

SRM TRP

ENGINEERING COLLEGE

ASPIRE

Academic Skills Placement Innovation Research
and Exploration

NEWSLETTER

VOLUME 16 | ISSUE 4
April 2025



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.

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Asst.Professor / EEE

Mr. R. RAVI

Asst.Professor / CSE

Mrs. A. Sugantha

Asst.Professor / ECE

CIVIL ENGINEERING

EVENT

The Department of Civil Engineering at SRM TRP Engineering College organized a Two-Day National Level Workshop on "Drone Surveying" on the 7th and 8th of April, 2025. This event was specifically designed for Civil Engineering students to gain in-depth knowledge and practical exposure in the emerging field of drone technology used for land and structural surveying.

The session was graced by Mr. Selvam A, Managing Director of Land Coordinates Technology, Chennai – an ISO 9001:2015 certified company. Mr. Selvam shared valuable insights into the technicalities and applications of drone surveying, including real-time demonstrations and data interpretation techniques.



Organizes a

TWO-DAY NATIONAL LEVEL WORKSHOP ON "DRONE SURVEYING"

Who can attend
Civil Engineering Students



Resource Person
Mr. SELVAM A
Managing Director
Land Coordinates Technology
An ISO 9001:2015 Certified Company, Chennai - 600073

Date : 07.04.2025 and 08.04.2025 Time : 09.30 am to 04.30pm Venue : Civil Seminar Hall

Registration Link : <https://forms.gle/dn5Tce98EJpwxhL47>



Register Now

Convener
Dr. S. Pitchaikani
HoD/Civil Engineering

Coordinators
S. Selsiadevi
Assistant Professor/ Civil
B. Dheebikhaa
Assistant Professor/ Civil

Student - Coordinators
S. P. Naveen – II year Civil
A. Ponhariharan - III year civil

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CIVIL ENGINEERING

EVENT

The Go Green Club of the Department of Civil Engineering at SRM TRP Engineering College, Tiruchirappalli, organized an innovative competition titled “Eco-Design CADD Contest 2025” on April 9, 2025. This event aimed to promote sustainable design practices among Civil Engineering students by encouraging them to integrate eco-friendly concepts into their design thinking.



SRM TRP
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TIRUCHIRAPPALLI



**Department of
Civil Engineering**



A+
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The SDG Accord



INSTITUTION'S
INNOVATION
COUNCIL









GO GREEN CLUB
Organizes a
**“ECO-DESIGN
CADD CONTEST 2025”**



SCAN ME

Theme : • Smart & Sustainable Cities • Eco-Friendly Structures : Building for the Future • Net-Zero Buildings: Innovate for Sustainability

- Designs must align with the theme
- Participants can use any industry-standard CADD software for their designs (AutoCAD, Revit, SketchUp, etc.).
- Submissions must be original work. Plagiarism or pre-existing designs will lead to disqualification.
- Participation can be **individual or in teams of up to 2 members.**
- Participants must bring their own **laptops, extension box and software.**

Registration Link : <https://forms.gle/gnsFeXSY2JZpGmw47>

Who can attend
Civil Engineering Students

Awards
1st Prize : **Rs. 500/**, 11nd Prize : **Rs. 300/**

Date : 09.04.2025 **Time :** 10.00 am to 01.00 pm **Venue :** Civil Seminar Hall

Convener
S. Selsidevi
Assistant Professor/ Civil

B. Dheebikhaa
Assistant Professor/ Civil

Students Coordinator
N. Monika / IV – Civil
A. Sabareeshwaran / IV – Civil



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CIVIL ENGINEERING

EVENT

In a move to bridge academic learning with practical expertise, the Department of Civil Engineering at SRM TRP Engineering College, Tiruchirappalli, organized a Hands-on Training session on Non-Destructive Testing (NDT) Techniques on 12th April 2025. The session was conducted in association with Hitech Concrete Solutions Chennai Pvt. Ltd., a reputed name in structural testing and assessment.



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SRM Nagar, Near Samayapuram, Trichy - 621 105

Department of Civil Engineering

in association with



Hitech Concrete Solutions Chennai Pvt. Ltd.
Building Concrete Relationship

Hands on Training on Non-Destructive Testing Techniques



12.04.2025



10 am to 12 pm



Block-1, SRM TRP ENGINEERING COLLEGE





The Department of Civil Engineering at SRM TRP Engineering College proudly celebrates the outstanding performance of its faculty in the NPTEL (National Programme on Technology Enhanced Learning) courses conducted by IITs and IISc.

Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to
B DHEEBIKHAA
for successfully completing the course
Plastic Waste Management

with a consolidated score of **90** %

Online Assignments	24.13/25	Proctored Exam	65.5/75
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Total number of candidates certified in this course: **3184**

Jan-Mar 2025
(8 week course)





Skill India
कौशल भारत - कुशल भारत



**TOP
TOPPER
2%**


Indian Institute of Technology Kharagpur


swayam
FREE ONLINE EDUCATION

Roll No: NPTEL25CE45S446201267

To verify the certificate 

No. of credits recommended: 2 or 3

ELECTRONICS AND COMMUNICATION ENGINEERING EVENTS



Dr. A. Sugantha , Assistant Professor of ECE department has participated in six days FDP on “Intelligent VLSI: The convergence of AI, Signal processing and Computing” organized by Department of RF and Communication System, Thandalam, Chennai from 07.04.2025 to 12.04.2025.



Dr. M. Vinoth , Assistant Professor of ECE department has participated in six days FDP on “Intelligent VLSI: The convergence of AI, Signal processing and Computing” organized by Department of RF and Communication System, Thandalam, Chennai from 07.04.2025 to 12.04.2025.

ELECTRONICS AND COMMUNICATION ENGINEERING

EVENTS




Dr. A. Sriram , Assistant Professor of ECE department has participated in six days FDP on “Intelligent VLSI: The convergence of AI, Signal processing and Computing” organized by Department of RF and Communication System, Thandalam, Chennai from 07.04.2025 to 12.04.2025.

Dr. A. Shiny Pershiya , Assistant Professor of ECE department has participated in six days FDP on “Intelligent VLSI: The convergence of AI, Signal processing and Computing” organized by Department of RF and Communication System, Thandalam, Chennai from 07.04.2025 to 12.04.2025.



Ms. Aiswarya Kannan , Assistant Professor of ECE department has participated in five days International FDP on “NEXT-GEN AI and DATA ANALYTICS:STRATERGIES FOR THE FUTURE” organized by Department of Computer Engineering, Astana IT University, Kazakhstan from 31.03.2025 to 04.04.2025.





Department of Electrical and Electronics Engineering

in association with Tesla club organizes

Skill based training on "Embedded System and its IOT Applications"

Who can attend
EEE students

Resource Person
Er. K. S Kavin
R&D Managing Director,
Athith Mithra Industrial Technologies Pvt Ltd,
Chennai

Date : 28th to 29th April.2025
Time : 09.00 a.m. - 05.00 p.m.

Convenor
Dr. M. P. Rajasekar Queen
HoD / EEE, SRM TRPEEC

Co-Convenors
Dr. D. F. Jingle Jabha, Associate Professor / EEE
Ms. J. Joylin Mary, Assistant Professor / EEE

Co-ordinators
Dr. R. Sowmya, Assistant Professor/ EEE
Mr. V. Vengatesan, Assistant Professor/EEE

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EEE faculties Dr.D.F.Jingle Jabha , Dr.R.Sowmya, Mrs.J.Joylin Mary, and Mr. V. Vengatesan, conducted skill based training on “Embedded system and its IOT applications” from 28/04/2025-29/04/2025



Department of Electrical and Electronics Engineering

In Association with Green Energy Club Organizes

International Webinar on "Renewable Energy: Advancing Sustainable Solution for a Greener Future"

Who can attend
Internal Faculty Members and EEE Students

Resource Person
Dr.M.Hidayathullah
Lead Power System Engineer,
Three Phase Technical Services LLC Pvt Ltd,
Dubai, United Arab Emirates.

