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An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY
TIRUCHIRAPPALLI

AUTONOMOUS

SRM TRP ENGINEERING COLLEGE

ASPIRE

Academic Skills Placement Innovation Research and Exploration

NEWSLETTER

VOLUME 17 | ISSUE 04
APRIL 2026

CONTENT

VISION

To carve the youth as dynamic, competent, valued and knowledgeable Technocrats through research, innovation and entrepreneurial development for accomplishing the global expectations.

MISSION

M1: To Inculcate academic excellence in engineering education to create talented professionals.

M2: To Promote research in basic sciences and applied engineering among faculty and students to fulfill the societal expectations.

M3: To enhance the holistic development of the students through meaningful interaction with industry and academia.

M4: To foster the students on par with sustainable development goals thereby contributing to the process of nation building.

M5: To nurture and retain conducive lifelong learning environment towards professional excellence.

PATRON

Dr. R. Shivakumar
Chairman- SRM Group of Institutions

Mr. S. Niranjan
Co-Chairman- SRM Group of Institutions

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Principal - SRM TRP Engineering College

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Asst.Professor / Mechanical

Dr. A. Narayanan
Associate.Professor / English

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Asst.Professor / Mech

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Associate Professor / Civil

Dr.M.P.Flower Queen
Professor / EEE

Mr. S.RAJESH
Asst.Professor / CSE

Dr. A. Sugantha
Asst.Professor / ECE

CIVIL ENGINEERING

Events Orangized

Proud to see our II Year Civil Engineering students stepping confidently into the world of innovation!
They participated in the TNWISE 2026 Hackathon at Rajalakshmi Engineering College, Chennai, competing as two dynamic teams.
Their enthusiasm, creativity, and problem-solving approach truly reflect the spirit of emerging engineers—and it was encouraging to see their efforts appreciated by the Principal.
Kudos to our students for embracing challenges and representing us with pride!

The Department of Civil Engineering proudly congratulates our student Balamuruthi S for securing 🥈 2nd Place in the GEOTALK Event conducted as part of Moments'26 at the National Institute of Technology, Tiruchirappalli.

Her achievement reflects strong technical knowledge, confidence in presentation, and dedication to excellence. Competing and winning at a prestigious national-level platform is truly commendable.👏 We appreciate her efforts and wish her continued success in all her future endeavors.

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CIVIL ENGINEERING

Events Orangized

Student Achievement at National Level Event

We are proud to share that our student has achieved recognition at a prestigious national-level technical event. Navaneethakrishnan secured a prize in the GEOTALK Event, conducted as part of Moments'26 at the National Institute of Technology, Tiruchirappalli, held from 10th to 12th April 2026.

This accomplishment highlights the student's technical knowledge, presentation skills, and active participation in academic forums beyond the classroom. Events like GEOTALK provide an excellent platform for students to showcase their ideas, engage with peers from across the country, and enhance their professional competencies.

The achievement reflects the continuous efforts of our institution in encouraging students to participate in national-level competitions and develop a strong academic and research-oriented mindset.

We congratulate the student on this success and wish them continued excellence in future endeavors.

MOMENTS

CIVIL ENGINEERING ASSOCIATION

CERTIFICATE

OF ACHIEVEMENT

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Balashanmuthi . G

For obtaining 2 nd in the **GEOTALK Event** organized during Moments'26 at the National Institute of Technology, Tiruchirappalli during 10th - 12th April, 2026

Navaneethakrishnan
CHAIRPERSON, CEA'25-26

Dr . Sunitha V
FACULTY ADVISOR, CEA'25-26

Dr. S. Jayalekshmi
PRESIDENT, CEA'25-26

CIVIL ENGINEERING

Events Orangized

TANCAM's Hackathon – TNWISE 2026

Students actively participated in TANCAM's Hackathon आयोजित under Tamil Nadu Women in Science and Engineering (TNWISE 2026), focusing on the theme:

"Inclusive Digital Transformation"

The event was organized by the Tamil Nadu Centre of Excellence for Advanced Manufacturing (TANCAM), Chennai, in association with Rajalakshmi Engineering College, Chennai, on 2nd April 2026.

This prestigious hackathon was exclusively conducted to empower women in science and engineering, encouraging innovation, creativity, and problem-solving skills in emerging digital domains.

Students from SRM TRP Engineering College enthusiastically took part in the event and successfully contributed their ideas and solutions aligned with the hackathon theme.

All participants were awarded Certificates of Participation, recognizing their efforts and involvement in this impactful initiative.

CIVIL ENGINEERING

Events Orangized

Conference Achievement – ICETCME 2026

Students from SRM TRP Engineering College actively participated in the International Conference on Emerging Trends in Civil and Mechanical Engineering (ICETCME-2026) hosted by Nadar Saraswathi College of Engineering and Technology.

The conference was held on 20th April 2026 at Theni and brought together researchers, academicians, and industry professionals to discuss innovative advancements in civil and mechanical engineering.

🎓 Paper Presentation Highlights:

Arul Kumaran K

Rahman Khan A

Both participants successfully presented their research paper titled:

“Automatic Railway Track Crack Detection System Using GSM & GPS”

Their work focuses on improving railway safety through automated detection systems using modern communication and positioning technologies.

👏 The participants were awarded Certificates of Presentation in recognition of their valuable contribution and research efforts.

ISCET/Conference/ICETCME-26/ 350

Theni Melapettai Hindu Nadargal Uravinmurai

NADAR SARASWATHI COLLEGE OF ENGINEERING & TECHNOLOGY

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Accredited by NAAC with "A" Grade | Recognized under Section 2(f) of the UGC Act, 1956
An ISO 9001:2015 Certified Institution
Vadapudupatti, Annanji (PO), Theni – 625 531

International Conference on Emerging Trends in Civil and Mechanical Engineering
ICETCME-2026

Organized by Department of Civil & Mechanical Engineering

CERTIFICATE OF PRESENTATION

This is to certify that Dr/Mr/Ms. ARUL KUMARAN K

from SRM TRP Engineering College, Trichy

has presented a paper entitled Automatic Railway Track Crack Detection System Using GSM & GPS at the International Conference on Emerging Trends in Civil and Mechanical Engineering held on 20th April 2026 at Nadar Saraswathi College of Engineering and Technology, Theni.

In recognition of your valuable contribution, we extend our wishes for your continued success and excellence in all endeavors.

Dr. B.Radha Krishnan, M.E.,Ph.D. Head Incharge / MECH, NSCET
Mr.N.Nagarathinam, M.E., (Ph.D.) Head Incharge /Civil, NSCET
Dr.C. Mathalai Sundaram, M.E., M.B.A., Ph.D. Principal, NSCET
Mr.T.Subramani, B.C.A., MBA, Joint Secretary, NSCET.
Er.A.S.S.S.Somasundaram, B.E., Secretary, NSCET.

NSCET/Conference/ICETCME-26/ 353

Theni Melapettai Hindu Nadargal Uravinmurai

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International Conference on Emerging Trends in Civil and Mechanical Engineering
ICETCME-2026

Organized by Department of Civil & Mechanical Engineering

CERTIFICATE OF PRESENTATION

This is to certify that Dr/Mr/Ms. RAHMAN KHAN A

from SRM TRP Engineering College, Trichy

has presented a paper entitled Automatic Railway Track Crack Detection System Using GSM & GPS at the International Conference on Emerging Trends in Civil and Mechanical Engineering held on 20th April 2026 at Nadar Saraswathi College of Engineering and Technology, Theni.

