

ANNUAL REPORT 2026

DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT ACHIEVEMENTS (If Any)

100% placement in core companies



SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)

Batch 2022-2026

100% PLACEMENT

DEPARTMENT OF MECHANICAL ENGINEERING

Student Name	Company
AJAY VARDHANAN J V	ROLLS ROYCE
ASHWANTH N	LGB
ASHWIN M	SPITFIRE AUTOMOTIVES
BIHARATH E	SPITFIRE AUTOMOTIVES
BIHARATH P S	AMPO VALVES
DEHANEJAYAN A	HIGHER STUDIES
IMAYAVARANBISHAN R S	MAHEINDRA PUMPS
KISHORE S	SANDFITS FOUNDRY
LAHSHAY RAJ T	AMPO VALVES
NALLASIVAN B	LGB
NARENDHAN M	AMPO VALVES
PRAKASH E	LGB
SREENATH M	NASTEC
SYED HAROON FAREED S	JAYEM AUTOMOTIVES
THILASITHARAN M	PROCYON
ARUN T	SANDFITS FOUNDRY
GONUL RAJ S	ANAMALAI TOYOTA
KAVIRALAN V	JANATICS
LOGAKAVIN S	FLOW LINK SYSTEMS
SRIHAN R	FLOW LINK SYSTEMS
VINOOTH M	SANDFITS FOUNDRY

Rolls-Royce **Procyon** **Flow Link Systems** **AMPO** **SANDFITS** **JAYEM AUTOMOTIVES** **LGB**

"From Gears to Careers —Celebrating 100% Placement."

The Department of Mechanical Engineering has achieved 100% placement in core companies, with students placed in reputed organizations such as Rolls-Royce Power Systems, Ampo Valves India Private Limited, Jayem Automotives (P) Ltd, Procyon TechSolutions Private Limited, Sandfits Foundries Private Limited, Janatics India Private Limited, and Flow Link Systems Private Limited.

MoU Signing

MOU SIGNED – STRENGTHENING INDUSTRY–ACADEMIA COLLABORATION

The Department of Mechanical Engineering at Sri Ramakrishna Institute of Technology has officially signed a Memorandum of Understanding (MoU) with Indo Sell Pvt. Ltd., Coimbatore.

- Indoshell Cast Private Limited, Coimbatore.
- InGO Electric Pvt. Ltd., Bengaluru.
- ZealOne Consulting Services, Bengaluru
- Flow Link Systems Private Ltd, Coimbatore.





Indo Shell Cast
Private Limited



This collaboration aims to strengthen the industry–academia partnership by facilitating skill development programs, hands-on training, internships, innovation initiatives, and exposure to real-world projects.

Details of External Resource Person



Mr. B. Varun, Assistant Professor (Selection Grade), delivered a guest lecture on "The Future of Manufacturing: Navigating the Challenges of AI Implementation in Additive Manufacturing" on 11.02.2026. The lecture was organized by the Faculty Development Training Centre in association with the Department of Mechanical Engineering, Sri Krishna Polytechnic College, Coimbatore.



Mr. Immanuel R was awarded a Certificate of Appreciation for his valuable contribution as a speaker in the Five-Day Online Faculty Development Program on Innovation and Entrepreneurship. His insightful presentation significantly enriched the learning experience of participants and highlighted his expertise in fostering innovation and entrepreneurial skills. The lecture was organized by IIC Sacred Heart College, Tamilnadu in association with the Global Academicians and Researchs, Andhra Pradesh, from 12 to 16 may 2025

FEA using ANSYS Workbench (Third Year) – Coimbatore CAD Solutions

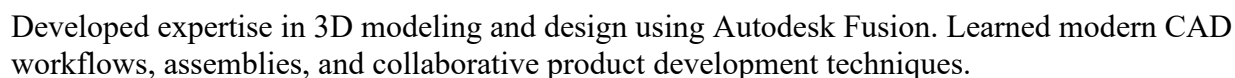


Gained practical knowledge in Finite Element Analysis using ANSYS Workbench, including meshing, boundary conditions, and result evaluation. Developed skills to solve structural and thermal engineering problems through simulation.

PLC & SCADA Training (Final Year) – Axis Global Institute of Industrial Training



Learned industrial automation using PLC and SCADA systems with hands-on experience in ladder logic programming and process control. Enhanced understanding of real-time monitoring and industrial applications.