Date: 28.04.2025
Time: 10:00 AM to 11.30 AM

Convenor
Dr.M.P.Flower Queen,
HoD / EEE, SRM TRPEEC

Co-Convenor
Dr.G. Maheshwaran AP/EEE
Dr.S.Heeravathi AP/EEE

Coordinators
Mr.G.Ramprakash AP/EEE
Mr.V.Vengatesan, AP/EEE

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EEE faculties Dr. G. Maheshwaran, Dr. S. Heeravathi, Mr. V. Vengatesan and Mr.G.Ramprakash conducted International webinar on 28/04/2025





SRM TRP
ENGINEERING COLLEGE
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Department of
Electrical and Electronics Engineering



in association with Alumni cell
Organizes on
Guest Lecture
by
RENOWNED ALUMNI



ROBOTICS AND SENSORS: ENABLING AUTONOMOUS SYSTEMS

Who can attend

EEE Students



Resource Person
Dr. P. S. Suvetha
Assistant Professor/EEE
Dayananda Sagar College of Engineering, Bengaluru

Date : April 9, 2025 Time : 3:30 PM to 5:00 PM Venue : Power System Simulation Lab

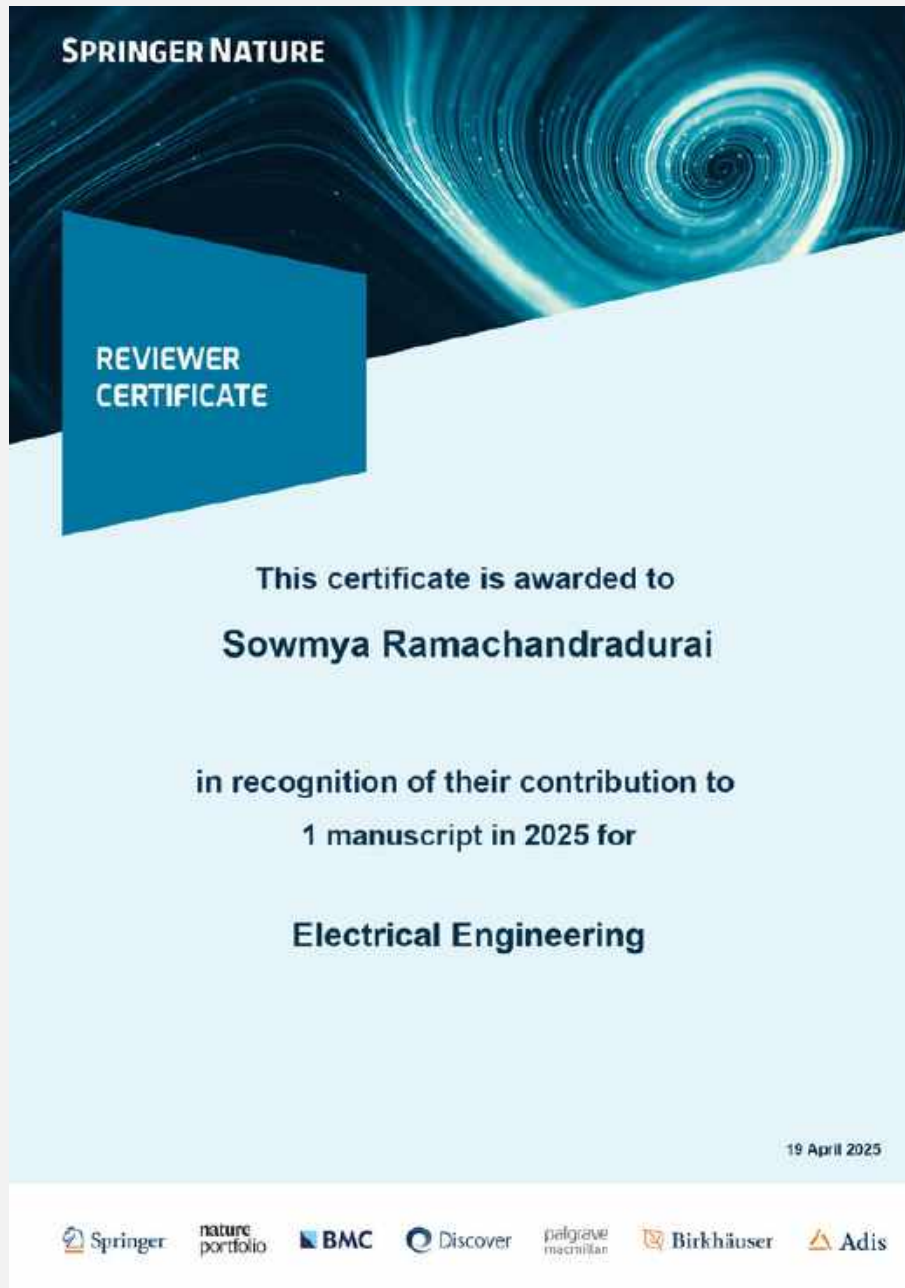
ONLINE MODE To join the video meeting, click
this link: <https://forms.gle/qCep7c3GEZtWGe1W6>

