

SRM TRP

ENGINEERING COLLEGE

ASPIRE

Academic Skills Placement Innovation Research
and Exploration

NEWSLETTER

VOLUME 16 | ISSUE 2
FEBRUARY 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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Co-Chairman- SRM Group of Institutions

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CIVIL ENGINEERING

FACULTY ACHIEVEMENTS

INSTITUTE INDUSTRY INTERACTION CELL & DEPT. OF CIVIL ENGG.

Jointly Organize

Executive Skill Development Program in

Pulse

(EGSTON - A YAGEO company)

M/s. PULSE SYSTEM ELECTRONICS INDIA P. Ltd.

Trichy.

17th February, 2025



SRM TRP
ENGINEERING COLLEGE
TIRUCHIRAPPALLI

SRM TRP
ENGINEERING COLLEGE
SRM Nagar, Near Samayapuram, Trichy - 621 105

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CIVIL ENGINEERING

FACULTY ACHIEVEMENTS



In this context,

17.02.2025 our dynamic Principal, Dean Associate Industry connect, S.Manimaran, Prof.Agilesh visited and presented about AUTO CAD 3D Modelling, Fusion 360 & Auto lisp programming.

At

Pulse Electronics India P Ltd..Trichy .. a Yageo Group & Chinese based MNC ...

Really all the executives of this premier MNC cherished & enjoyed the informative sessions, which concluded at 16.45hrs and felt very Happy.



Our Beloved Principal sir handling Auto Lisp programming..for the executives of Pulse electronics..



Pulse Electronics India Ltd..a Japanese based Core MNC..



Executives Skill Devt. Prog.in



ESDP on CADD 3D modeling & Auto lisp progmg by our TRPEC Principal sir & Prof.Manimaran sir..



Pulse Electronics Ltd...



Our SRM TRP Engineering College, Trichy has successfully hosted Naan Mudhalvan FDP
on
Building Information Modeling
&
Employability Based Project Learning from 10.02.25 - 16.02.25.

SRM TRP ENGINEERING COLLEGE hosted Naan Mudhalvan - TN skill- TNSDC & CFPD -Anna University, Chennai .Faculty Development Programme on Building Information Modelling (BIM) and EBPL (HCL) from 10.02.2025 to 16.02.2025 (6 days) .The programme was attended by a total 150+ faculties from 75 institutions various across Tamilnadu have participated. The Participants gained insights into the latest trends and best practices in BIM and project-based learning.





SRM TRP ENGINEERING COLLEGE hosted Naan Mudhalvan - TN skill- TNSDC & CFPD -Anna University, Chennai .Faculty Development Programme on Building Information Modelling (BIM) and EBPL (HCL) from 10.02.2025 to 16.02.2025 (6 days) .The programme was attended by a total 150+ faculties from 75 institutions various across Tamilnadu have participated. The Participants gained insights into the latest trends and best practices in BIM and project-based learning.





CERTIFICATE Of Appreciation

This is to certify that Prof. Manimaran, Asst. Professor, Civil Department - Industry Connect, SRM TRP Engineering College, Trichy, conducted sessions on AutoCAD 2D, 3D, and AutoLISP for the executives of Pulse System Electronics India Pvt. Ltd., Trichy, on 17th February 2025 in an excellent manner.

These sessions were part of the Industry Connect initiative, and the Executive Skill Development Program was organized by the SRM TRPEC Team.

Mr. Manimaran S participated in the National Level Workshop on "Frontiers in Chemical Research: Innovations and Applications" held from February 17 to 21, 2025, organized by the Department of Chemistry, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.



Mr. Manimaran S from Department of civil engineering SRM TRP Engineering College has successfully completed the Faculty Development Programme on Building Information Modelling with an A+ grade. This prestigious training was conducted by the Tamil Nadu Skill Development Corporation under the Naan Mudhalvan Programme at Anna University from February 10, 2025, to February 16, 2025.

ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY ACHIEVEMENTS



Dr.A.Sughantha , Assistant Professor of ECE department has successfully completed the course titled “SEMICONDUCTOR FABRICATION 101” from PURDUE University.



Dr.A.Sriram , Assistant Professor of ECE department has successfully completed the course titled “SEMICONDUCTOR FABRICATION 101” from PURDUE University.



Mr. M. Vijay , Assistant Professor of ECE department has successfully completed the course titled “SEMICONDUCTOR FABRICATION 101” from PURDUE University.



Ms. K. Aiswarya , Assistant Professor of ECE department has successfully completed the course titled “SEMICONDUCTOR FABRICATION 101” from PURDUE University.

ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY ACHIEVEMENTS



Ms. A. Shiny Pershiya, Assistant Professor of ECE department has successfully completed Faculty Development Program on “Cyber Security” organised by the Department of MBA and Research Center, Excel R on 14th to 20th February 2025.