In recognition of your valuable contribution, we extend our wishes for your continued success and excellence in all endeavors.

Dr. B.Radha Krishnan, M.E.,Ph.D. Head Incharge / MECH, NSCET
Mr.N.Nagarathinam, M.E., (Ph.D.) Head Incharge /Civil, NSCET
Dr.C. Mathalai Sundaram, M.E., M.B.A., Ph.D. Principal, NSCET
Mr.T.Subramani, B.C.A., MBA, Joint Secretary, NSCET.
Er.A.S.S.S.Somasundaram, B.E., Secretary, NSCET.

Certificate of Presentation – ICETCME 2026

Mr. Manimaran S from SRM TRP Engineering College, Trichy successfully presented a research paper titled “Automatic Railway Track Crack Detection System Using GSM & GPS” at the International Conference on Emerging Trends in Civil and Mechanical Engineering (ICETCME-2026).

The conference was organized by the Department of Civil & Mechanical Engineering at Nadar Saraswathi College of Engineering & Technology, Theni, on 20th April 2026.

This recognition highlights his valuable contribution to innovative engineering solutions and research in railway safety systems. We congratulate him and wish him continued success in his academic and professional endeavors.

NSCET/Conference/ICETCME-26/ 354

Theni Melapettai Hindu Nadargal Uravinmurai

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International Conference on Emerging Trends in Civil and Mechanical Engineering

ICETCME-2026

Organized by Department of Civil & Mechanical Engineering

CERTIFICATE OF PRESENTATION

This is to certify that Dr/Mr/Ms. MANIMARAN S

from SRM TRP Engineering College, Trichy

has presented a paper entitled Automatic Railway Track Crack Detection System Using GSM & GPS at the International Conference on Emerging Trends in Civil and Mechanical Engineering held on 20th April 2026 at Nadar Saraswathi College of Engineering and Technology, Theni.

In recognition of your valuable contribution, we extend our wishes for your continued success and excellence in all endeavors.

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Mr.N.Nagarathinam, M.E., (Ph.D.) Head Incharge /Civil, NSCET

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Mr.T.Subramani, B.C.A., MBA, Joint Secretary, NSCET.

Er.A.S.S.S.Somasundaram, B.E., Secretary, NSCET.

CIVIL ENGINEERING

Events Orangized

Department of Civil Engineering | Celebrating Innovation

We are proud to announce that our students Anushiah J and Kavya S have secured the III Prize in “One Slide Innovation” at The Gandhigram Rural Institute.

This achievement reflects their technical excellence, creativity, and commitment to sustainable solutions—hallmarks of future-ready engineers.

Congratulations on this remarkable accomplishment! Wishing them continued success in innovation, research, and impactful societal contributions.

ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY ACHEIVEMENT


Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

A SUGANTHA

for successfully completing the course

Design Thinking - A Primer

with a consolidated score of 78 %

Online Assignments	21.67/25	Proctored Exam	56.63/75

Total number of candidates certified in this course: 7204

Prof. Andrew Thangaraj

Chair

Centre for Outreach and Digital Education, IITM

Jan-Feb 2026

(4 week course)

Prof. Vignesh Muthuvijayan

NPTEL Coordinator

IIT Madras

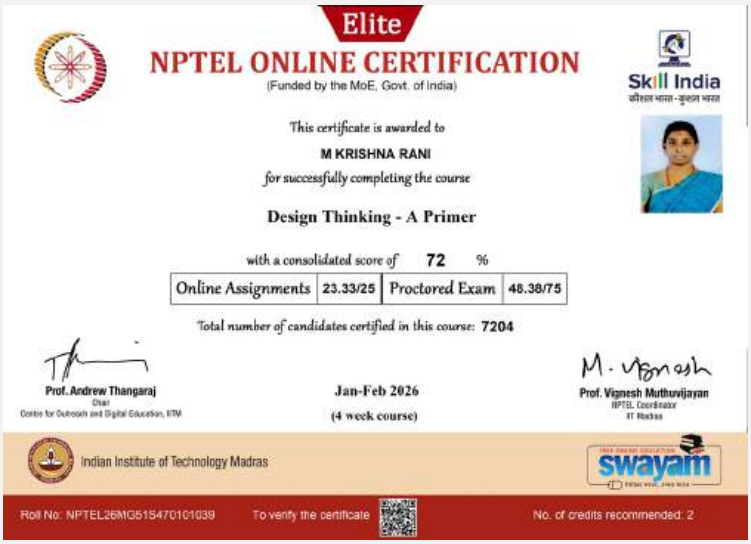
Indian Institute of Technology Madras

swayam

Roll No: NPTEL26MG51S470101983 To verify the certificate No. of credits recommended: 2

Dr.A.Sugantha, Assistant Professor of ECE department has successfully completed the NPTEL Online Certification Course titled “Design Thinking – A Primer” during the January–February 2026 session.

The course was offered by NPTEL (National Programme on Technology Enhanced Learning), funded by the Ministry of Education, Government of India, and conducted by IIT Madras.


Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

M KRISHNA RANI

for successfully completing the course

Design Thinking - A Primer

with a consolidated score of 72 %

Online Assignments	23.33/25	Proctored Exam	48.38/75

Total number of candidates certified in this course: 7204

Prof. Andrew Thangaraj

Chair

Centre for Outreach and Digital Education, IITM

Jan-Feb 2026

(4 week course)

Prof. Vignesh Muthuvijayan

NPTEL Coordinator

IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL26MG51S470101039 To verify the certificate No. of credits recommended: 2

Mrs.Krishna Rani, Assistant Professor of ECE department has successfully completed the NPTEL Online Certification Course titled “Design Thinking – A Primer” during the January–February 2026 session.

The course was offered by NPTEL (National Programme on Technology Enhanced Learning), funded by the Ministry of Education, Government of India, and conducted by IIT Madras.

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ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY ACHEIVEMENT

Mrs.S.Mirdula, Assistant Professor of ECE department has successfully completed the NPTEL Online Certification Course titled “Design Thinking – A Primer” during the January–February 2026 session.

The course was offered by NPTEL (National Programme on Technology Enhanced Learning), funded by the Ministry of Education, Government of India, and conducted by IIT Madras.

Mrs.K.Priyadharshini,Assistant Professor of ECE department has successfully completed the NPTEL Online Certification Course titled “Design Thinking – A Primer” during the January–February 2026 session.

The course was offered by NPTEL (National Programme on Technology Enhanced Learning), funded by the Ministry of Education, Government of India, and conducted by IIT Madras.

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ELECTRONICS AND COMMUNICATION ENGINEERING

STUDENTS ACHEIVEMENT

S. Sathana, K.subhashini and J.Subashini from third year ECE students of SRM TRP Engineering College, actively participated in TANCAM's Hackathon – TNWISE 2026 (Tamil Nadu Women in Science and Engineering) conducted on the theme "Inclusive Digital Transformation." The hackathon was organized by the Tamil Nadu Centre of Excellence for Advanced Manufacturing (TANCAM), Chennai, in association with Rajalakshmi Engineering College, Chennai, on 2nd April 2026. The event was supported by leading organizations including Dassault Systèmes, TIDCO, and sponsored by Titan Company.


