SRM TRP ENGINEERING COLLEGE
Affiliated to ANNA UNIVERSITY
TIRUCHIRAPPALI

SRM TRP ENGINEERING COLLEGE

ASPIRE

Academic Skills Placement Innovation Research and Exploration

NEWSLETTER

VOLUME 15 | ISSUE 2
JULY TO DECEMBER 2024

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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Dr. R. Shivakumar
Chairman- SRM Group of Institutions

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

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Muhamed Faizal RO
IV-MECH

DESIGNERS

Siva Santhosh M
IV - CSE

Santhosh A P
IV - CSE

KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT

P.L.AJAY AKASH from final year EEE placed in City Union Bank with CTC: 4.32 LPA.

Mohamed Edhirsh, Govarthan, Sheik Bashith, Keerthivarman, Sivadharshan, Gokulakruishnan, Midhun and Govindarajan from final year EEE placed in Aqua Group.

Palanivelan, Syed Naizer Shah and Hariharan from final year EEE placed in Ashok Leyland with CTC:3LPA.

Devabenedictwlcy, Kuralilakkiya, Priyanka, Rakshitha, Mohamed Roshan Aashik and Anandhraj from final year EEE placed in EGSTON Electronics .

KNOWLEDGE ENHANCEMENT

FACULTY ACHIEVEMENTS

Face Recognition Based Attendance System in Android

Manoj Abraham D.S[1], Jingle Jabha D.F[1]*, Joselin R[2], Sowmya R[3], Madhavan K M[4]
[1]Associate Professor, PSN College of Engineering, Tirunelveli, 627152, India
[2]Professor, SRM TRP Engineering College, Trichy, 621105, India
[3]Professor, Trichy Engineering College, Trichy-621105, India
[4]Assistant Professor, SRM TRP Engineering College, Trichy, 621105, India
*UG Student, Trichy Engineering College, Trichy, 621105, India
Corresponding author: [illegible]

Abstract- **Attendance is an important one in schools and colleges, but still in many schools and colleges the method of taking the attendance is not efficient. Attendance is taken by calling the name of the students and mark their presence or absence manually in a ledger which is time consuming and requires more manual work. Face recognition is one of great ways of identifying a person. To take attendance in an efficient way I propose an android application in which, first all students face will be registered then faculty just need to take a photo of the classroom from the photo students faces will be identified and attendance will be marked automatically in an excel file. Face detection and face recognition is performed using Google ML kit and MobileFaceNet respectively.**

Keywords – Face recognition, Face detection, ML kit, MobileFaceNet, Android.

1. INTRODUCTION

In schools and colleges, the first thing they do is taking attendance, the traditional attendance taking method is very inefficient in which the faculty call the name of all the students and mark their presence or absence manually in a ledger. The first problem with this traditional method is time consuming, it takes at least 3 minutes for each session, then manual work is also a problem finally the cost of maintaining the ledger. To overcome this problem many systems have been implemented such as finger print recognition, iris recognition, radio frequency identification but if there are many classes and more students then it needs many recognition machines for each class and if a group of students come at the same time then it will make a queue to record their attendance. So, these systems are also not an efficient one. Now a days face recognition is a trending technology which is being used in many fields. Using this face recognition we can implement attendance system, here we can ask why face recognition? Because using face recognition multiple faces can be recognized at the same time and processing time is also less compared to finger print recognition and iris recognition. And another question we can ask is why to use Android based system? The answer is simple, apparently everyone has android phone then the cost for setting up a separate camera for face recognition is eliminated. In this proposed system first, the faculty need to register every students face and then faculty need to take a photo of the classroom from that photo students faces will be detected and recognized, finally the information will be recorded in an excel file. Face detection is done by Google ML-Kit and for face recognition MobileFaceNet model is used the reason in this model can obtain accuracy up to 99.55 %[1].

2. LITERATURE SURVEY

Dwi Sunaryono [2] introduced an attendance system where student's are required to photograph themselves in front of a classroom QR code. This photo is then sent to a server for facial recognition, enabling attendance marking. In our study, we utilized logistic regression, linear discriminant analysis, and k-nearest neighbor algorithms for the facial recognition task. This system achieves an accuracy of 97.25%. Shamsul J. Elias et al. [3] developed an attendance system where a camera positioned at the front of the classroom captures an image of the students in their system, they employed the Viola-Jones algorithm for face detection and the Local Binary Pattern (LBP) for face recognition. These methods were utilized to process the captured classroom image and accurately record attendance based on identified faces. Preeti Malik [4] developed a face recognition attendance system using MATLAB and Raspberry Pi2. Their approach integrates local binary pattern (LBP), histogram of oriented gradients (HOG), and support vector machines (SVM) for both face detection and face recognition tasks. This combination of techniques enables accurate identification and attendance recording based on recognized faces. Sruthi and Preethaa K.[5] have implemented an attendance system where a camera is positioned in front of the classroom to capture live feed of students' faces. They utilized the Haar-cascade classifier for face detection and the local binary pattern histogram for face recognition. These methods enable the system to detect and recognize faces in real-time, facilitating accurate attendance management based on the identified individuals.

Dr.D.F.Jingle Jabha and Dr.R.Sowmya published a paper entitled “Face Recognition based Attendance System in Android in the journal of “ADP”

CSE Department Faculty members Mrs T Nagalakshmi and Mrs M Anitha have been selected for the AICTE QIP PG Certificate Program in "Data Science and Quantum Computing" hosted by the Department of Engineering Sciences, ABV-Indian Institute of Information Technology and Management, Gwalior, from July 17, 2024.