Modeling and Control of Electric Vehicles using Simulink and Simscape – MathWorks (Second and Third Year)



Gained knowledge in EV system modeling and control using MATLAB, Simulink, and Simscape. Covered battery systems, motor control, and simulation of electric vehicle dynamics.

INDUSTRIAL CONNECT COURSES FOR FACULTY MEMBERS

Application of FEA using ANSYS Workbench – CAD Solutions



The faculty members Mr. B. Varun and Dr. R. Tamilselvan have successfully completed a certification program on the Application of FEA using ANSYS Workbench, gaining expertise in simulation, meshing techniques, and analysis of engineering problems.

PLC & SCADA Training – Axis Global Institute of Industrial Training



The faculty member successfully completed training in PLC & SCADA systems, acquiring hands-on knowledge in industrial automation, ladder logic programming, and real-time process monitoring and control.

Professional Society Memberships in Department

The Department of Mechanical Engineering is an active member of the following professional bodies:

- American Society of Mechanical Engineers (ASME)
- Society for Smart E-Mobility (SSEM)
- National Institution for Quality and Reliability (NIQR)

These memberships strengthen the department's engagement with professional networks, promote knowledge exchange, and support advancements in research, innovation, and industry collaboration.



The Board of Governors have established
A Student Section at

Sri Ramakrishna Institute of Technology

As evidenced by this Charter signed by the officers of the Society

Date of Establishment

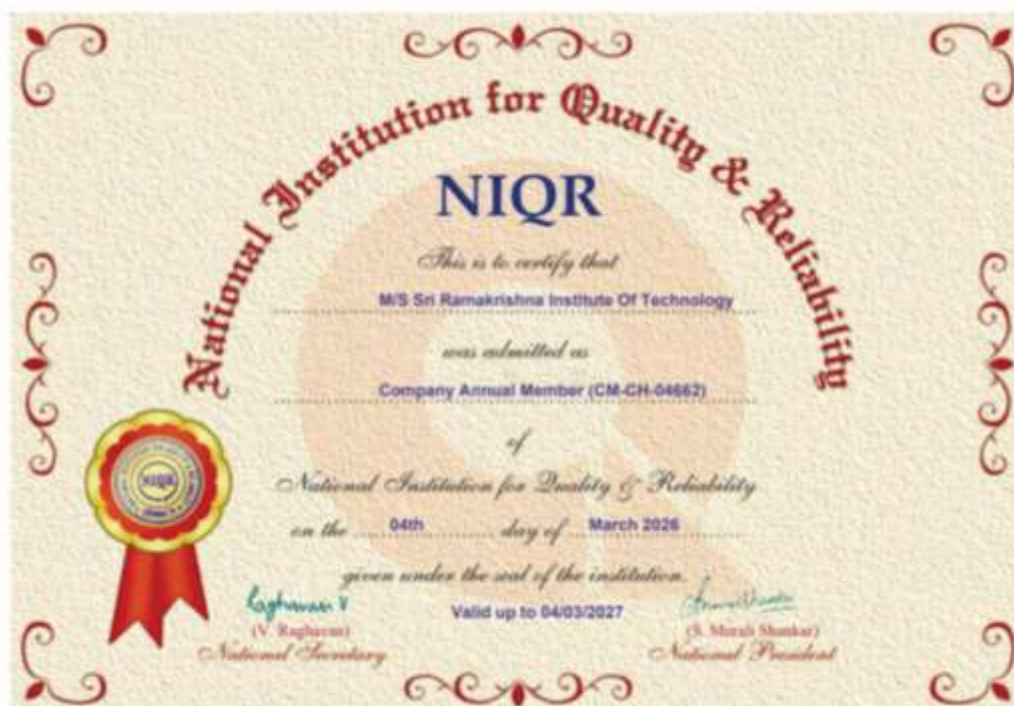
2022



Mahanesh Hiremath
President



Thomas Costabile, P.E.
Executive Director



MEMBERSHIP ID CARD



**SRI RAMAKRISHNA INSTITUTE
OF TECHNOLOGY**

INSTITUTION MEMBER

ID CARD NO : LI08250234

Society for Smart E-Mobility



Society for Smart E-Mobility - SSEM

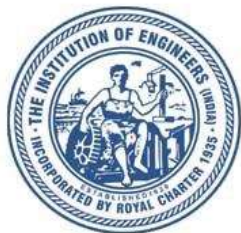
88/2 Industrial Estate, Ganapathy, Coimbatore - 641006, Tamil Nadu, India
+91-795481-22707 / info@smartmobility.org

