



Sri Venkateswara  
College of  
Engineering



Department of Mechanical Engineering

**MARCH 2024**

# **IGNITION NEWSLETTER**

**ISSUE 03**



SCAN TO  
TAKE  
VIRTUAL  
TOUR

## **Inside this Issue**

Discovery Digest | Student Spotlight | Faculty  
Achievement | Students Accolades | Events | Industrial  
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## About the Department

The department of Mechanical Engineering started its successful journey in 1985 and has been accredited by the NBA since 1998. It is recognized as a research center approved by Anna University, as well. The UG/PG courses offered by the department cover the thrust areas such as Thermal, Design, Manufacturing and Industrial Engineering and is supplemented by well - equipped laboratories, reputed research supervisors and dedicated faculty members. The department has the privilege of housing research cells- namely the Fibre Reinforced Composite (FRP) Cell, Engine Testing and Bio - Fuel Research cell, Tribology research cell, Welding research cell which are used extensively for research and consultancy projects. The department has completed sponsored research projects for a worth of more than 1.5 crore and consultancy projects for more than 75 lakhs. The department has established a center of excellence in Additive Manufacturing and Computer Integrated Manufacturing, which houses the facilities such as Digital Manufacturing, Robotics and HMI based Automation and 3D printers. The department has published more than 150 papers in peer reviewed journals during the last 4 years.

The following programs are offered by the department

1. B.E. Mechanical Engineering
2. B.E. Mechanical and Automation Engineering
3. M.E. Industrial Automation and Robotics

## Vision

To be a leader in Higher Technical Education and Research by providing the state of the art facilities to transform the learners into global contributors and achievers.

## Mission

1. To be renowned for offering Programs in the field of Mechanical Engineering that imparts competent technical knowledge along with skill, research & innovation, leadership and life skills needed for the students to contribute and achieve at global level.
2. To provide quality education encompassing recent technological developments by continuously upgrading the academic infrastructure thereby enhancing the technical knowledge of students, teachers and supporting staff which facilitates technical assistance to industrial and societal needs.
3. To offer need based training to the students in tools relevant to mechanical engineering.
4. To continuously upgrade the research facility and provide a conducive environment leading to continuous learning, development and transfer of knowledge.
5. To inculcate in students minds about Professional ethics, Human Values and Environmental issues in Engineering.

# DISCOVERY DIGEST

*“Navigating the Frontiers”*

## UNDERSTANDING THE IMPACT OF INDOOR AIR POLLUTION ON HEALTH AND WELL-BEING



Indoor air pollution originates from various sources like household products, building materials, heating appliances, and outdoor emissions. Common indoor pollutants include particulate matter, volatile organic compounds (VOC), carbon monoxide, nitrogen dioxide, formaldehyde, and biological contaminants. Exposure to these pollutants can lead to a range of health issues from respiratory problems to severe conditions like asthma and cancer.

Particulate matter can penetrate deep into the lungs, causing respiratory and cardiovascular problems. VOCs from household products can irritate the eyes, nose, and throat, with some being carcinogens. Carbon monoxide can lead to poisoning with symptoms like headaches and dizziness.

Vulnerable groups like children, the elderly, and those with health conditions are particularly at risk. Poor indoor air quality can impair cognitive function, reduce productivity, and impact overall quality of life. Mitigating indoor air pollution involves identifying sources, improving ventilation, and reducing exposure through strategies like air purifiers and eco-friendly products. Several mitigation strategies like Ventilation, Air Purification, Source Control, Radon Testing and elimination, etc., can be implemented.

In conclusion, addressing indoor air pollution is crucial for public health. Raising awareness, implementing mitigation strategies, and creating healthier indoor environments are essential to protect individuals and families from the harmful effects of indoor air pollution.

**Reference:** World Health Organization. (2018). *Ambient (outdoor) air quality and health*.

# STUDENT SPOTLIGHT

*"From Students, For Students"*

## PREP QUEST

*Your Dynamic Guide to Placement Triumph!*

### *Hey there Mechanical Engineers !!!*

You are likely gearing up for one of the most crucial phases of your academic journey - placements. Whether your goal is to secure a position in a core engineering company or explore opportunities in non-core sectors, thorough preparation is key to success. In this column, I'll share practical insights and tips to help you prepare effectively for placements and excel in them.