Otherwise, to Join by Phone, Dial +1 435-268-2199 and Enter This PIN: 388 918 803#

Convenor Dr. M. P. Flower Queen HOD/EEE	Co-Convenor Dr. R. Sowmya, /AP/EEE	Coordinators Mrs. J. Joylin Mary, /AP/EEE Dr. D. F. Jingle Jabha, /ASP/EEE Mr. J. Subramaniyan, /AP/EEE Dr. R. Sathishkumar, /ASP/EEE
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EEE faculties Dr.R.Sowmya, Mr.J.Subramaniyan, Mrs.J.Joylin Mary, Dr.D.F.Jingle Jabha and Dr. R. Sathishkumar, conducted guest lecture on "Robotics and Sensors: Enabling Autonomous Systems on 09/04/2025



Dr.R.Sowmya, AP/EEE Received an award from the Electrical Engineering Journal, Springer on April 19, 2025



Dr. R. Sowmya/AP/EEE, Mrs.J.Joylin Mary AP/EEE attended a webinar on the topic of unlocking business potential on 09/04/2025





Certified on: 26/04/2025 15:42

Dr. R. Sowmya/AP/EEE successfully completed the skill based course conducted by skill india digital hub on 26/04/2025



Dr. R. Sathishkumar, ASP/EEE attended a webinar on the topic of unlocking business potential on 09/04/2025

ELECTRICAL AND ELECTRONICS ENGINEERING

STUDENT ACHIEVEMENTS



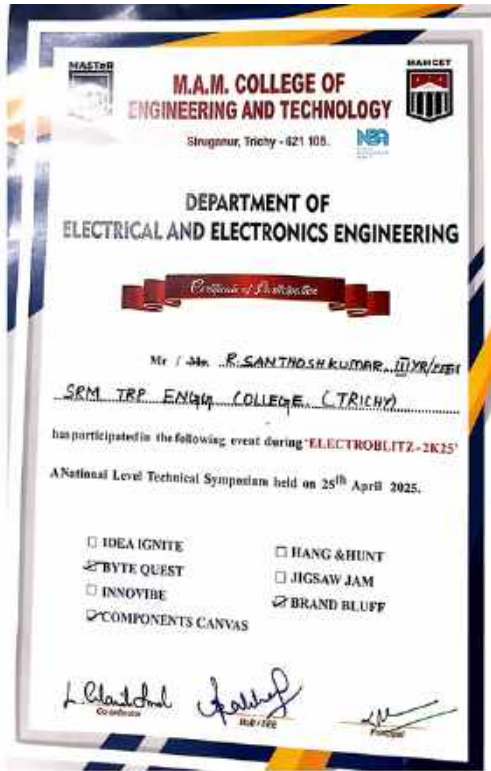
Sibu C F from II year EEE participated in the event conducted by St.Joseph Engineering College, Mangaluru from 07/04/2025-09/04/2025



Sibu C F from II year EEE participated in the event Hack the Cosmos conducted by SRMIST, Kattankulathur from 21/04/2025-22/04/2025

ELECTRICAL AND ELECTRONICS ENGINEERING

STUDENT ACHIEVEMENTS



Santhshkumar, Vignesh Kumaran and Yogesh Kannan from III year EEE participated in the event Electroblitz-2025 conducted by MAMCET on 25/04/2025



Nagaraj R from III year EEE participated in the two days workshop conducted by EEE department, SRMTRPEC from 28/04/2025-29/04/2025



Priyadharshan G from III year EEE participated in the two days workshop conducted by EEE department, SRMTRPEC from 28/04/2025-29/04/2025



The Department of Mechanical Engineering successfully organized a seminar on “Innovation and Sustainability in Heavy Engineering: Building India’s Industrial Future”, which was held recently.