TANCAM'S HACKATHON
TNWISE 2026
RAJALAKSHMI ENGINEERING COLLEGE
TIDCO

CERTIFICATE OF PARTICIPATION

This certificate is presented to Selvi. SUBASHINI. K
from SRM TRP ENGINEERING COLLEGE
for participating in TANCAM's Hackathon for Tamil Nadu Women in Science and Engineering (TNWISE 2026) on the theme of "**Inclusive Digital Transformation**" conducted by Tamil Nadu Centre of Excellence for Advanced Manufacturing (TANCAM), Chennai in association with Rajalakshmi Engineering College, Chennai on 2nd April, 2026.

DR.S.N.MURUGESAN Principal Rajalakshmi Engineering College
Sponsored BY TITAN COMPANY
Wg Cdr P MADHUSOODHANAN Managing Director TANCAM

#WomenInnovateWithTANCAM


TANCAM'S HACKATHON
TNWISE 2026
RAJALAKSHMI ENGINEERING COLLEGE
TIDCO

CERTIFICATE OF PARTICIPATION

This certificate is presented to Selvi. SUBASINI. J
from SRM TRP ENGINEERING COLLEGE
for participating in TANCAM's Hackathon for Tamil Nadu Women in Science and Engineering (TNWISE 2026) on the theme of "**Inclusive Digital Transformation**" conducted by Tamil Nadu Centre of Excellence for Advanced Manufacturing (TANCAM), Chennai in association with Rajalakshmi Engineering College, Chennai on 2nd April, 2026.

DR.S.N.MURUGESAN Principal Rajalakshmi Engineering College
Sponsored BY TITAN COMPANY
Wg Cdr P MADHUSOODHANAN Managing Director TANCAM

#WomenInnovateWithTANCAM


TANCAM'S HACKATHON
TNWISE 2026
RAJALAKSHMI ENGINEERING COLLEGE
TIDCO

CERTIFICATE OF PARTICIPATION

This certificate is presented to Selvi. SATHANA. S
from SRM TRP ENGINEERING COLLEGE
for participating in TANCAM's Hackathon for Tamil Nadu Women in Science and Engineering (TNWISE 2026) on the theme of "**Inclusive Digital Transformation**" conducted by Tamil Nadu Centre of Excellence for Advanced Manufacturing (TANCAM), Chennai in association with Rajalakshmi Engineering College, Chennai on 2nd April, 2026.

DR.S.N.MURUGESAN Principal Rajalakshmi Engineering College
Sponsored BY TITAN COMPANY
Wg Cdr P MADHUSOODHANAN Managing Director TANCAM

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ELECTRONICS AND COMMUNICATION ENGINEERING

STUDENTS ACHEIVEMENT

Mr.C.ANANDHAN, AP/ ECE (MENTOR)

The Department of Electronics and Communication Engineering proudly congratulates the students shortlisted for the Naan Muthalvan Niral Tiruvizha 3.0 Hackathon (2025–2026). Team “Block Guard” presented an innovative solution on a blockchain-based system for detecting and preventing fake social media profiles. The team, led by Sivashree N (III ECE), along with members Rithanya Bowmi A, Ramyadharshini R, and Nivethitha G, showcased remarkable technical expertise and teamwork under the guidance of their mentor, Mr. C. Anandhan, AP/ECE. Their achievement reflects the department’s commitment to fostering innovation, problem-solving skills, and active participation in cutting-edge technological initiatives.

SIVASHREE N

Rithanya Bowmi A

RAMYADHARSHINI R

NIVETHITHA G

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ELECTRONICS AND COMMUNICATION ENGINEERING

EVENTS

A One-Day Workshop on “Hands-on Training in Cadence EDA Tools for VLSI Design” was successfully organized under the domain of Semiconductor Technology on 9th April 2026.

The session was delivered by Mr. G. Ramesh, Director, MSPAND Technologies Private Limited, Theni, Tamil Nadu, who served as the Resource Person for the workshop. He provided valuable insights into VLSI design methodologies and guided participants through hands-on training using Cadence EDA tools, enabling students to gain practical exposure to semiconductor design workflows.

The workshop was coordinated by Dr. K. Martin Sahayam, Associate Professor/ECE, and Dr. A. Sugantha, Assistant Professor/ECE, who ensured the smooth execution of the program.

The event offered participants an excellent opportunity to enhance their technical knowledge in VLSI design and semiconductor technology, strengthening their practical skills and industry readiness.


DHANALAKSHMI SRINIVASAN
SCHOOL OF ELECTRICAL SCIENCES
CERTIFICATE
OF APPRECIATION
This certificate is presented to
COORDINATOR TRIGENIX-26 DEAN-SES VICE PRINCIPAL PRINCIPAL


DHANALAKSHMI SRINIVASAN
CERTIFICATE
OF APPRECIATION


DHANALAKSHMI SRINIVASAN
SCHOOL OF ELECTRICAL SCIENCES
CERTIFICATE
OF APPRECIATION
This certificate is presented to
COORDINATOR TRIGENIX-26 DEAN-SES VICE PRINCIPAL PRINCIPAL


DHANALAKSHMI SRINIVASAN
SCHOOL OF ELECTRICAL SCIENCES
CERTIFICATE
OF APPRECIATION

TRIGENIX-26 – National Level Hackathon

Students enthusiastically participated in TRIGENIX-26, a National Level Hackathon, centered on fostering innovation and technical excellence in emerging engineering domains. The event provided a dynamic platform for students to showcase their creativity, problem-solving abilities, and collaborative skills.

The hackathon was organized by Dhanalakshmi Srinivasan College of Engineering and Technology, Mamallapuram, bringing together talented participants from various institutions across the country on a competitive and intellectually stimulating stage.

In this prestigious event, our team demonstrated exceptional performance and secured the 3rd Prize among 125 competing teams, highlighting their technical proficiency and innovative approach.

The team presented their project titled “AI-Based Fault Detection in Distribution Networks”, which focused on leveraging artificial intelligence to enhance efficiency, reliability, and fault identification in electrical distribution systems.

This remarkable achievement reflects the team’s dedication, innovation, and commitment to addressing real-world engineering challenges through advanced technological solutions.

ELECTRICAL AND ELECTRONICS ENGINEERING

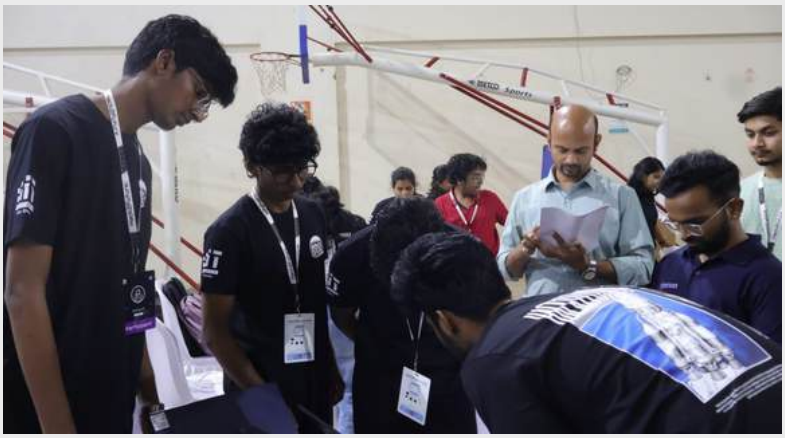
STUDENT ACHIEVEMENTS

Hack2Future 2.0 – National Level Hackathon

Students actively participated in Hack2Future 2.0, a National Level Hackathon focused on promoting innovation, technological advancement, and real-world problem-solving in cutting-edge domains. The event served as an excellent platform for participants to exhibit their creativity, teamwork, and technical expertise.

