup> SEP TO 6 <sup>TH</sup> SEP 2025
DR ARUN RAPHEL	INTERNATIONAL CONFERENCE ON CONDENSED MATTER PHYSICS AND NANOTECHNOLOGY (ICCPN-2025)	4 <sup>TH</sup> SEP TO 6 <sup>TH</sup> SEP 2025

# CONFERENCES



NAME	CONFERENCE	DURATION
MRS P ARUNARANI	10TH INTERNATIONAL CONFERENCE ON HUMAN VALUES IN HIGHER EDUCATION (ICHVHE 2025).	19 <sup>TH</sup> DEC TO 21 <sup>ST</sup> DEC 2025



# PATENT DETAILS

Dr. S. Karthikeyan and Dr. M. Kamatchi Hariharan, faculty members of the Department of Mechanical Engineering, were published a patent titled “Bain Marie Integrated with Latent Heat Thermal Storage” (Patent No. 202541071891.00), published in August 2025. The patented innovation focuses on integrating latent heat thermal storage with a Bain Marie system to enhance thermal efficiency and energy conservation. This work highlights their contribution to sustainable thermal system design and applied mechanical engineering research.

Dr. Arun Raphel, faculty member of the Department of Mechanical Engineering, was awarded a patent titled “Portable Rice Powder Steamer Machine” (Patent No. 464419-001), published in July 2025. The innovation focuses on developing a compact and portable steaming system for efficient rice powder processing. This patented work contributes to improved food processing efficiency and highlights practical mechanical design aimed at small-scale and domestic applications.



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Dr Naveen Kumar	ZERO CARBON POWER GENERATION AND RENEWABLE TECHNOLOGIES	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR



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# FACULTY INDUSTRIAL IMMERSION PROGRAM



Dr. R. Rajaraman, Mrs. P. Aruna Rani, and Mr. A. Umapathy successfully completed the Faculty Industry Immersion Program (FIIP) at Bright CNC Tech, Chennai. The program was conducted from June 19, 2025 to July 03, 2025. It provided valuable exposure to real-time industrial practices and advanced manufacturing processes.

During the immersion, the faculty members gained practical insights into CNC operations, production techniques, and quality standards followed in the industry. The program strengthened their understanding of current industrial trends. It also helped bridge the gap between academic learning and industry requirements.