**Justin Kiran Kumar S**  
(IV Year - MEC)

### 1. Know Your Strengths and Interests



Before diving into the placement process, take some time to reflect on your strengths, weaknesses, and interests within the field of mechanical engineering. Understanding what you excel at and what you're passionate about will help you tailor your job search and prepare effectively for interviews.

### 2. Update Your Resume



Your resume is your first impression on potential employers. Make sure it highlights your relevant skills, experiences, and projects. Tailor your resume for each job application, emphasizing the aspects that align with the requirements of the position you're applying for.

# PREP QUEST

*Your Dynamic Guide to Placement Triumph!*

## 3. Build Technical Skills



For core engineering roles, technical knowledge is paramount. Brush up on your core subjects such as Manufacturing Methods, Mechanics of Solids, Material science and CAD/CAM. Consider taking online courses, participating in workshops.

## 4. Develop Soft Skills



In addition to technical prowess, employers also value soft skills such as communication, teamwork, problem-solving, and leadership. Engage in activities that allow you to hone these skills, such as group projects, presentations, and extracurricular activities or joining relevant student clubs to enhance your soft skills.

## 5. Practice Aptitude and Technical Tests



Many companies conduct aptitude and technical tests as part of their placement process. Familiarize yourself with the types of questions commonly asked and practice regularly to improve your speed and accuracy. There are numerous online resources and mock tests available for this purpose.

## 6. Stay Updated on Industry Trends



Demonstrate your enthusiasm for the field of mechanical engineering by staying informed about the latest industry trends, technological advancements, and emerging practices. Follow relevant publications, join professional forums, and participate in webinars to stay ahead of the curve.

# PREP QUEST

*Your Dynamic Guide to Placement Triumph!*

## 7. Prepare for Interviews



Ace your interviews by thoroughly researching the company, understanding its products/services, and familiarizing yourself with common interview questions. Practice mock interviews with peers or career counselors to refine your responses and boost your confidence.

As you embark on this exciting journey towards your future career, remember that preparation, persistence, and a positive attitude are your greatest allies. Keep pushing yourself to grow, learn, and adapt, and success will surely follow.



## CHECKLIST

Here's your go-to checklist to ensure you're fully equipped to tackle every aspect of the placement process with confidence and finesse. From identifying your strengths to acing interviews and everything in between, this checklist will serve as your go-to companion for navigating the world of placements. Let's dive in and pave the way to your future career success!

## TECHNICAL ROUND

1. Have you reviewed core mechanical engineering subjects such as Manufacturing Methods, Mechanics of Solids, Material science, thermodynamics, and CAD/CAM etc?
2. Can you confidently apply theoretical knowledge to solve practical engineering problems and technical round questions?
3. Are you practicing regularly with mock tests to improve your speed and accuracy in solving mathematical, logical, and reasoning questions?

# PREP QUEST

*Your Dynamic Guide to Placement Triumph!*

## **GROUP DISCUSSION**

1. Do you understand the roles and dynamics of different participants in a group discussion, and have you practiced assuming these roles effectively?
2. Can you articulate your viewpoint clearly and concisely on various engineering and technology-related topics, demonstrating your communication skills?

## **INTERVIEW PREPARATION**

1. Have you prepared responses to common behavioral questions, focusing on examples from your academic, extracurricular, and professional experiences to showcase key attributes such as teamwork, leadership, and problem-solving?
2. Can you confidently answer technical questions related to your field of study and potential job role?
3. Are you prepared to showcase your problem-solving skills and adaptability through real-life examples during interviews?
3. Have you thoroughly researched the company, its products/services, mission, and values, and can you relate your skills, experiences, and career goals to the company's objectives and requirements?

## **NON CORE SECTOR**

1. Are you familiar with the roles and opportunities available for engineering graduates in non-core sectors, and can you articulate how your engineering background can add value in those sectors?

## **OVERALL**

1. Have you identified a niche area within mechanical engineering that aligns with your interests and career goals?
2. Have you recognized your aptitude strengths, such as excelling in quantitative skills, logical reasoning, or vocabulary, and your proficiency in each of these areas?
3. Have you identified your transferable skills beyond technical expertise, and can you articulate how they can contribute to your success in various career paths?
4. Have you participated in relevant projects, internships, or lab work to showcase practical applications of your engineering skills?
5. Have you familiarized yourself with common question patterns and effective strategies for tackling them in aptitude tests?