Esteemed Guest:

We were honored to have Shri. Karthikeyan, Managing Director of Velmurugan Heavy Engineering Industries Ltd., as our distinguished guest. Shri. Karthikeyan, an expert member in the first IQAC meeting, was invited as the Chief Guest after the completion of the program. He shared valuable insights with our second-year Mechanical Engineering students.

Program Outcomes:

Knowledge Sharing: Students gained profound insights into sustainable practices and innovative technologies in the heavy engineering sector.

Industry Insights: Participants learned about the pivotal role of heavy engineering industries in shaping India’s industrial future and the significance of innovation and sustainability.

Skill Development: The seminar fostered critical thinking, problem-solving, and professional growth through interactions with industry experts and academicians.

Networking Opportunities: It provided a platform for students to engage with industry professionals, facilitating potential collaborations and knowledge exchange.

Awareness of Emerging Trends: Participants were exposed to cutting-edge trends and technologies in the heavy engineering domain, enriching their understanding of the industry’s future trajectory.

Gratitude:

We extend our heartfelt thanks to the Management, Dean, Director, Principal, Vice Principal, HoD, seminar organizers, speakers, participants, and the support staff for their invaluable contributions in making this event a success.

Special Recognition: We would like to acknowledge the seminar coordinators, Mr. D. Manikandan and Mr. N. Senthilkumar, for their dedicated efforts in organizing the event.



Dr. V. Lakshmanan is pleased to share that he has received the Session Chair Certificate for the International Conference on Advances in Materials, Mechanics, and Manufacturing (ICAMMM 2025). It was an honor for Dr. Lakshmanan to contribute to this prestigious event and engage with a series of inspiring research presentations, further advancing knowledge in the fields of materials, mechanics, and manufacturing.



III Year Mechanical Engineering Students Present at IMSTEM 2025

We are pleased to announce that the following III Year Mechanical Engineering (Section B) students – Mr. C.S. Tamil Selvan, Mr. M. Pranav, Mr. S. Viswanathan, and Mr. S. Sivashankaran – successfully presented a research paper titled “Safety Studies in Process Industries: A Comprehensive Review” at the International Conference on Innovations in Materials Science, Technology, Engineering, and Management for Sustainable Development (IMSTEM 2025).

The conference was held in hybrid mode on March 30–31, 2025, and was organized by St. Joseph’s College of Engineering, OMR, Chennai, India.

SRM TRP ENGINEERING COLLEGE
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Department of Mechanical Engineering

in association with Industry Connect Organizes. On **Automotive Functional Requirements: Engine Components & Engine Testing**

Who can attend
2nd & 3rd Year Mechanical Engineering

Resource Person
Shri. D. Jeyakanthan
Divisional Manager,
Operation Strategy & Business Excellence,
Ashok Leyland Ltd., Hosur

Take Away

- Performance testing verifies power, torque, thermal and NVH characteristics under varied conditions
- Durability tests simulate long-term wear and real-world usage—critical for reliability.
- Emissions testing ensures compliance with local and global environmental regulations.
- Safety and diagnostic capabilities must be integrated and validated throughout.

To join the video meeting, click this link: <https://meet.google.com/byd-sjrm-kzu>

Date : 23.04.2025 Time : 02.30 P.M - 04.30 P.M Venue : Mechanical Seminar Hall

Convenors
Dr. C. Paulraj, HoD
Mr. S. Victor Sooda, Industryraj
Asso. Dean, Industry Connect

Co-Convenors
Mr. N. Senthil Kumar, Asst Professor
Mr. D. Manikandan, Asst Professor

Co-ordinators
Mr. M. Ganesh Karthikeyan, Asst Professor
Dr. V. Bracely, Asso Professor

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Webinar on “Automotive Functional Requirements: Engine Components & Engine Testing”

The Department of Mechanical Engineering organized a webinar on “Automotive Functional Requirements: Engine Components & Engine Testing” on 23rd April 2025 (Wednesday) at 2:30 PM via Google Meet.

A total of 80 students from the II Year Mechanical Engineering department participated in this informative session, gaining valuable insights into engine design and testing, emission norms, fuel types, injector systems, and turbochargers.

Resource Person:

The webinar was led by Shri. D. Jeyakanthan, Divisional Manager, Operation Strategy & Business Excellence at Ashok Leyland Ltd., Hosur. He delivered an engaging and informative lecture on the topic of Automotive Functional Requirements: Engine Components & Engine Testing, offering deep industry perspectives and practical knowledge.