Professional Society Memberships for Students

The Mechanical Engineering students are active members of the following professional bodies:

- ASME (American Society of Mechanical Engineers)
- SAE (Society of Automotive Engineers)
- ISTE (Indian Society for Technical Education)
- IIF (The Institute of Indian Foundrymen)
- IE (Institution of Engineers – India)

These memberships strengthen the department's engagement with professional networks, promote knowledge exchange, and support advancements in research, innovation, and industry collaboration. The students actively participate in various events and have won numerous awards, showcasing their technical skills and competitive excellence.



The Institution of
Engineers (India)

STUDENT ACHIEVEMENTS

Student Achievements in Competitions

Secured **Overall Runner-up** with a cash prize of ₹35,000.



The Indian E-Bike Challenge – Season 3, conducted by the Society of Smart E-Mobility (SSEM) at Kumaraguru College of Technology,

Secured **Overall Championship** with a cash prize of ₹10,000.



ICSSR-Sponsored National Level Energy Audit Competition, VIT University, Vellore (13th August 2025)

Secured **Overall Runner-Up** with a cash prize of ₹70,000.



Indian E-Bike Championship 2025, conducted by Hindustan Motor Sports, IES University, Bhopal (October 2025)

Secured **Overall Champion** with a cash prize of ₹3,000.



National Level Electric Bike Design Challenge (EBDC'26), THIRAN'26 – National Level Techno-Cultural Fest, Sri Eshwar College of Engineering (4th February 2026)

Secured **Overall Championship** with a cash prize of ₹10,000.



National Level E-Bike Competition (MOTOCROSS'26), SSN College of Engineering, Chennai

Secured **Runner-Up** with a cash prize of ₹10,000.



EV Safety and Performance Monitoring, Sri Eshwar College of Engineering, Coimbatore

Secured **First Prize** with a cash prize of ₹10,000.



Project Expo, THIRAN'26 – National Level Techno-Cultural Fest, Sri Eshwar College of Engineering (4th February 2026)

Secured **Third Place** with a cash prize of ₹5,000.



7th Edition of Dr. G. Padmanabhan Memorial Electric Two Wheeler Design Competition, SAE India Southern Section, Rajalakshmi Engineering College, Chennai

Secured **First Place**.



During the Project Expo held at the Kodaikanal Solar Observatory as part of the Astro Physics Engineers Day Celebration on 15.09.2025, the SRIT Mechanical Engineering Department secured the first prize. The award-winning project titled “Latent Heat Thermal Energy Storage System”

SPORTS ACHIEVEMENTS

M. Jithendrakumar, Third Year



- Secured **Gold Medal** in the 400 m and **Silver Medal** in the 200 m and **Bronze Medal** in 4 × 400 m Relay and 4 × 100 m Relay event Anna university Zone 10 held at Sri Krishna college of Engineering.
- Secured **Gold Medal** in the 400 m event 14th Centies Championship 2025 held at Coimbatore institute of Technology on 08.3.2025.
- Secured **Second Prize** in the 4 × 400 m Relay event 6th CIT COVAI TIES 2025 held at Coimbatore institute of Technology on 11.3.2025.
- Secured **First Prize** in the 400 m and 200 m event 6th Tamil Nadu State Youth Athletic Championship – Tamil Nadu Athletic Association.
- Secured **Gold Medal** in the 400 m, 200 m and 4 × 400 m Relay event Distric Level Athletic Championship for Boys-2025 organized Karur District Athletic Association on 06.9.2025.

MOTO SPORTS ACHIEVEMENTS

S. Kathirolu, Second Year



- Secured **Champion Titles** in Group D (up to 260 cc) and Group B (up to 260 cc) at the Indian National Rally Sprint Championship, organized by FMSCI, Bangalore.
- Secured **Winner** (Novice Category) in the Indian National Supercross Championship, organized by Godspeed Racing, Nashik.
- Secured First Runner-Up in the Indian Expert Category at the MRF Indian National Supercross Championship – Round 4, and also emerged as Winner in the Novice Category, held at Raipur.
- Secured **Winner** in the Novice Category at the Indian National Motocross Championship 2025 – First Round, held in Bangalore.