The team comprised S. Mohammed Sha and C. F. Shibu, students of III Year Electrical and Electronics Engineering (EEE), whose collaborative effort, technical expertise, and innovative approach played a crucial role in achieving this milestone.

This accomplishment reflects their dedication, perseverance, and commitment to excellence, marking a significant achievement in their academic and professional journey.



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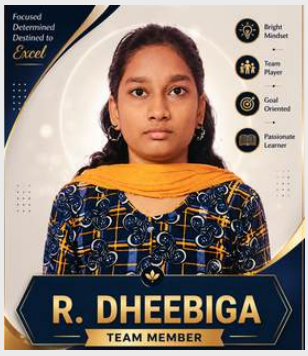
ELECTRICAL AND ELECTRONICS ENGINEERING

STUDENT ACHIEVEMENTS

Team Members



Niral Thiruvizha 3.0 – State Level Innovation Challenge

Students actively participated in Niral Thiruvizha 3.0, a state-level innovation initiative under the Naan Mudhalvan scheme, aimed at fostering creativity, technological advancement, and solution-oriented thinking among young engineers. The event served as a vibrant platform for students to present impactful ideas addressing real-world challenges through innovation and teamwork.

The programme witnessed an overwhelming response, with over 24,000 teams registering from across the state. Following a rigorous multi-stage evaluation process, only 500 teams were shortlisted, making the competition highly selective and prestigious.

In this competitive landscape, SRM TRP Engineering College, Tiruchirappalli, achieved a remarkable milestone with five projects securing a place among the shortlisted entries. Notably, a project from the Department of Electrical and Electronics Engineering (EEE) emerged as one of the distinguished selections.

The shortlisted project, titled “Smart Composting Solution for Organic Waste Management,” focuses on developing a sustainable and technology-driven system for efficient organic waste processing. The solution emphasizes eco-friendly practices through intelligent monitoring and optimized composting techniques.

The team was led by Arthibala K, with R. Dheebiga, G. Vithyasri, and K. Nithya as team members. Their efforts were guided by Dr. G. Maheswaran, Assistant Professor, Department of EEE, whose mentorship played a vital role in shaping the project.

This achievement reflects the team’s innovation, dedication, and commitment to addressing environmental challenges through practical and sustainable technological solutions, marking a significant accomplishment in their academic journey.

ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY ACHIEVEMENTS

Dr. D. F. Jingle Jeba, from the Department of Electrical and Electronics Engineering (EEE), has achieved a significant milestone by securing funding under the MSME IDEA Hackathon 5.0 – Incubation Scheme. His project, titled "Smart AI-Powered Coconut Shell Cutting and Scraping Machine for Safe, Efficient, and Scalable Coconut Processing," reflects a strong blend of innovation and practical application.

The project focuses on enhancing safety and efficiency in coconut processing through the integration of artificial intelligence, contributing to the advancement of smart agricultural technologies. With a sanctioned funding of ₹19 lakhs, this initiative demonstrates Dr. Jingle Jeba's commitment to research excellence and industry-relevant solutions.

His achievement highlights the growing impact of technology-driven innovation in addressing real-world challenges and reinforces the institution's vision of fostering cutting-edge research and development.

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ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY ACHIEVEMENTS

Mr. R. Bharanidharan, Assistant Professor, Department of EEE, has successfully completed the NPTEL Online Certification Course titled “Design Thinking – A Primer” during the January–February 2026 session.

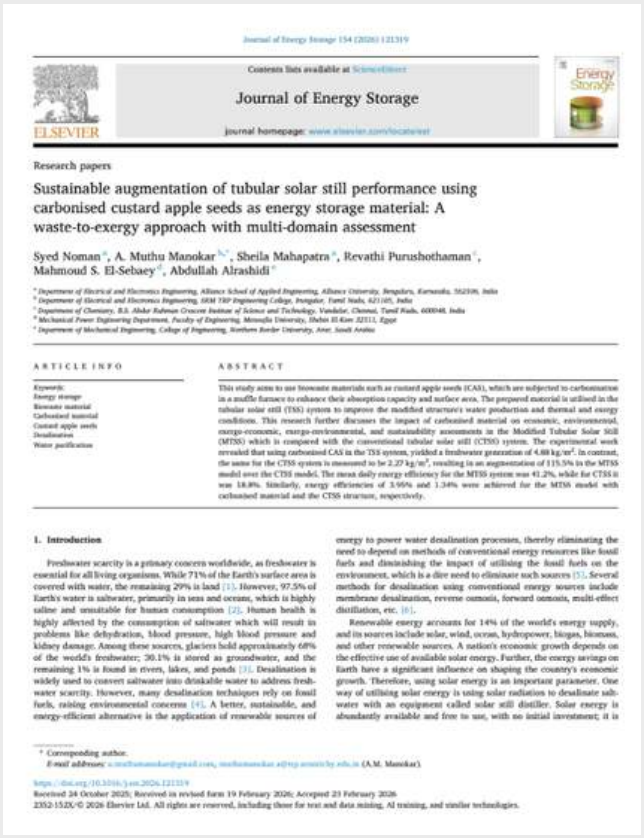
The course was offered by the National Programme on Technology Enhanced Learning (NPTEL), funded by the Ministry of Education, Government of India, and conducted by IIT Madras.

Dr.D.F.Jingle Jabha ,Professor ,Department of EEE, has successfully completed the NPTEL Online Certification Course with Elite Certification titled “Design Thinking – A Primer” during the January–February 2026 session.

The course was offered by the National Programme on Technology Enhanced Learning (NPTEL), funded by the Ministry of Education, Government of India, and conducted by IIT Madras.

ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY ACHIEVEMENTS



Journal of Energy Storage

Research papers

Sustainable augmentation of tubular solar still performance using carbonised custard apple seeds as energy storage material: A waste-to-exergy approach with multi-domain assessment

Syed Noman, A. Muthu Manokar, Sheila Mahapatra, Revathi Purushothaman, Mahmoud S. El-Sebaey, Abdullah Alrashidi

Dr. A. Muthu Manokar, Associate Professor, Department of EEE, along with co-authors, has published a research article titled "Sustainable Augmentation of Tubular Solar Still Performance using Carbonized Custard Apple Seeds: A Waste-to-Exergy Approach with Multi-Domain Assessment" in the Journal of Energy Storage (Elsevier, Impact Factor: 9.8), Volume 154, Part B, April 2026.

The study highlights an innovative waste-to-energy approach, enhancing solar still performance using carbonized custard apple seeds, contributing to sustainable energy solutions.