Program Outcomes:

Performance Testing of Engines: Understanding the procedures and techniques for engine performance evaluation.

Engine Component Design: Gaining insights into the basic concepts of designing engine components.

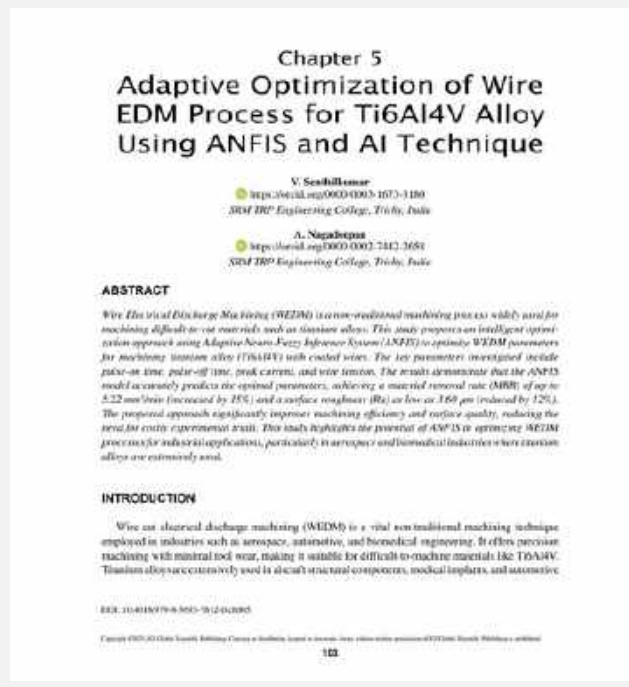
Acknowledgments:



Congratulations to III Year Mechanical Students for Successful Project Exhibitions at ZENITH '2K25
Hearty congratulations to Mr. Pranav, Mr. Naveenkumar, and Mr. Muralitharan of III Year Mechanical Engineering, Section B, for successfully exhibiting their innovative project titled "Smart Irrigation System" at the One Day National Level Project Exhibition ZENITH '2K25, conducted by K. Ramakrishnan College of Engineering, Trichy, on 29th April 2025.

We also extend our congratulations to Mr. AbeeB of III Year Mechanical Engineering, Section A, for showcasing his project "WiFi Controlled Car" at the same prestigious event.

Their creativity, dedication, and hard work are truly commendable, and they have made the department proud with their exceptional contributions to engineering innovation.



Dr. V. Senthilkumar and Dr. A. Nagadeepan's Book Chapter Published in Scopus Indexed Series

Dr. V. Senthilkumar is pleased to share that a book chapter titled "Adaptive Optimization of Wire EDM Process for Ti6Al4V Alloy Using ANFIS and AI Technique", co-authored with Dr. A. Nagadeepan, has been published in the Scopus-indexed book series "Harnessing AI for Control Engineering", by IGI Global in April 2025.

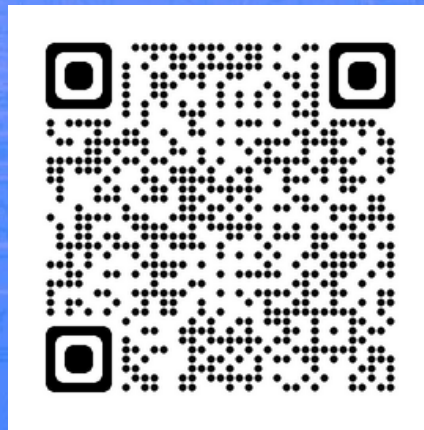
This chapter delves into the innovative application of Artificial Intelligence and ANFIS (Adaptive Neuro-Fuzzy Inference System) techniques for optimizing the Wire EDM (Electrical Discharge Machining) process for Ti6Al4V alloy, contributing to the advancement of manufacturing processes in control engineering.



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Affiliated to ANNA UNIVERSITY
TIRUCHIRAPPALLI

COUNSELLING CODE : 3795



SRM TRP ENGINEERING COLLEGE (SRM GROUP)

IRUNGALUR - 621105, MANNACHANALLUR - TALUK,
TIRUCHIRAPPALLI, TAMILNADU

PHONE : 0431 - 2258681, 2258947

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