# FACULTY ACHIEVEMENT

"A Glimpse of Remarkable Achievements"

**Patent Granted:** A patent has been granted for an invention titled "**Passive Ankle Prosthetic for Below Knee Amputee,**" with patent no. **524034,**

application no. 202241052452, filed on **September 14, 2022,** is attributed to the collaborative efforts of **Prashanna Rangan R, Nishal M, Ramprasad K, and Maheswaran M.** The patent ensures protection for a duration of **20 years** from the filing date, marking a significant achievement in the field of prosthetics and medical technology.





# FACULTY ACHIEVEMENT

*"A Glimpse of Remarkable Achievements"*



**Paper Published: Dr. C. Senthamarai Kannan**, along with final year students **G. Shashang, M.S. K. Tharun,** and **S. S. Sriram**, published a paper titled "**Advancing the Durability of Carbon Fiber-Reinforced Composites for Building Hollow Beam**" in the Journal of University of Shanghai for Science and Technology, **ISSN: 1007-6735**, in **March 2024**. This paper is indexed in Scopus.

**Paper Published: Mr. Kirubakaran G and Dr. Senthamaraikannan C** authored a paper titled "**Effect of raster orientation on pure nylon, carbon fiber nylon, and glass fiber nylon using three-dimensional printing,**" which was published in the Proceedings of the Institution of Mechanical Engineers, Part E: **Journal of Process Mechanical Engineering**. The journal has an **Impact Factor of 2.4** and is **SCIE indexed**. The paper was published online on **March 20, 2024**.



**Paper Published: Gnanathirumani and P. Raghu** have published a paper titled "**Design of Portable Hot and Cooling System Used in Kitchen Application Using Peltier Effect**" in the **Journal of University of Shanghai for Science and Technology** (ISSN: 1007-6735), Volume 26, March 2024. This paper is Scopus indexed with a **CiteScore of 0.3**.

# FACULTY ACHIEVEMENT

*"A Glimpse of Remarkable Achievements"*

**Training Program Conducted:** Dr. U Magarajan and Mr. Maheshwaran were honored as a Distinguished Resource Person at the **DRDO** Sponsored Two Days Workshop on "**Heat and Mass Transfer Analysis of Nanofluid and Hands-on Training with CFD Ansys Fluent Software**" organized by the Department of Applied Mathematics in collaboration with the Department of Mechanical Engineering at Sri Venkateswara College of Engineering, Sriperumbudur on **March 26th and 27th, 2024.**



# FACULTY ACHIEVEMENT

*"A Glimpse of Remarkable Achievements"*

**Program Conducted:** The Institution Innovation Council organized a Faculty Development Program on "**Entrepreneurial Competency**" by **Dr. S. Ilaiyavel**, Incubation Manager at the Entrepreneurship Promotion and Incubation Center, SVCE EPIC. The program was held on **March 22, 2024, at 2:00 P.M.** in the ECE Seminar Hall, SJP Block, **SCSVMV University, Kanchipuram.**



# FACULTY ACHIEVEMENT

"A Glimpse of Remarkable Achievements"

**Resource Person for FDP:** Dr. S Ilaiyavel made significant contributions as a resource person for the **5-day Faculty Development Program (FDP)** on "Recent Trends and Advances in Manufacturing Engineering" held from **March 25 to March 29, 2024**. Additionally, Dr. Ilaiyavel presented on the topic "Technology-based Entrepreneurship" on **March 27, 2024**, providing valuable insights and expertise in the field.

**Attended FDP:** Dr. P. Raghu participated in a DRDO-sponsored two-day workshop on "Heat and Mass Transfer Analysis of Nanofluid and Hands-on Training with CFD Ansys Fluent Software." The event was organized by the Department of Applied Mathematics in association with the Department of Mechanical Engineering at SVCE, on March 26th and 27th, 2024.