Review History Report

Athikesavan MUTHU MANOKAR

From: 1 April 2026 To: 27 April 2026

Total journals reviewed for:	5
Total reviews completed:	6
International Communications in Heat and Mass Transfer	1
Journal of Energy Storage	2
Results in Engineering	1
Solar Energy Materials and Solar Cells	1
Thermal Science and Engineering Progress	1

SPRINGER NATURE

REVIEWER CERTIFICATE

This certificate is awarded to

MUTHU MANOKAR A

in recognition of their contribution to

1 manuscript in 2026 for

Iranian Journal of Science and Technology, Transactions of Electrical Engineering

Dr. A. Muthu Manokar, Associate Professor, has been recognized for his valuable contribution as a reviewer for reputed international journals. He received a Reviewer Certificate from Springer Nature in recognition of reviewing one manuscript in 2026 for the Iranian Journal of Science and Technology, Transactions of Electrical Engineering.His consistent contributions to the peer-review process demonstrate his commitment to advancing research quality and supporting the global academic community.

ELECTRICAL AND ELECTRONICS ENGINEERING

EVENTS

⚡ One-Day Workshop on Smart Renewable Energy Circuits ⚡

We are delighted to share the successful completion of an engaging hands-on workshop organized by the Department of Electrical and Electronics Engineering at SRM TRP Engineering College.

Title: Designing Smart Renewable Energy Circuits with Altium Software

The session was conducted by Mr. K. Sathishkumar, III Year B.E. Electrical and Electronics Engineering student, who served as the Peer Educator and delivered an interactive and practical learning experience.

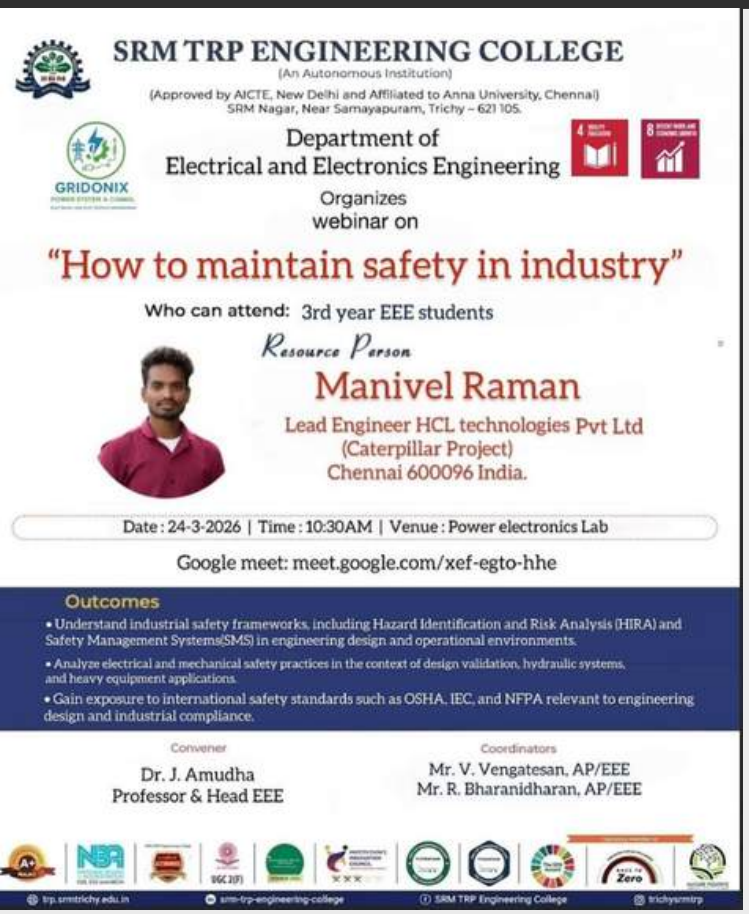
Key Highlights:

- 👉 Fundamentals of smart renewable energy circuit design
- 👉 Introduction to modern tools using Altium software
- 👉 Hands-on circuit design and simulation experience
- 👉 Practical exposure to renewable energy applications
- 👉 Bridging theoretical concepts with real-world implementation
- 👉 Encouragement of innovation and design thinking among students

The workshop saw active participation from III Year EEE students, making it highly interactive, informative, and skill-oriented.

ELECTRICAL AND ELECTRONICS ENGINEERING

EVENTS



⚡ Industry Safety Webinar – Strengthening Industrial Safety Knowledge ⚡

We are delighted to share the successful completion of an insightful webinar organized by the Department of Electrical and Electronics Engineering at SRM TRP Engineering College.

Title: How to Maintain Safety in Industry

The session was delivered by an experienced industry expert, offering valuable practical insights into industrial safety practices and real-world applications.

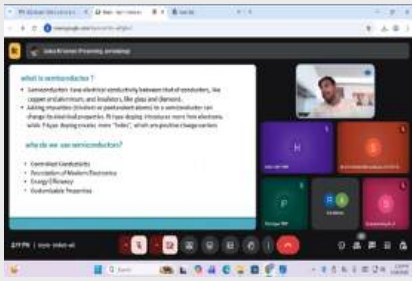
Key Highlights:

- 👉 Industrial Safety Frameworks including HIRA & Safety Management Systems (SMS)
- 👉 Essential Electrical and Mechanical Safety Practices
- 👉 Real-Time Industrial Applications and Case-Based Discussions
- 👉 Overview of International Safety Standards such as OSHA, IEC, and NFPA
- 👉 Importance of building a strong safety culture in industrial environments
- 👉 Exposure to real-world scenarios beyond classroom learning

The session witnessed enthusiastic participation from III Year EEE students, making it highly engaging and impactful.

ELECTRICAL AND ELECTRONICS ENGINEERING

EVENTS



🌟 Alumni Talk Series #3 – Empowering Future Engineers 🌟

We are delighted to share the successful completion of Alumni Talk Series #3 organized by the Department of Electrical & Electronics Engineering in association with the Alumni Cell at SRM TRP Engineering College.

Title: Emerging Trends in Semiconductor

The session was expertly delivered by Er. Gokul Krishnan GKM, Equipment Engineer (Dry Etch), STMicroelectronics, Italy, who provided valuable insights into the rapidly evolving semiconductor industry and guided students on career opportunities.

Key Highlights:

👉 Insights into semiconductor fabrication and dry etching techniques

👉 Understanding current industry trends and global opportunities

👉 Real-time industrial experiences and practical exposure

👉 Career guidance for aspiring engineers in the semiconductor domain

👉 Importance of skill development and industry readiness

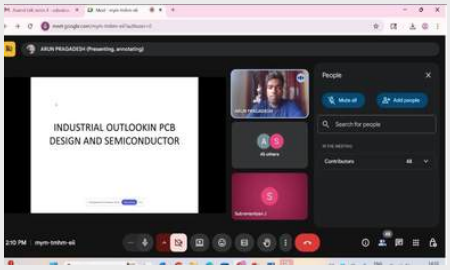
👉 Bridging the gap between academic learning and industry practices

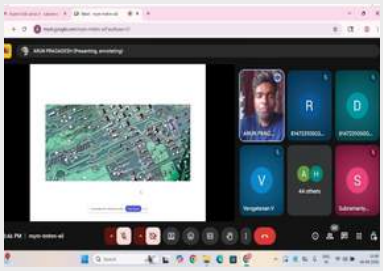
The session witnessed active participation from EEE students, making it highly interactive and impactful. Students gained clarity on career paths, technical competencies, and industry expectations.