Publication

- Kirthika, K. M., R. Immanuel, S. Sangeetha, and N. Sanjana. "Smart IoT for Mental Health and Well-Being." In *Smart IoT for Sustainable Development*, pp. 85-112. Chapman and Hall/CRC, 2025.
- Sanjana, N., R. Immanuel, K. M. Kirthika, and S. Sangeetha. "Explainable AI Principles of Building Industry 4.0." In *Distributed Deep Learning and Explainable AI (XAI) in Industry 4.0*, pp. 27-63. Cham: Springer Nature Switzerland, 2025.
- Kirthika, K. M., R. Immanuel, S. Sangeetha, and N. Sanjana. "6 Smart Health IoT and for Well-Being Mental." *Smart IoT for Sustainable Development (2025)*: 85.
- Immanuel, R., N. Sanjana, S. Sangeetha, and K. M. Kirthika. "Virtual Reality Therapy for Mental Disorder." In *Augmented Wellness: Exploring the Power of VR and AR in Healthcare*, pp. 85-113. Singapore: Springer Nature Singapore, 2025.
- Kirthika, K. M., S. Sangeetha, R. Immanuel, and N. Sanjana. "Current state of AR and VR in healthcare." In *Augmented Wellness: Exploring the Power of VR and AR in Healthcare*, pp. 219-241. Singapore: Springer Nature Singapore, 2025.
- Nithayanandakumar, Sanjana. "Experimental Study: Performance Enhancement of Solar Still Desalination Through Sound Agitation and Automated Glass Surface Cleaning Mechanism." In *ASME 2025 International Mechanical Engineering Congress and Exposition-India*. American Society of Mechanical Engineers Digital Collection.
- Sanjana, N., R. Immanuel, J. David Rathnaraj, and G. Mahesh Gopal. "Quantum Computing in Machine Learning." In *Quantum Computing*, pp. 55-79. Auerbach Publications.
- Ramesh, C., M. Vijayakumar, G. Kumaresan, and Benjamin Franklin Selvanayagam. "Enhanced honey badger optimization of performance analysis of evacuated tube heat pipe solar collector integrated with PCM storage unit." *Energy & Environment* 36, no. 1 (2025): 471-498.
- Benjamin Franklin, S., M. Palanisamy, and Vekamulla Narayana. "Hybrid MRGNN-HSTO approach for thermal and mechanical effects on the durability of steel fibre-reinforced concrete." *European Journal of Environmental and Civil Engineering* 29, no. 13 (2025): 2672-2691.
- Ramesh, C., M. Vijayakumar, G. Kumaresan, and S. Benjamin Franklin. "Advancing solar thermal energy efficiency with role of phase change materials in heat pipe evacuated tube collectors for superior storage." *Mechanics Based Design of Structures and Machines* 53, no. 10 (2025): 6946-6966.
- Kumaresan, G., Rajendra Shimpi, S., Sagai Francis Britto, A., Perumal, K., & Benjamin Franklin, S. (2025). Reinforcement of tungsten carbide cutting tool properties via cryogenic treatment and process optimization. *Malaysian Journal of Chemistry*, 27(3), 595–601.
- Murali, K., Ramesh Kumar, G., Sambath, K., & Vigneshkumar, B. (2025). Sustainable development goals in higher education: A critical review. *International Journal of Applied Mathematics*, 38(8s), 1374–1395.

- Selvanayagam, Benjamin Franklin, P. Sarangapani, M. Ramarao, S. Peniel Pauldoss, Mukul Kumar Singh, and Atul Sarojwal. "Experimental Investigation and Analysis of Electric Bicycle Frame." International Journal of Vehicle Structures & Systems 17, no. 2 (2025): 357-361.
- Tamilselvan, R., Varun, B., & Veerakumar, S. (2025). Arduino built automatic tool change CNC plotting machine. Proceedings of the International Conference on Emerging Multifunctional Materials and Devices for Sustainable Technologies (IEMDST 2024) (Springer Proceedings in Physics, Vol. 567). Springer. https://doi.org/10.1007/978-981-96-5863-3_41

Book / book chapter

Patent

Details of External Resource Person

Funding

A project titled “Metalens Vista: Visual Intelligence System for Transparent AI Analysis and Advanced Metal Scrap Classification using Explainable AI” has been sanctioned by the Ministry of Mines, Government of India, with a project cost of **₹22,16,000**.