# FACULTY ACHIEVEMENT

"A Glimpse of Remarkable Achievements"



**FDP Attended: Dr. S. Natarajan** actively participated in a one-week online Faculty Development Program on "**Global Energy Scenario: Transition from Conventional to Renewable,**" organized by the Department of Electrical Engineering, Abacus Institute of Engineering and Management, from **February 26, 2024, to March 1, 2024.**

**Workshop Attended: Dr. Natarajan** in the One Day Workshop on "**Process and Drafting of Intellectual Property Rights.**" This workshop, sponsored by the **Science and Engineering Research Board (SERB)**, Govt. of India, was organized by the Department of Electrical and Electronics Engineering, SVCE, and held on March 20th, 2024.



# FACULTY ACHIEVEMENT

"A Glimpse of Remarkable Achievements"

Volunteer                      Program

Attended:                      Dr.                      S.

**Natarajan** volunteered for the **Naadu Nam Veedu Thittam** Programme organized by the **UNNAT BHARAT ABHIYAM** cell at Sri Venkateswara College of Engineering on **March 28, 2024.**



Training Program Attended: **Mr. Arulkumar Muniyappan** participated in a 5-day online STTP titled "**Recent Trends and Applications in IoT**" supported by the industry. The event was organized by the **Computer Society of India - SVCE Student Chapter** and took place from **February 27, 2024, to March 4, 2024.**



# FACULTY ACHIEVEMENT

*"A Glimpse of Remarkable Achievements"*



**Training Program Attended:** Dr. Mohandass M participated and successfully completed an Online International **Short-Term Training Program (STTP)** on **"Fundamentals of MATLAB Programming and Applications"** from **March 25, 2024, to March 29, 2024**, conducted by the Research and Publication Division, **Scholars Gate Research Training Institute, Tamil Nadu, India.**

Certificate No: SG24018FMPA028



**Scholars Gate**

Research Training Institute  
(Registered Under MSME, Govt of India)  
Tamil Nadu, India.

## **Certificate of Participation**

This is to certify that

**Dr. MOHANDASS M**

has participated & completed successfully Online **International Short-Term Training Program (STTP)** on **"Fundamentals of MATLAB Programming and Applications"** from **25-03-2024 to 29-03-2024** at Research and Publication Division, **Scholars Gate - Research Training Institute**, Tamil Nadu, India.



**Dr. Rajeshkumar S**  
CEO, Scholars Gate

[www.scholarsgate.in](http://www.scholarsgate.in)

# FACULTY ACHIEVEMENT

"A Glimpse of Remarkable Achievements"

**FDP Attended:** Mr. G. Kirubakaran participated in the One Week National level Online Faculty Development Program on **Outcome Based Education and Application of Generative AI in Teaching and Research**, organized by the **DST-CURIE-AI** center of **Sri Padmavati Mahila Visvavidyalayam** (SPMVV University), **Tirupati**, in association with IPSR Solutions Limited from **March 18, 2024, to March 23, 2024.**



**FDP Attended:** Mr. G Kirubakaran participated in the Faculty Development Program on "**Frontiers Of Additive Manufacturing: Exploring Advanced 3D Printing Technology and Applications**" organized by the Department of Mechanical Engineering, **Vels Institute Of Science, Technology & Advanced Studies** (VISTAS) from **March 4th to March 8th, 2024.**





# FACULTY ACHIEVEMENT

*"A Glimpse of Remarkable Achievements"*

**Training Program Attended: Dr. G Gopinath and Mr. Ram Prasad K** participated in a **Two-Day Residential Training Programme for Key Resource Persons in transacting Lesson Plans under Learning Science via Standards.** The program was conducted by the **National Institute of Training for Standardization, Bureau of Indian Standards, on March 15-16, 2024.**