🚀 The initiative significantly enhanced students' confidence and preparedness for future opportunities in the semiconductor field.

ELECTRICAL AND ELECTRONICS ENGINEERING

EVENTS





🌟 Alumni Talk Series #4 – Bridging Academia and Industry 🌟

We are delighted to share the successful completion of Alumni Talk Series #4 organized by the Department of Electrical & Electronics Engineering in association with the Alumni Cell at SRM TRP Engineering College.

Title: Industrial Outlook in PCB Design and Semiconductors

The session was expertly delivered by Er. N. Arun Pragadesh, Senior Design Analyst, Caliber Interconnect Solutions Pvt. Ltd., Coimbatore, who provided valuable industry exposure and career guidance to aspiring engineers.

Key Highlights:

- 👉 Overview of PCB design and its significance in modern electronics
- 👉 Insights into semiconductor industry trends and emerging technologies
- 👉 Real-time industrial experiences shared by the resource person
- 👉 Guidance on essential technical and professional skills for core engineering careers
- 👉 Discussion on career opportunities in PCB design and semiconductor domains
- 👉 Understanding industry expectations and evolving opportunities in core sectors

The session witnessed active participation from EEE students, making it highly interactive and impactful. Students gained clarity on technical skill requirements, career pathways, and industry expectations.

ELECTRICAL AND ELECTRONICS ENGINEERING

EVENTS

✨ Project Day 2026 Highlights

The Department of Electrical and Electronics Engineering proudly participated in Project Day 2026 at SRM TRP Engineering College, Tiruchirappalli.

✨ 16 teams showcased innovative projects aligned with SDGs, reflecting strong technical skills and creativity.

✨ The event provided a dynamic platform for real-world problem-solving and interdisciplinary learning.

✨ School students gained valuable exposure through active interaction with projects.

The department extends heartfelt thanks to the Management, Coordinator, faculty, and student volunteers for making the event a grand success.

A celebration of innovation, teamwork, and excellence!

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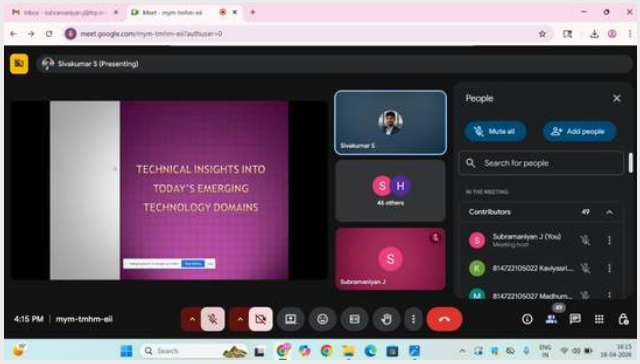
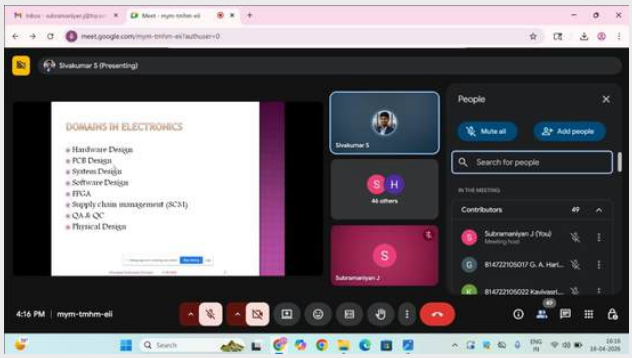
ELECTRICAL AND ELECTRONICS ENGINEERING

EVENTS





🌟 Alumni Talk Series #5 – Exploring Today's Emerging Technology Domains 🌟

We are delighted to share the successful completion of Alumni Talk Series #5, organized by the Department of Electrical & Electronics Engineering in association with the Alumni Cell of SRM TRP Engineering College.

📅 Held on 18th April 2026 in online mode, the session titled "Technical Insights into Today's Emerging Technology Domains" provided valuable exposure to current industry expectations and evolving technological trends for aspiring engineers.

🎙️ The session was enriched by the presence of:

🔹 Er. S. Sivakumar

PWB Designer, Qualcomm India Pvt. Ltd., Bangalore

(Alumnus – Batch 2017–2021)

💡 Key highlights of the session:

✔️ Insights into emerging technology domains shaping the future of engineering

✔️ Understanding workplace expectations in leading global technology companies

✔️ Importance of cross-functional communication and collaborative problem-solving

✔️ Real-time industry exposure shared through professional experiences

✔️ Guidance on skill development strategies for core engineering career growth

🎓 The session witnessed active participation from EEE students and faculty members, making it highly interactive and impactful. Participants gained clarity on industry trends, professional competencies, and the importance of adapting to evolving technological environments.

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Industrial Immersion at TÜV SÜD Bengaluru

Our students participated in an enriching Industrial Immersion visit to the TÜV SÜD Bengaluru Campus, gaining valuable exposure to testing, inspection, and certification practices that underpin global industry standards.

The session stood out for its high level of student engagement, with thoughtful questions and active participation creating a dynamic learning environment. Students effectively connected theoretical knowledge with real-world applications through interactive discussions.

Interactions with industry experts provided practical insights and career guidance, bridging the gap between academia and industry.

Such initiatives play a vital role in developing industry-ready engineers by enhancing technical knowledge, critical thinking, and professional skills.

EVENTS

COGNIZANCE 1.0 | A Grand Intra College Technical Fest

The Department of Computer Science and Engineering proudly reports the successful conduct of COGNIZANCE 1.0, a grand intra-college technical fest organized at SRM TRP Engineering College, Tiruchirappalli.

The inaugural session featured an insightful keynote address by Mr. Samuel Muthu, Program Project Manager, IBM India Pvt. Ltd., Chennai, who highlighted the importance of Artificial Intelligence, real-world industry applications, strong programming foundations, and continuous upskilling for future career growth.

The event was further enriched by the presence of Dr. M. Siva Kumar, Principal, who appreciated the efforts of the organizers and motivated students to focus on innovation, teamwork, and continuous learning. Additionally, Mr. S. Antony Valen, Placement Head, emphasized industry expectations, particularly in coding, aptitude, and communication skills.

COMPUTER SCIENCE ENGINEERING

EVENTS

Startup Pitching

Blind Coding Challenge

COGNIZANCE 1.0 featured a series of exciting technical and creative events including Algorithm Auction, Tech Escape Room, AI Prompt Challenge, Startup Pitching, Blind Coding, and Reel Making, which encouraged active participation and competitive spirit among students.

The department expressed sincere gratitude to the Convener, Dr. P. Sudhakaran (HOD/CSE), faculty coordinators, student coordinators, and all volunteers whose dedicated efforts ensured the smooth execution of the event.

The Department of Computer Science and Engineering stated that COGNIZANCE 1.0 stands as a strong symbol of innovation, collaboration, and excellence, reinforcing its commitment to nurturing future-ready engineers.

AI Prompt

Prize winners

COMPUTER SCIENCE ENGINEERING

EVENTS

The Department of Computer Science and Engineering is proud to share the successful participation in Project Day 2026 held at SRM TRP Engineering College, Tiruchirappalli.