Mr. J. David Rathnaraj serves as the Principal Investigator, with Mr. Immanuel R and Ms. Sanjana N as Co-Principal Investigators.

Recourse person

Seminar/ workshop/fdp/webinar organised

NPTEL





**DOMAIN
CERTIFICATE**

This is to certify that



VARUN B

has successfully completed all the requirements for SWAYAM-NPTEL Domain Certification in

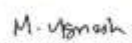
Faculty Domain - Advanced

(Faculty)

The courses were completed in the period April 2025



Prof. Andrew Thangaraj
Dean
Centre for Outreach and Digital Education, SRM



Prof. Vignesh Muthuvijayan
NPTEL Coordinator
SRM Institute

Roll No: NPTELD525200001350

To validate and check scores:
<https://npTEL.ac.in/>



Course Details

Course Type	Course Name	Credits	Offering Institute	Course Duration	Score Obtained (out of 100)	QR Code
100	Advanced Engineering Graphics in 3D	4 credits	SRM Institute	15th Mar 2025	63	
100	Advanced Engineering Graphics	4 credits	SRM Institute	Aug 02 2024	72	
100	Introduction to Professional Scientific Communication	4 credits	SRM Institute	Jan 08 2024	77	
100	Working Model Drawing in Engineering (3D)	4 credits	SRM Institute	Jan 14 2025	76	
100	Outward-bound perspective principles for effective teaching	4 credits	SRM Institute	14th Mar 2025	67	
100	Report Writing (in English)	4 credits	SRM Institute	July 08 2025	69	
100	Training of Trainers	17 credits	SRM Institute	Jan 03 2025	68	
Total Marks					476	

Criteria for verification in Faculty Domain - Advanced Domain:
The candidate should complete 5 core courses and 2 elective courses.
1. Having a minimum of ~15 credits in each course and should pass the course too.
2. Average of all courses in the domain should be >= 60.
3. Sum of the duration of the courses should be >= 40 weeks.





Mr. B. Varun has been recognized as an **NPTEL Domain Scholar (Advanced)** and **NPTEL Motivated Learner** under the Faculty Domain.

Faculty

- Dr. S. Benjamin Franklin has successfully completed the courses “Design Thinking – A Primer” offered by IIT Madras and “AI in Product Management” offered by IIT Roorkee.
- Mr. R. Immanuel secured Elite certification in Intellectual Property offered by IIT Madras.
- Dr. R. Tamilselvan secured Elite with Silver certification in Engineering Aspects of Biofuels and Biomass Conversion, conducted by IIT Dhanbad.
- Dr. R. Tamilselvan successfully completed a 4-credit course on Quality Engineering & Management offered by Indira Gandhi National Open University (IGNOU).

Technologies

MATWORKS

SPOKEN TUTORIAL IIT BOMBAY

Second Year students successfully completed the IIT Bombay Spoken Tutorial courses on Arduino and QGIS.



Faculty Development Programm

- Mr. Immanuel R, has successfully completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on “Digital Application Fundamentals” conducted at NASSCOM from 26.01.2026 to 31.01.2026.
- Dr. R. Tamilselvan has successfully completed a One-Week Faculty Development Program on “Advanced Design and Manufacturing using Autodesk Fusion”, organized by the Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology (A), Hyderabad, held from 04.08.2025 to 09.08.2025.

Conference

- **Mr. S. Veerakumar, Mr. B. Varun and Dr. R. Tamilselvan**, has Presented a paper titled “*Advancing Sustainable Transport: A Modular Retrofit Kit Approach for Electric Two-Wheelers*” at the **International Conference on Emerging Technologies in Transportation for a Sustainable Future**, PSG College of Technology, Coimbatore, held on 07–08 August 2025.
- **Mr. B. Varun**, presented his research paper titled “*A Comprehensive Review on Renewable Energy Integration with Energy Storage Systems: Trends, Technologies, and Challenges*” at the **1st International Conference on Thermo-Fluids and Green Energy Technology (TFGET-2026)**, hosted by **Dr. B. R. Ambedkar National Institute of Technology (NIT), Jalandhar**, Punjab, India, during **January 16–18, 2026**,
- **Dr. R. Tamilselvan** presented a paper titled “*A Portable Indirect Solar Dryer for Drying Agricultural Products with IoT-Based Environmental and Product Condition Monitoring*” at the **AICTE–VAANI Conference on “Ghost Manufacturing and Digital Supply Chain: Catalyzing Smart Industrial Transformation for Viksit Bharat 2047”**, held at Dr. N.G.P. Institute of Technology from 05.02.2026 to 06.02.2026.
- **Dr. S. Benjamin Franklin** presented a paper titled “*Energy Storage and Computational Fluid Dynamics of Pebble Bed Heat Exchanger Turbine*” and “*Road side on Wind Mill Turbine*” at the **AICTE–VAANI Conference on “Ghost Manufacturing and Digital Supply Chain: Catalyzing Smart Industrial Transformation for Viksit Bharat 2047”**, held at Dr. N.G.P. Institute of Technology from 05.02.2026 to 06.02.2026.