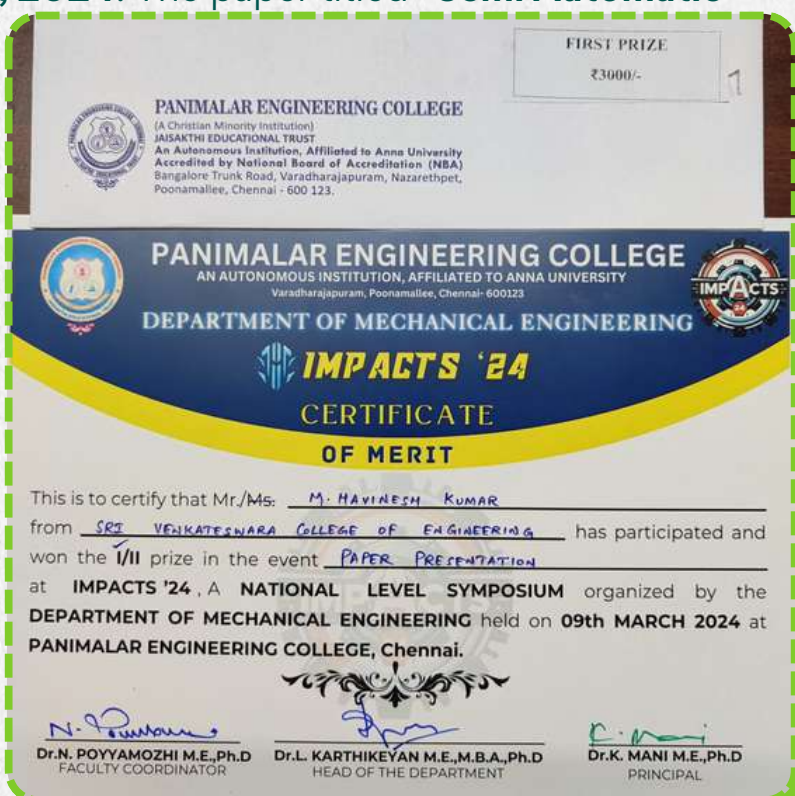
# STUDENTS ACCOLADES

*"Diverse Talents, One Campus Spirit"*

On March 4, 2024, Daksin and Sanjai a II year MN student, actively participated in a Polio vaccination camp as an NCC candidate. The event was graced by the presence of Principal Dr. S. Ganesh Vaidyanathan as the chief guest.



Congratulations to **Mr. Havinesh Kumar**, a second-year **B.E. Mechanical and Automation Engineering student**, for securing the **First place** and winning a cash prize of **Rs. 3000** in the paper presentation competition at **Panimalar Engineering College** on **March 9, 2024**. The paper titled **"Semi Automatic Drainage Cleaning System"** showcased his talent and dedication. We extend our heartfelt congratulations to his mentor, **Mr. M. Nishal**, for their remarkable achievement.



# STUDENTS ACCOLADES

*"Diverse Talents, One Campus Spirit"*



Congratulations to **Melvin Rosoario A**, a IV-year Mechanical Engineering student, for securing the **SECOND PLACE** in the **Music Band event** at **YATRA 2024**, a Cultural fest organized by the management of **Rajalakshmi Institute of Technology**. Your talent and dedication are truly commendable, and we wish you continued success in your future endeavors!



# STUDENTS ACCOLADES

*"Diverse Talents, One Campus Spirit"*

**Anushyanth A** secured **First Position** in the **Render Royal** and **Industrial Robotics Programming and Operation Workshop** held during **TECHNOWAYS**, a National-level technical fest organized by Sri Venkateswara College of Engineering, Sriperumbudur on **March 15th and 16th, 2024.**



**E Gurunathraj** actively participated in the **Render Royal** and **Industrial Robotics Programming and Operation Workshop** held during **TECHNOWAYS**, a National-level technical fest organized by Sri Venkateswara College of Engineering, Sriperumbudur on **March 15th and 16th, 2024.**



# STUDENTS ACCOLADES

*"Diverse Talents, One Campus Spirit"*

**Mohammed Aashiq, Arun Kumar S, and Manikandan J**, fourth-year Mechanical Department students, participated in the **Finals of the PALS innoWAH! 2023-24**. They secured the **Second place** in an Innovation Challenge Competition held at **IIT Madras on March 23rd, 2024**. Congratulations to the students and their mentor, **Mr. M. Maheswaran!**





# STUDENTS ACCOLADES

*"Diverse Talents, One Campus Spirit"*

**Mr. Ramkumar R** has successfully completed a **one-week course** on the **Python programming language** conducted by **Mind Lust**. The course started on **February 28, 2024**.



## CERTIFICATE OF ACHIEVEMENT

This certificate is presented to

**RAMKUMAR R**

for successfully completing a Course about

**Python programming language**

Course Start Date: 2024-02-28

Certified No.  
**16655832185**



2024-03-07  
Date

[www.mindluster.com](http://www.mindluster.com)

**Ramkumar R** has successfully completed the **TCS iON Career Edge - Young Professional course**. The program began on **March 1, 2024**, and concluded on **March 17, 2024**.