The event witnessed an inspiring showcase of innovation, with 31 teams presenting projects aligned with the Sustainable Development Goals (SDGs). The participation reflected strong technical expertise, creativity, and purpose-driven thinking among students of the department.

The CSE Department highlighted that the event provided an excellent platform for students to demonstrate real-world problem-solving abilities and interdisciplinary innovation, strengthening their academic and practical learning experience.

A special mention was made for the enthusiastic participation of school students, who gained valuable exposure and inspiration by interacting with the innovative student projects.

The department expressed heartfelt appreciation to the Management, Project Coordinator, faculty members, and student volunteers, whose dedicated efforts ensured the smooth execution and success of the event.

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EVENTS

The Department of Computer Science and Engineering proudly shares the successful participation of its students in the 24-Hour Design Spark Challenge, conducted by the School of Design Thinking and powered by the Purple Fabric AI Platform in association with Intellect.The event provided an intensive and immersive learning experience, enabling students to explore innovation through structured design thinking methodologies under a time-bound environment.

Each team comprised four members along with a faculty mentor, ensuring collaborative learning and guided innovation throughout the challenge.

Team Details:

K. Ajay – III CSE, K. Sureyagirishan – III CSE, S. Swasthika – III CSE, Mohamed Taufiq – III Mechanical

Faculty Mentor: Mrs. M. Subasri, AP/CSE

The challenge began with an insightful session on Design Thinking methodologies, focusing on persona creation, identification of antipatterns, and structured problem analysis. These techniques helped students adopt a more user-centric and analytical approach to problem-solving.During the 24-hour sprint, teams were assigned real-world problem statements. The participating team worked on the theme: “Dorm Room Idea into a Registered Startup.”

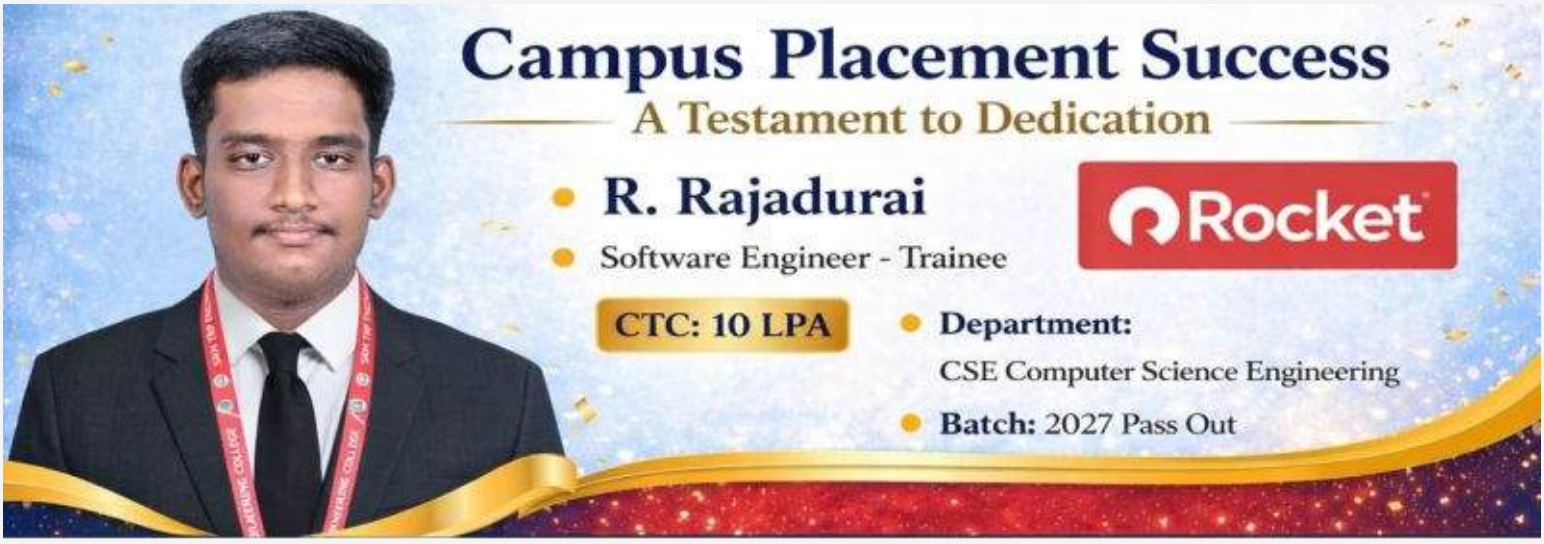
The initial phase involved developing detailed persona frameworks and analyzing antipatterns to better understand entrepreneurial challenges. This structured approach guided the solution design effectively.Using the Purple Fabric AI platform, the team developed an Agentic AI solution titled “GAIA Agent”, a multi-agent system designed to support early-stage entrepreneurs. The solution included multiple AI agents focusing on startup guidance, policy awareness, pitch development, and decision-making support. Within the 24-hour timeframe, the team successfully designed and presented a comprehensive AI-driven solution, demonstrating strong innovation and technical capability. A notable outcome of the event was that one team member secured a Pre-Placement Offer (PPO), including a 6-month internship starting January 2027 with a stipend of ₹18,000.

The Department of Computer Science and Engineering expresses sincere gratitude to the Management, Principal, Vice Principal, and Dr. P. Sudhakaran (HOD/CSE) for their constant encouragement and support in providing such impactful learning opportunities.

COMPUTER SCIENCE ENGINEERING

STUDENTS ACHIEVEMENTS

Hearty Congratulations to Our CSE Achiever!



The Department of Computer Science and Engineering proudly celebrates the remarkable achievement of R. Rajadurai, who has been successfully placed as a Software Engineer – Trainee at Rocket with an impressive Super Dream Offer of ₹10 LPA.

This milestone reflects his consistent hard work, perseverance, and strong commitment to excellence. The department acknowledges that such achievements are the result of both student dedication and the strong academic foundation provided through continuous learning and mentorship.

In its official statement, the CSE Department expressed immense pride in this accomplishment, noting that it stands as a shining example of how determination and discipline lead to outstanding career opportunities in top-tier companies.

This success further highlights the department's focus on nurturing industry-ready professionals capable of excelling in competitive recruitment drives.

The Department of Computer Science and Engineering extends its heartfelt congratulations and wishes R. Rajadurai a bright and successful professional journey ahead.

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COMPUTER SCIENCE ENGINEERING

STUDENTS ACHIEVEMENTS

Hearty Congratulations to Our CSE Achievers!

The Department of Computer Science and Engineering proudly congratulates Iswarya M (Final Year CSE) on securing a prestigious Dream Offer at TCS Digital with an impressive package of ₹7 LPA.

The department expresses that this remarkable achievement is a true reflection of her unwavering dedication, consistent hard work, and strong determination. It highlights her technical expertise along with her perseverance and commitment towards excellence.

The Department of Computer Science and Engineering proudly congratulates Gunalan M and Elakkiyah M (Final Year CSE) on securing a prestigious Dream Offer at Mastek with a package of ₹5 LPA.

This accomplishment reflects their strong dedication, perseverance, and consistent hard work. The department takes immense pride in their success, which stands as a motivating example for fellow students. Such placement achievements are commonly highlighted in CSE department newsletters as a reflection of student excellence and industry readiness.