ASME
SETTING THE STANDARD
SRIT STUDENT SECTION

Congratulations

MR. R. IMMANUAL
AP/ MECH

recieved the prestigious
**ASME OUTSTANDING STUDENT
SECTION ADVISOR AWARD
(HONORARY MENTION)**
with \$500 Cash Award and Certificate!

SRIT takes great pride as
ASME honors him for his
exceptional leadership and
dedication to student service.

  /asme_srit

Mr. R. Immanual, AP/Mechanical, Sri Ramakrishna Institute of Technology (Autonomous), Coimbatore, has been honored with the prestigious ASME Outstanding Student Section Advisor Award (Honorary Mention), along with a \$500 cash award and certificate. This recognition highlights his exceptional leadership, dedication, and significant contributions to student development and the activities of the ASME SRIT Student Section.

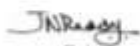


The Outstanding Student Section Advisor Award Certificate is awarded to

R. Immanuel

For outstanding service as ASME Student Section Advisor at Sri Ramakrishna Institute
of Technology, for fostering global engagement and mentoring young engineers

2025


Chair
Committee on Honors


Chair
General Awards Committee

Mr. R. Immanuel, has been honored with the ASME Outstanding Student Section Advisor Award 2025 for his outstanding service and mentorship. The award recognizes his dedication in fostering global engagement and guiding young engineers toward professional excellence.



Awards This Certificate of Appointment to

Immanuel R

For his role as "Member-at-Large" of the ASME Tamil Nadu Section

Presented on this day
February 28, 2026


Madhukar Sharma
President
ASME India Pvt Ltd.




Richard Cowan, P.E., Ph.D.
Senior Vice President
Member Development and Engagement Sector, ASME



This Certificate is presented to

IMMANUAL R

Sri Rama Krishna Institute of Technology

For securing the Faculty All Star Award of

ASME India Student Section Recognition Program
2024 - 2025


Richard Cowan, P.E., Ph.D.
Senior Vice President
Member Development and Engagement Sector, ASME

Mr. R. Immanuel has been appointed as "Member-at-Large" of the ASME Tamil Nadu Section. He also received the Faculty **All Star Award** under the ASME India Student Section Recognition Program 2024–2025.

Event

A National Level Electric Bike Design Challenge (EBDC'25), Season 5.0





Mr. C. S. Nanda Kumar, Program Head – Electric and Hybrid Systems at Bosch Global Software Technologies, commended EBDC 2025 as a highly competitive and well-structured event that continues to inspire innovation in electric mobility. He highlighted that the inclusion of both 1kW and 2kW categories provided a dynamic platform for students to demonstrate their technical expertise, creativity, and teamwork, making the event a true celebration of engineering excellence.

The Electric Bike Design Challenge (EBDC) 2025, held in September, witnessed the enthusiastic participation of 18 teams and over 500 students, reinforcing its reputation as a premier national-level technical event. In the 2kW category, Team Mechorse from SNS College of Technology, Coimbatore, emerged as the Overall Champion, while Team Mech Marvels from Knowledge Institute of Technology, Salem, secured the Overall Championship in the 1kW category. Beyond recognizing winners, the event played a crucial role in nurturing innovation, strengthening practical engineering skills, and promoting a strong commitment toward sustainable electric mobility among future engineers.

RALLERZ 3.0 – A National Level Dirt Bike Racing Challenge



The Department of Mechanical Engineering has successfully conducted **RALLERZ'26 (Season 3)** on March 13 and 14, 2026. The event brought together 15 teams from across Tamil Nadu to compete in a national-level dirt bike racing challenge.