**tcs iON**

**tcs** TATA  
CONSULTANCY  
SERVICES  
Building on belief

## Certificate of Achievement

Congratulations!

**Ramkumar R**

for successfully completing  
**TCS iON Career Edge - Young Professional**  
a course that covers

Communication Skills | Presentation Skills | Soft Skills | Career Guidance Framework | Resume Writing  
| Group Discussion Skills | Interview Skills | Business Etiquette | Effective Email Writing | Telephone  
Etiquette | Accounting Fundamentals | IT Foundational Skills | Overview of Artificial  
Intelligence\* (Source: NPTEL)

Start Date: 01 Mar 2024

End Date: 17 Mar 2024

*Mehul Mehta*

**TCS iON**  
Career Edge

**Mehul Mehta**  
Global Delivery Head - TCS iON,  
Tata Consultancy Services

**CERTIFIED**  
CMT ID: 119824 20230801 1218  
Date: 17 Aug 2024

# EVENTS

*“Recapping the Buzzworthy Happenings”*

On **March 8, 2024**, a visit to **Samsung Electronics** plant was organized to discuss the **Student Industry Integrated Training Program (IITP)**. Attendees included Principal **Dr. S. Ganesh Vaidyanathan**, Mr. **S. Muraleedharan**, Chief Placement Officer, along with **Dr. Sudhakar K Bharatan**, Assistant HOD/ EEE, **Dr. S. Ramesh Babu** HOD/Mechanical, and **Dr. M. Mohandass** Assistant HOD/ Mechanical, **Dr. A. Saravanan** Assistant Professor/Mechanical.



A guest lecture on "**Design Thinking**" was conducted by **Dr. S. Suresh Kumar**, Associate Professor from the Department of Mechanical Engineering, **SSN College of Engineering**, on **March 20, 2024**, at 9:00 AM at the **Biotech Seminar Hall**. Attendees had the opportunity to gain insights into this innovative approach to problem-solving.



# EVENTS

*“Recapping the Buzzworthy Happenings”*

**Dr. M Mohandass, Dr. V Sridharan, Dr. A Saravanan, and Dr. U Magarajan** visited **MEL Systems and Services Ltd.** in Perungudi, Chennai, on **March 22, 2024**. The purpose of the visit was to discuss software post-purchase, specifically regarding the Visual Components package, and explore potential collaborations through a memorandum of understanding (MoU) for the future.



# EVENTS

*"Recapping the Buzzworthy Happenings"*

**Department of Applied Mathematics**, in association with the **Department of Mechanical Engineering**, has organizing a two-day workshop sponsored by DRDO on "**Heat and Mass Transfer Analysis of Nanofluid**" and "**Hands-on Training with CFD Ansys Fluent Software.**" The workshop took place on **March 26th and 27th, 2024.**



**Marine Engineering opportunity program:** On **March 18, 2024**, 24 III-year students participated in a career awareness program on marine engineering at **Hindustan Institute of Maritime Training (HIMT)**, Kalpakkam. The event, organized by the HIMT, aimed to enlighten students about the scope of engineers in the field of marine engineering. Coordinated by faculty members **Mr. M Balakumar, Mr. V. Senthilvelan, Dr. S Muniraj, Mr. J Sivaramapandian,** and **Dr. V. Arun Prasath Raja**, the program provided valuable insights into career opportunities in the maritime industry, fostering students' interest and understanding in this domain.



# TECHNOWAYS: EVENTS

*“Recapping the Buzzworthy Happenings”*

SVCE's inaugural interdisciplinary technical event, **Technoways**, held on **March 15th** and **16th, 2024**, showcased student talents and encouraged collaboration among students, faculty, and industry professionals. Technoways fosters collaboration and exploration of emerging trends, catalyzing innovation and paving the way for future breakthroughs.