Ms. D.Gayathri , Assistant Professor of ECE department has successfully completed the Faculty Development Program on “How to Write and Publish a Scientific Paper” organized by the Department of Research and Development cell on 18th February 2025.



ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY ACHIEVEMENTS



Mrs. S. Mirdula, Assistant Professor of ECE department has successfully completed Faculty Development Program on “Cyber Security” organised by the Department of MBA and Research Center, Excel R on 14th to 20th February 2025.

Mrs. K.Priyadharshini , Assistant Professor of ECE department has successfully completed the Faculty Development Program on “How to Write and Publish a Scientific Paper” organized by the Department of Research and Development cell on 18th February 2025.



Mrs. M. Krishna Rani, Assistant Professor of ECE department has successfully completed the Faculty Development Program on “How to Write and Publish a Scientific Paper” organized by the Department of Research and Development cell on 18th February 2025.



ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY ACHIEVEMENTS



Mrs. K.Priyadharshini, Assistant Professor of ECE department has successfully completed Faculty Development Program on “Emerging Machine Learning Technique in Health care 5.0” organised by Arvind Gavali College of Engineering, Satara from 11th to 15th February 2025.

Mrs. S. Mirdula , Assistant Professor of ECE department has successfully completed the Faculty Development Program on Faculty Development Program on “Emerging Machine Learning Technique in Health care 5.0” organised by Arvind Gavali College of Engineering, Satara from 11th to 15th February 2025. .



Mrs. M. Krishna Rani, Assistant Professor of ECE department has successfully completed the Faculty Development Program on Faculty Development Program on “Emerging Machine Learning Technique in Health care 5.0” organised by Arvind Gavali College of Engineering, Satara from 11th to 15th February 2025. .



ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY ACHIEVEMENTS



Dr.R.Sowmya, Dr.R.Sathishkuma and Mrs.J.Joylin Mary attended an ATAL FDP on the topic of Revolutionizing Electric Vehicle Powertrains: The Role of Wide-Bandgap Semiconductors in Overcoming Challenges and Shaping Future Trends at DR.MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY from 17/02/2025 to 22/02/2025.



ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY ACHIEVEMENTS



Dr.R.Sowmya and Mrs.J.Joylin Mary attended an ATAL FDP on the topic of The Role of Artificial Intelligence and Machine Learning in Electric Vehicle Technology at K RAMAKRISHNAN COLLEGE OF TECHNOLOGY from 10/02/2025 to 15/02/2025



Dr.R.Sathishkuma attended an ATAL FDP on the topic of Advanced Technologies for Smart Power Systems at Noorul Islam Centre for Higher Education from 10/02/2025 to 15/02/2025