Students participated in two categories: **100cc and 80cc**, where they showcased their design, fabrication, and racing skills. The competition included both **static and dynamic tests** such as design evaluation, innovation assessment, brake test, acceleration test, and off-road performance.

A key highlight was the **5 km off-road track and 3-hour endurance race**, where participants demonstrated their engineering skills and ability to handle tough racing conditions.

The event was inaugurated by **Thiru S. Narendran**, who encouraged students to engage in practical learning and appreciated the efforts of the organizers.





Winners

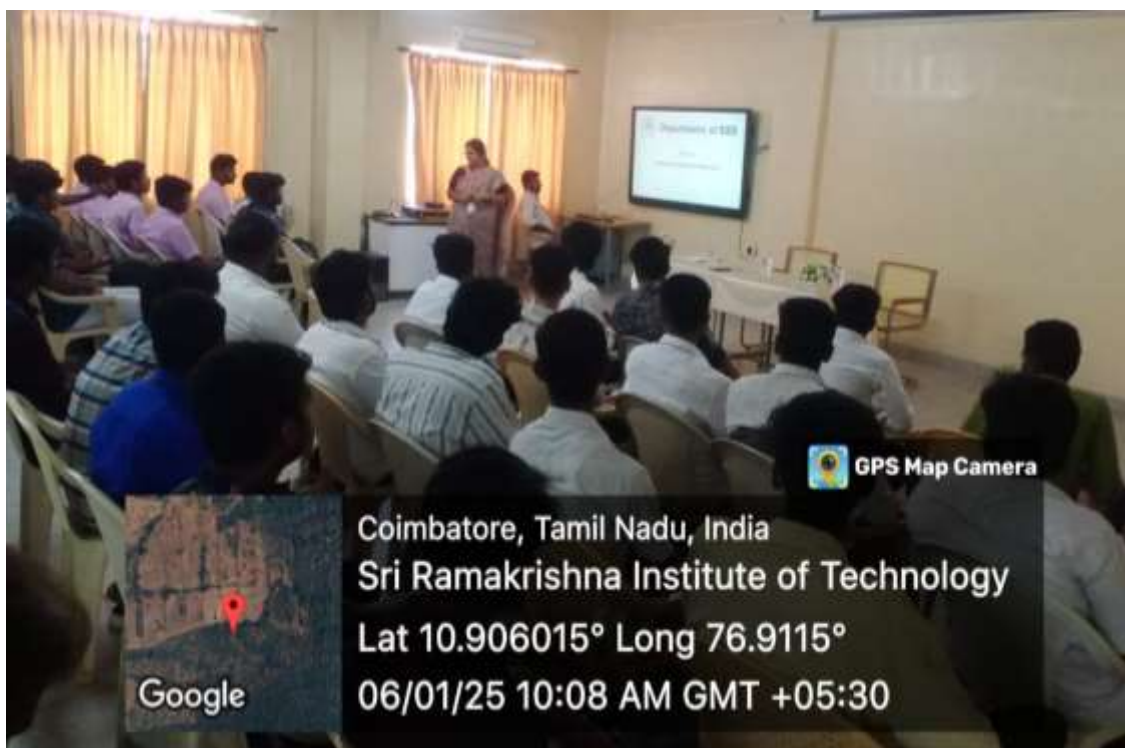
100cc Category:

- Winner: Team Hooligans – Sri Ramakrishna Engineering College
- First Runner-Up: Team Auto Titans – PSG Polytechnic College
- Second Runner-Up: Team Endeavors – Coimbatore Institute of Engineering and Technology

80cc Category:

- Winner: Team Wild Wheelers – Dr. NGP Institute of Technology
- First Runner-Up: Team ThrottleX – Rathinam Technical Campus
- Second Runner-Up: Team Mechanoz – Karpaga Vinayaga College of Engineering and Technology

The event was successfully organized by the Mechanical Engineering Department with the support of the student team **Mechatrons**, who handled coordination, track design, and safety.



The Department of Mechanical Engineering, in collaboration with Mechatron Motors LLP, organized a three-day Short Term Training Programme on “Powering the Future: Electric Vehicles” from 06.01.2025 to 08.01.2025. The program provided valuable insights into electric vehicle technologies and sustainable transportation, benefiting around 60 polytechnic students.