Department of Mechanical hosted **3 Event.**

1. Render Royal
2. InnoVision Expo
3. Mechstix Marvel.



# TECHNOWAYS: EVENTS

*"Recapping the Buzzworthy Happenings"*

**Technoways Symposium** event was held on **March 15th and 16th, 2024**. On **March 15th**, the Department of Mechanical Engineering organized a workshop on **Industrial Robotics Programming and Operation** from 12:30 PM to 3:00 PM. The program was coordinated by **Dr. M Mohandass**, Program head, **Dr. A Saravanan**, and **Mr. A Ranjith Raj**.



# PLACEMENTS

*"Opening Doors to Career Opportunities"*



**Pasupathy M M**  
**(2127201001049)**

Congratulations to **Pasupathy M M** for his selection at **PROSPIRA India Automotive Products Private Limited** after a thorough evaluation process on **March 4, 2024**. Your hard work and dedication have paid off, and we wish you all the best for your future endeavors!



**Abishek G**  
**(2127201001306)**

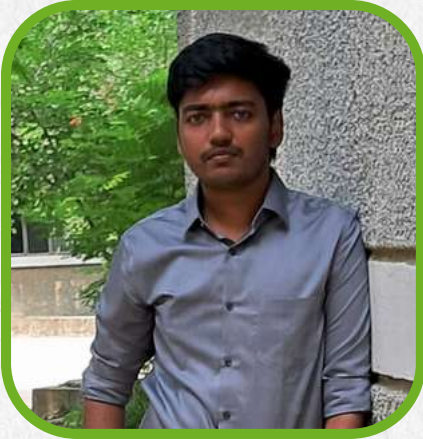


**Rahul Aravind P**  
**(2127201001053)**

Congratulations to **Abishek G** and **Rahul Aravind P** for their selection in **M/s. Illumine-i Industries Pvt Ltd** after a thorough evaluation process on **March 5, 2024**. Your hard work and dedication have paid off, and we wish you all the best for your future endeavors!

# PLACEMENTS

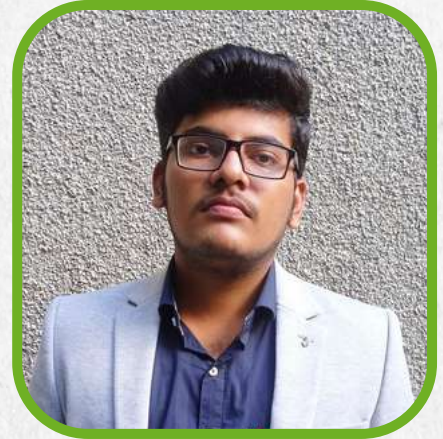
*"Opening Doors to Career Opportunities"*



**Anushyanth A**  
**(2127201001007)**



**Hari Gowtham R**  
**(2127201001020)**



**Hariharan M**  
**(2127201001303)**

Congratulations to **A. Anushyanth**, **R Hari Gowtham** and **Mr. M. Hariharan**, for securing offers from M/s. **Kriatec Services Pvt Ltd**. They have expressed their interest and readiness to join the internship program starting on **March 11, 2024**.

# INDUSTRIAL VISIT

*"Factory Chronicles: Where Learning Takes Shape"*

On March 1, 2024, **Mr. A Kumaraswamy**, accompanied by students **Ashwin D, Mohamed Ammar S, and Prabhu Ram N**, visited **Susee Industry, Madurai** to explore opportunities for the "**Optimizing Workpiece Assist for Improved CNC Productivity**" project. During the visit, **Mr. Natarajan**, the plant consultant, provided valuable insights into the project's processes and methodologies, fostering collaboration between academia and industry for enhanced productivity and efficiency.



**PALS Industrial Visit: Dr. V. Sridharan** embarked on an insightful industry visit to **L&T Rubber Processing Machinery (LTRPM)** located on the Chennai-Bangalore Highway, Post Bag No.2, Vedal, Kanchipuram, on **March 15, 2024**



This visit was organized as part of the PALS (Practical Application and Learning through Industry Interaction) initiative, providing valuable exposure to industrial practices and technologies.

# INDUSTRIAL VISIT

*“Factory Chronicles: Where Learning Takes Shape”*

On **March 4th, 2023**, a cohort of **54** 4th-semester students from the Department of Mechanical Engineering, accompanied by faculty members **Dr. S. Arumugam** and **Mr. M. Maheswaran**, embarked on a visit to **Samudhra Industries Pvt. Ltd.** located in Thirumudivakkam, Chennai. This excursion provided students with firsthand insights into industrial operations, fostering practical learning experiences beyond the classroom.