ELECTRICAL AND ELECTRONICS ENGINEERING

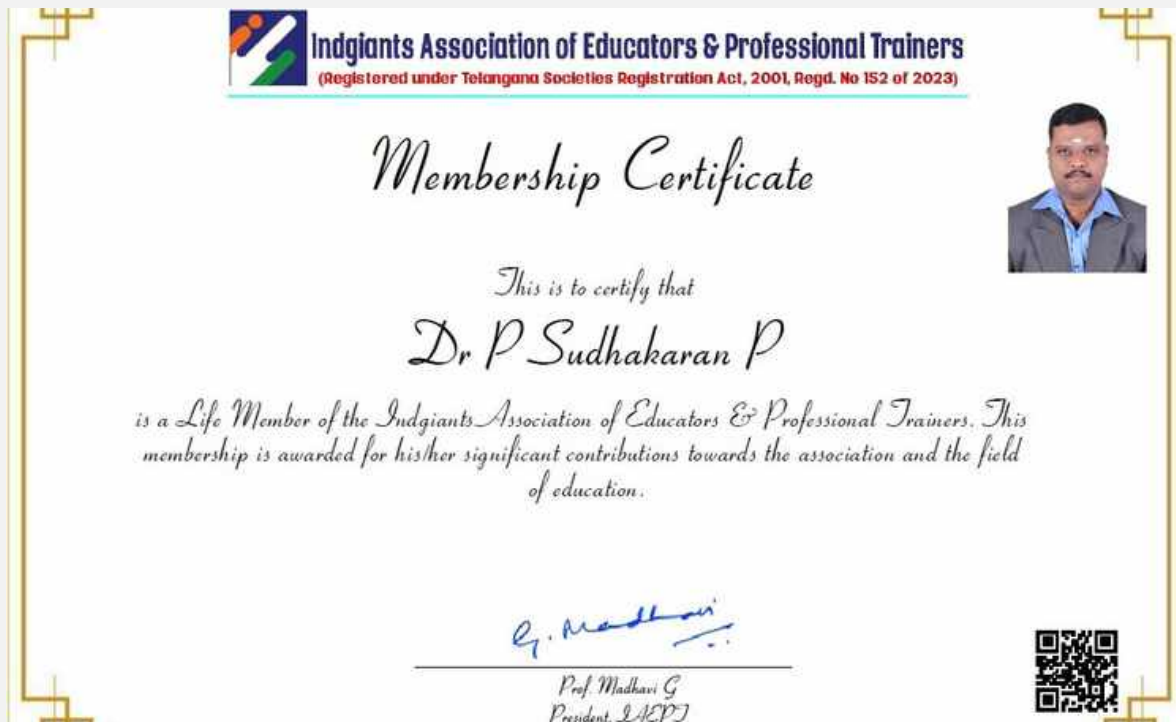
Student Inplant Training



10 Students from second year EEE undergone the IPT in ALL India Radio, Trichy from the period of 17.02.2025-21.02.2025



Dr.R.Ravi attended an ATAL FDP on the topic of The Role of Artificial Intelligence and Machine Learning in Electric Vehicle Technology at K RAMAKRISHNAN COLLEGE OF TECHNOLOGY from 10/02/2025 to 15/02/2025





Our CSE Department faculty Mrs.Anitha has presented the Paper titled Synergistic of Morphological and Spectral Features for Enhanced Rice Leaf Disease Classification in the International CONFERENCE on Information and Technology and Artificial Intelligence (ITAI 2025).



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ENGINEERING COLLEGE

Approved by AICTE & Affiliated to Anna University, Chennai.
SRM Nagar, Near Samayapuram, Trichy - 621 105

Industry Connect Dept.



Organizes
Exposure Visit to

M/s. HCL Technologies Ltd., Madurai.

for

Our Faculty Members

20.02.2025



The industrial visit to HCLTech, Madurai was a highly insightful and enriching experience. The visit provided faculty members with valuable exposure to industry practices, emerging technologies, and real-world applications of IT solutions. The sessions conducted by HCL professionals were highly informative, covering topics like GenAI which are essential for modern academic curriculum.



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TIRUCHIRAPPALLI

COMPUTER SCIENCE ENGINEERING & AIDS

STUDENT ACHIEVEMENTS



""Congratulations to our talented CSE Students,

Karthiga A and Priya Ashly Rose B, III-year, B sec, CSE students of SRM TRP Engineering College,

for securing III place in the Paper Presentation at NPR Engineering College and winning a ₹1000 cash prize!

Your dedication and hard work have brought pride to our department.

COMPUTER SCIENCE ENGINEERING & AIDS

STUDENT ACHIEVEMENTS



""Congratulations to our talented Students,

Madhumitha.C and Priya, Madhubalan G III-year, B sec, CSE students of SRM TRP Engineering College,

For securing III place in the Paper Presentation at K Ramakrishna college of Engineering and winning a ₹500 cash prize!

Wishing you both more success ahead!"*

Your dedication and hard work have brought pride to our department.

Dr. V. Senthilkumar has actively participated in and successfully completed the six-day AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Green Technology Towards a Sustainable Future," organized by Laxminarayan Innovation Technological University from February 3 to February 8, 2025.



Research Publication Update – Dr. V. Senthilkumar

We are pleased to share that two of our research articles have been successfully published in the Atlantis Press (Part of Springer Nature) – Advances in Biological Sciences Research Series.

"Green Grape Seed Extract-Mediated Synthesis of CuO Nanoparticles: Characterization and Enhanced Antibacterial Activity"

"An Investigation on Microstructure and Mechanical Characterization of High-Performance Magnesium Hybrid Nanocomposites with Al₂O₃ and MoS₂ Nanoparticles"

These research papers have been co-authored by Dr. A. NagaDeepan, Prof. S. Senthilkumar, and Research Scholar K. Raja.

This achievement reflects our ongoing commitment to cutting-edge research in materials science and nanotechnology.

Book Chapter Acceptance – Dr. V. Senthilkumar

We are delighted to share that our book chapter titled "Adaptive Optimization of Wire EDM Process for Ti6Al4V Alloy Using ANFIS and AI Techniques," authored by Dr. V. Senthilkumar and Dr. A. NagaDeepan, has been accepted for publication in the IGI Global (Scopus Indexed) book series – Harnessing AI for Control Engineering.

This recognition highlights our contributions to the integration of artificial intelligence in advanced manufacturing processes.



Faculty Development Program Completion – Dr. V. Senthilkumar

Dr. V. Senthilkumar has successfully completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Artificial Intelligence for Science and Engineering," held at National Institute of Technology (NIT) Nagaland from February 17 to February 22, 2025.

This program provided valuable insights into the applications of AI in scientific and engineering domains, further enhancing expertise in the field.



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