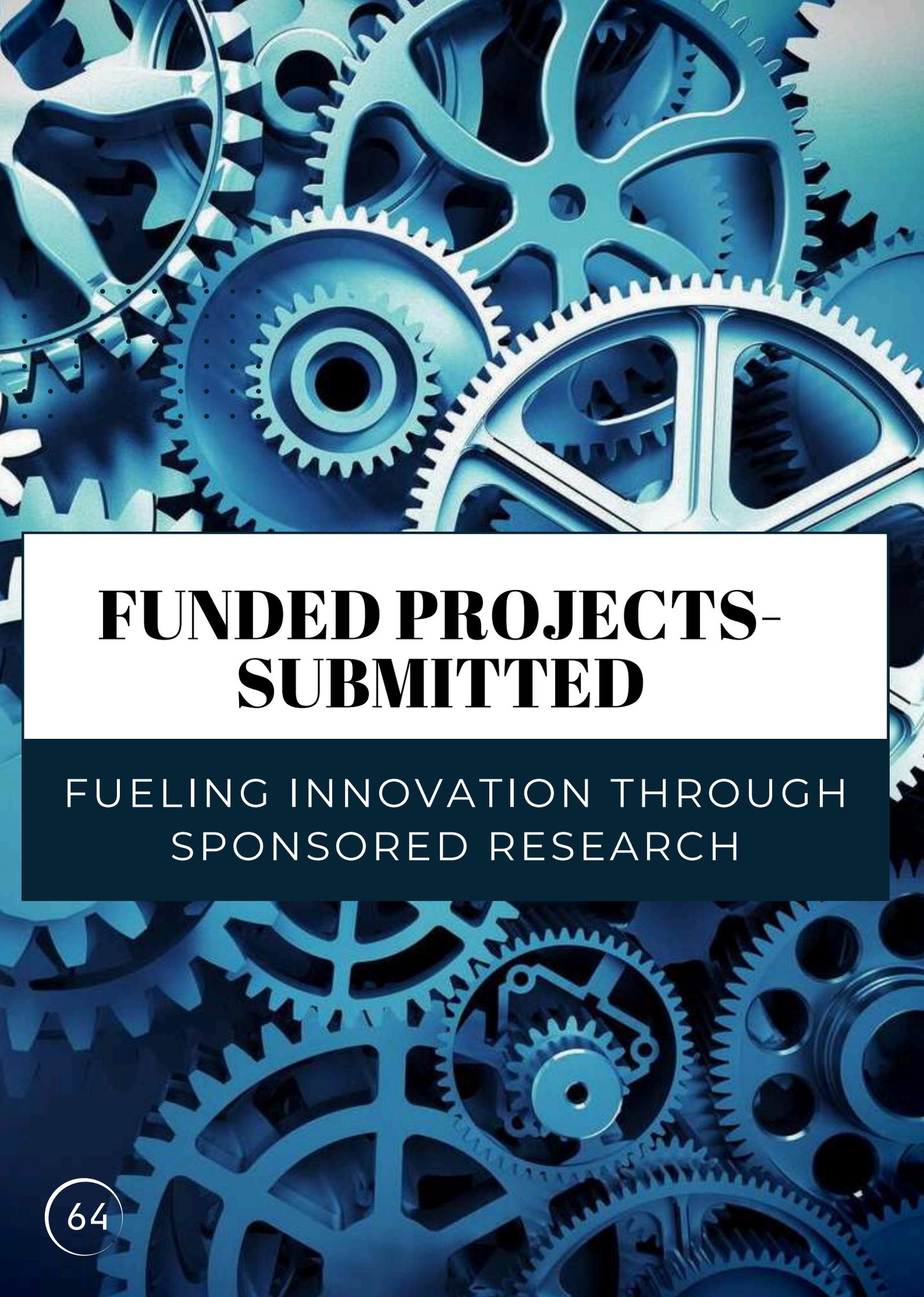
The management of Bright CNC Tech appreciated their active participation and professional commitment throughout the program. Their enthusiasm and dedication were highly commendable. The experience gained will further enrich their teaching and academic contributions.



# FACULTY INDUSTRIAL IMMERSION PROGRAM



Dr. P. Haja Syeddu Masooth and Dr. M. Kamatchi Hariharan actively participated in the Faculty Industry Immersion Program (FIIP) at United Industries Plastic Pvt. Ltd., Chennai, from June 24, 2025 to July 01, 2025. During the program, they gained hands-on experience in injection molding, painting, and assembly processes involved in plastic mould manufacturing. They were exposed to end-to-end production operations and quality control practices followed in the industry. The immersion enhanced their practical understanding of real-time manufacturing workflows and industrial standards. The program strengthened the integration of academic knowledge with industrial applications. The management appreciated their active participation and professional commitment throughout the training.



# **FUNDED PROJECTS- SUBMITTED**

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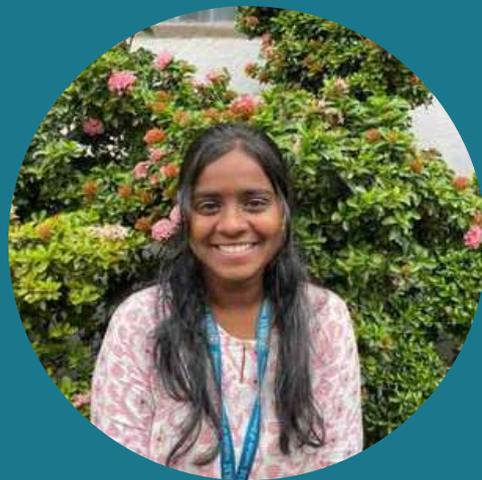


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The Mechanical Engineering Department is proud to highlight the dedication and enthusiasm of its faculty and students in pursuing continuous learning and skill development. Their commitment to excellence and professional growth is evident through active engagement in various enriching opportunities. These experiences play a vital role in shaping well-rounded engineers ready to meet future challenges with confidence and innovation.