# INDUSTRIAL VISIT

*“Factory Chronicles: Where Learning Takes Shape”*

On **March 9, 2024**, I-year students had the enriching opportunity to visit **Lucas TVS Ltd.** located in Padi, Chennai. This industrial visit was made possible with the guidance and supervision of **Mr. M. Nishal** and **Mr. K. Ramprasad**, providing students with valuable insights into real-world industrial practices and operations.



On **March 21, 2024**, III-year **Batch A** students had the enriching opportunity to visit **Western Thomson India Pvt limited**, Gummidipoondi, Chennai. This industrial visit was made possible with the guidance and supervision of **Dr. S Natrajan** and **Mr. J Sivaramapandiyan** providing students with valuable insights into real-world industrial practices and operations.



# STUDENT SUCCESS STORIES

*“Stories of Success, Growth, and Impact”*

Growing up, I am and always fascinated by vehicles and wanted to be a part of an automotive manufacturing company. So, I chose Mechanical Engineering at Sri Venkateswara College of Engineering as my first step to fulfilling my dream. Our college, with its reputation for excellence in engineering education, has also a well-established placement cell. This played a pivotal role in preparing us for the recruitment process. We



underwent rigorous pre-placement training sessions that honed our technical skills, communication abilities, and aptitude for problem-solving. These sessions helped, develop effective interview techniques, and gain confidence in my abilities and soft skills. Soon the placement drive started, and this was my big chance, and I was determined to make the most of it. The much-awaited day finally arrived, Daimler India Commercial Vehicles (DICV) was among the many companies that visited our campus. With a strong fascination for German engineering excellence, DICV was a dream company for me. During the initial screening process, my academic performance and relevant projects came in handy to come out successful. I had actively participated in the Go-Kart Design Challenge and in-plant training throughout my undergraduate studies.

# STUDENT SUCCESS STORIES

*"Illuminating Paths to Success and Impact"*

These experiences not only broadened my technical knowledge but also instilled a passion for innovation and problem-solving-qualities that resonated well with DICV's recruitment team.

Clearing the initial rounds was a huge confidence booster. The subsequent rounds involved technical interviews, where the college placement cell's training sessions came in handy. The final hurdle was the HR interview. This was where my soft skills, experience of being a Vice President of ISTE interacting with the faculty and fellow college mates proved invaluable. Finally, the moment arrived - an internship offer from DICV. This incredible opportunity allowed me to learn and suggest improvements in the tasks allotted to me. I presented myself with professionalism, enthusiasm, and a genuine interest in working for DICV as a family. I expressed my passion and my desire to contribute to the company's innovative endeavours.

Which they really liked, and that ultimately led to long awaited job offer!

*V. Raaghar*

**RAAGHAV V**  
**Daimler India Commercial Vehicles (DICV)**  
**SIPCOT Industrial Growth Centre,**  
**Oragadam, Mathur Post,**  
**Chennai 602105**  
**India**

# EDITORIAL TEAM



**Dr. S. RAMESH BABU**  
Professor & Head  
Mechanical Engineering



**Dr. S. MUNIRAJ**  
Assistant Professor  
Mechanical Engineering

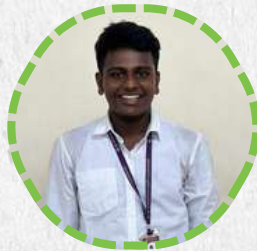


**Mr. A. Ranjith Raj**  
Assistant Professor  
Mechanical Engineering

## STUDENT EDITORIAL TEAM



**Mr. Lohesh M V**  
IV Year  
Mechanical Engineering



**Mr. Raviram R**  
IV Year  
Mechanical Engineering



**Mr. Kiran Kumar D P**  
III Year  
Mechanical Engineering



**Mr. Mithun Aravind O**  
III Year  
Mechanical Engineering



**Mr. G Bharath Kumar**  
II Year  
Mechanical Engineering



**Mr. Bharath Vigneshwar R**  
II Year - Mechanical and  
Automation Engineering



**Mr. M Sanjay**  
I Year  
Mechanical Engineering



**Mr. Lithesh C**  
I Year - Mechanical and  
Automation Engineering