The SAE SRIT Collegiate Club organized a seminar on “Renewable Energy Sources” on 28.02.2026, featuring Mr. G. Sivaraj, Engineer from Prakruthi Renewable Power Pvt. Ltd., JP Nagar, Bangalore. The session provided valuable insights into sustainable energy technologies and their practical applications, enhancing students’ awareness of renewable energy solutions.



A seminar and hands-on training on “Advancing Innovation and Entrepreneurship through Total Quality Management in the Automotive Industry” was conducted on 10.01.2026 by Mr. C. Kasiviswanathan, Entrepreneur. The session enhanced students’ understanding of quality management practices and their role in driving innovation and entrepreneurial success in the automotive sector.



During the Project Expo held at the Kodaikanal Solar Observatory as part of the Astro Physics Engineers Day Celebration on 15.09.2025, the SRIT Mechanical Engineering Department secured the first prize. The award-winning project titled “Latent Heat Thermal Energy Storage System” showcased innovative approaches to efficient thermal energy storage and sustainability.



The
SRIT
IIF

organized a workshop on “Latest Trends in Foundry Technology” on 13.09.2025, featuring Mr. M. Peranandhanathan, Executive Director of VTPERAN. The session provided valuable insights into modern foundry practices and emerging industrial trends, enriching students’ technical knowledge.



The SAE SRIT Collegiate Club organized a workshop on “Customer Retention, Cost and Quality Control” on 13.09.2025, delivered by Mr. R. Jayaprakash, Senior Manager (Operations), M/s Bhagavathi Precision Products, Coimbatore. The session provided practical insights into industrial strategies for maintaining customer satisfaction, optimizing costs, and ensuring quality standards.



The Department of Mechanical Engineering, SRIT, inaugurated its association “AZPOMERZ” for the academic year 2025–2026 on 08.09.2025, with Mr. E. Anand Kumar, Assistant General Manager, Gargi Huttenes Albertus Ltd., Coimbatore, as the chief guest. The event marked the beginning of various technical and professional activities aimed at enhancing students’ industry exposure and skills.



A workshop on “Drone Integration with AI and Robotics” was conducted on 26.07.2025 by Mr. V. Yuvaraj, Senior Design and Sustainability Engineer, Decadrives Pvt. Ltd., Chennai. The session provided insights into the integration of AI and robotics in drone technology, enhancing students’ knowledge in emerging interdisciplinary fields.



The Department of Mechanical Engineering, in association with NIQR, conducted an Online CNC Simulation Session on 05.08.2025 at the CAD Lab for final-year students, led by Mr. Manikandan, Application Engineer, CAD Macro Design & Solutions, Chennai. The session provided hands-on exposure to advanced CNC simulation technologies, enhancing students' practical skills and industry readiness.



The Department of Mechanical Engineering, in association with NIQR, organized an Internship Showcase on 12.07.2025 at the CAD Lab, where final-year students presented their industrial



SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY

[Educational Service : SNR Sons Charitable Trust]

[Autonomous Institution, Reaccredited by NAAC with 'A' Grade, ISO 21001:2018 Certified]

[Approved by AICTE New Delhi, Permanently Affiliated to Anna University, Chennai]



training experiences. The session enhanced students' presentation skills and provided valuable insights into real-world industry practices, strengthening the gap between academic learning and industrial exposure

The Department of Mechanical Engineering, in association with NIQR, organized an industrial visit to SkyX Aerospace Pvt. Ltd., Thondamuthur, on 25.07.2025 for 65 students. The visit provided

hands-on exposure to UAV design, aerospace manufacturing, and real-world engineering practices, bridging the gap between theory and industry.

Sri Ramakrishna Advanced Training Institute, Coimbatore





The Department of Mechanical Engineering and ASME students visited SRATI, Coimbatore, on 10.07.2025 for the program “A Path to a Welding Engineer as a Career,” benefiting 46 second and third-year students. The visit provided hands-on exposure to welding practices and valuable career insights, inspiring students toward careers in welding engineering

AGRI INTEX 2025 at CODISSIA, Coimbatore





The Department of Mechanical Engineering, in association with NIQR, organized an educational industrial visit to AGRI INTEX 2025 at CODISSIA, Coimbatore, on 14.07.2025. The visit provided students with exposure to advanced agricultural machinery, automation technologies, and real-world industry interactions, enriching their practical knowledge and innovation skills.