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COMPUTER SCIENCE ENGINEERING

STUDENTS ACHIEVEMENTS

Congratulations to Our CSE Achievers!

The Department of Computer Science and Engineering is delighted to share that our students have successfully secured placements at GeoNixa.

This achievement reflects the students' strong commitment, perseverance, and consistent hard work. Their success is a proud moment for the department and serves as an inspiration to their peers.

We appreciate their dedication and commend them for reaching this significant milestone in their academic and professional journey.

Congratulations to Our CSE Achievers!

The Department of Computer Science and Engineering proudly announces and congratulates its students for successfully securing placements at Top Grade Innovation.This achievement reflects the students' dedication, perseverance, and commitment to excellence. The department expressed that this milestone is a true outcome of consistent hard work and the strong academic foundation provided throughout their learning journey.

The success of the students is not only a proud moment for the department but also a reflection of the quality training, guidance, and support system that has shaped their careers.

Our heartfelt wishes to all the placed students for continued success as they step into the professional world and contribute meaningfully to the industry.

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STUDENTS ACHIEVEMENTS

Congratulations to Our CSE Achievers!

The Department of Computer Science and Engineering proudly congratulates Shriraj and Shafeek for securing an impressive 6th place in the IIIT Bangalore Hackathon, competing among 60 participating teams from various institutions.

The Department of Computer Science and Engineering proudly congratulates Vinobharathi, Srivardhini, and Yuvamirsha for their outstanding achievement in qualifying for the Semi-Finals of the TN-WISE 2026 Hackathon held at Kumaraguru College of Technology, Coimbatore.

The team has been selected among 500+ competing teams across Tamil Nadu, marking a significant milestone that reflects their innovation, dedication, and problem-solving capabilities in a highly competitive environment.

The Department of Computer Science and Engineering proudly congratulates K. Sureyagirishan and S. Swasthika for their active participation in the Purple AI Design Thinking 12-Hour Hackathon.This intensive innovation sprint provided students with a valuable hands-on experience in Design Thinking methodologies, problem-solving techniques, and AI-powered solution development using the Purple Fabric platform.

During the event, participants engaged in structured ideation, persona building, and analytical problem-solving to address real-world challenges within a limited timeframe. The experience helped strengthen their creativity, collaboration, and technical thinking skills.

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EVENTS

A webinar on “Data Stewardship in Data Science: Security and Privacy Dimensions” was successfully conducted by the Department of Artificial Intelligence and Data Science at SRM TRP Engineering College, in association with the Data Mavericks Club.The event, held on April 22, 2026, was open to students of all academic years and witnessed active participation. The session focused on critical aspects of data stewardship, including security, privacy, risk management, and ethical data practices in modern data science. The webinar featured expert speakers Jeyanth Sekhar, Senior Associate at Cognizant, and John Paul Manickam, an executive leader and criminologist. The resource persons shared valuable insights on information security auditing, threat intelligence, compliance, and real-world cybersecurity challenges. Conducted between 10:00 a.m. and 12:00 p.m. in an online format, with arrangements at the college’s seminar hall, the session provided students with a deeper understanding of emerging trends and responsibilities in data science and cybersecurity domains.

The organizers stated that the webinar concluded successfully, enhancing students’ awareness of data protection practices and preparing them for future challenges in the digital and cybersecurity landscape.

ACHIEVEMENT

Out of 24,411 teams registered across Tamil Nadu for the prestigious , the top 500 teams have been shortlisted for the next stage. It is a matter of pride that Team Votex from the Mechanical Engineering Department, mentored by Dr. V. Senthilkumar, has secured a place among the selected teams. The team comprises III Year Mechanical Engineering students Taufiq J (Team Leader), Mustaq Ahamed T, Saron Valentian J, and Vishal S. The institution congratulates the team and mentor for this commendable achievement and wishes them continued success in the competition.

Dr. V. Senthilkumar is pleased to share that he has successfully completed the online certification course titled offered during Jan–Feb 2026. He has earned the prestigious Elite + Silver Certification with a consolidated score of 76%. This achievement reflects his dedication towards continuous learning, innovation, and professional excellence.

MECHANICAL ENGINEERING

PLACEMENT ACHIEVEMENT

1/1

ASCENT CIRCUITS

AN AMBER GROUP COMPANY

03-04-2026

Mr. Junaid Ahmed A,
S/O Akber Basha A,
44/5 Gorimedu 5th st,
Tiruvannamalai -606601

Dear Mr. Junaid Ahmed,

We are pleased to inform that you have been selected as **Graduate Engineering Trainee** for Ascent Circuits Pvt Ltd. Hosur. We welcome you and look forward to having you as part of our organization. Your date of joining will be 1st June 2026.

The compensation structure will be as follows:
CTC: ₹5.00 LPA (Fixed)
Retention Bonus: ₹1.00 Lakh (as per company policy)

Please note that the letter of the Appointment containing detailed terms of employment will be issued to you within 7 days of joining the organization.

You are requested to submit the self-attested copies of the following at the time of joining

1. Testimonials and highest educational qualification documents.
2. Personal ID with Address Proof (Aadhar Card)
3. PAN Card
4. Five Passport size photographs

The offer letter of employment is being issued on the understanding and on your representation that there is nothing in your past records which is objectionable. In the event of any declaration or representation of documents given by you to the company is found to be either false or incorrect at any point of time, we retain the right to review our employment offer.

Best Wishes,

For ASCENT CIRCUITS PVT. LTD.,

Rahul Mehandiratta
VP & Group Head- HR & IR

Ascent Circuits Private Limited: CIN: U31200KA1999PTC024700 | GSTIN: 33AABCR2074D1ZV
Regd. Address: #B-13, ITI Ancillary Industrial Estate, Mahadevapura, Bangalore 560048, Karnataka, India.
Corporate Office & Factory: #111, SIPCOT Phase 1, Hosur, Tamil Nadu 635126, India.
P: +91 4344 271122 / +91 4344 271129
E: connect@ascentcircuits.com / accounts@ascentcircuits.com
www.AscentCircuits.com

We are happy to share that our Mechanical Engineering student, Mr. Junaid Ahamed A., has been successfully placed at Ascent Circuits Pvt. Ltd., Hosur, a leading manufacturer of Printed Circuit Boards (PCBs), with a CTC of 5 LPA. Recently, the HR Head of the company shared the official offer letter with the student.

This achievement is a proud outcome of the collective efforts of the Placement Cell, Industry Connect Team, faculty members, and the continuous support and guidance provided to the students. The institution congratulates Mr. Junaid Ahamed and wishes him a successful professional career ahead.

MECHANICAL ENGINEERING

FACULTY RESEARCH PUBLICATIONS

The faculty members of our Engineering College have made significant contributions to high-impact international journals indexed in WOS/Scopus. Their recent research publications reflect the institution's growing excellence in advanced materials, manufacturing, thermal engineering, and sustainable construction technologies.

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SRM TRP ENGINEERING COLLEGE

(SRM GROUP)

IRUNGALUR - 621105, MANNACHANALLUR - TALUK,
TIRUCHIRAPPALLI, TAMILNADU
PHONE : 0431 - 2258681, 2258947
https://trp.srmtrichy.edu.in/

@Trichysrmtrp @SRMTRPEngineeringCollege @srm_trp @TrichySRMTRP
@srm-trp-engineering-college