Dr.P.SUDHAKARAN ,Professor of CSE Department attended Seminar on “GENERATIVE AI” at Saranathan College of Engineering ,Trichy on 18.07.2024

PADMANABAN R ,Assistant Professor of CSE Department attended Seminar on “GENERATIVE AI” at Saranathan College of Engineering ,Trichy on 18.07.2024

A.SENDHOORAN ,Assistant Professor of CSE Department attended Seminar on “GENERATIVE AI” at Saranathan College of Engineering ,Trichy on 18.07.2024

DEVAPRIYA S ,Assistant Professor of CSE Department attended FDP on Emerging Trends in Medical Technology and Inventions in Healthcare at Kongunadu College of Engineering and Technology on 24.06.2024 - 29.06.2024

KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT

TCS Campus Drive Results

students of 2024 batch of TRP Engineering College got selected:

1) Harivarsha P of CSE - NINJA Offer of 3.6 LPA

2) Divya Daria of CSE - NINJA Offer of 3.6 LPA

Congratulations to the selected students

Our college ÇSE final year student Pooja secure Gold medal in powerlifting and weightlifting competition

open District champion ship conducted by Trichy District weight lifting powerlifting Association.

She has selected state level competition at Vellore.

WORLD ENVIRONMENT DAY

APEX SDG

Certificate

Certi No: AS-WED-83-24-132

Eco-SDG Champ 2024

This is to certify that SRM TRP ENGINEERING COLLEGE, TIRUCHIRAPPALLI, TAMIL NADU is hereby recognized for its Eco-SDG Champ activities 2024 by APEX SDG, Hyderabad . The Institution has successfully demonstrated, conducted and completed Sustainable Development green activities during June & July 2024 .The Collaboration with APEX SDG is appreciated.

Shri Sudheer Kumar
ED- APEX SDG

APEX SDG
OUR WORD IS OUR COMMITMENT

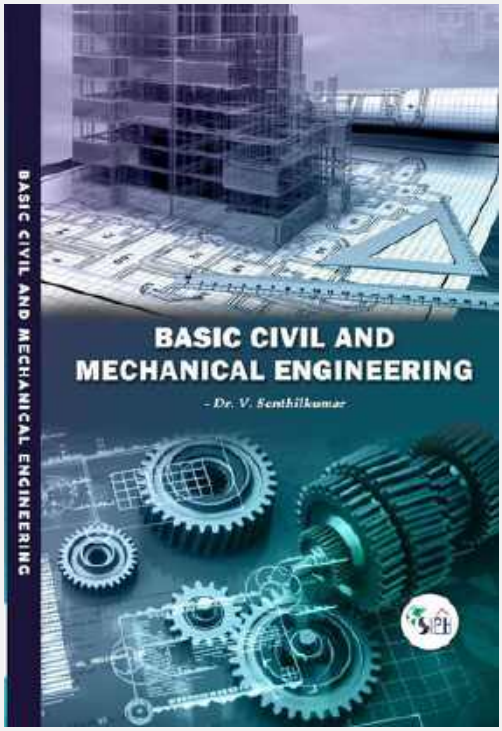
APEX SDG (and its Consortium for Eco-SDG Championship 2024 is a Facilitator for implementing Sustainable Development Goals (SDGs) in Higher Education Institutions, Industries, Corporates and Enterprises, and is registered under Ministry of Micro, Small and Medium Enterprises (MSME).

Sustainability in Industries/Corporates/Educational Institutions/Business Fraternities

Skilling through Internships **APEX SDG**

KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT



Dr. V. Senthilkumar has published an online book entitled "Basic Civil and Mechanical Engineering" with the ISBN number 978-93-6132-156-6.

The book chapters that Dr. V. Senthilkumar submitted to the "Futuristic Trends in Artificial Intelligence Volume 3 Book 12" series, which has an e-ISBN of 978-93-6252-541-3, have been successfully published with a DOI.

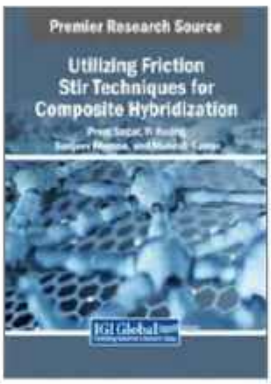
A design patent entitled "Automated Robotic Arm with AI Integration" has been successfully filed by Dr. V. Senthilkumar.

FORM 1

APPLICATION FOR REGISTRATION OF DESIGNS

[See section 5 and 44]

(For Fee see First Schedule)	
[A] Insert number of class [B] Insert (in full) address and nationality [B1] Category of applicant [Please tick (✓) for the appropriate category]	You are requested to register the accompanying Class: 15-00-Machines, not elsewhere specified and Sub-Class: 15-99-miscellaneous. in the name of: 1. Dr. V. Senthilkumar, an Indian Citizen, Address: Department of Mechanical Engineering, SRM TRP Engineering College, Irungalur, Trichy, – 621 105. 2. Mr. A. Nagadeepan, an Indian Citizen, Address: Department of Mechanical Engineering, SRM TRP Engineering College, Irungalur, Trichy, – 621 105. 3. Mr. S. Senthilkumar, an Indian Citizen, Address: Department of Mechanical Engineering, SRM TRP Engineering College, Irungalur, Trichy, – 621 105. 4. Ms.K.Aiswarya, an Indian Citizen, Address: Department of Electronics and Communication Engineering, SRM TRP Engineering College, Irungalur, Trichy, – 621 105. who claim(s) to be the proprietor(s) thereof. Natural Person (✓) Start-up ( ) Small Entity ( ) Others ()
[C] State whether drawings, photographs, tracings or specimens.	Seven exactly similar **drawings** of the desig accompany this request.
[D] Insert name of article or articles to which the design is to	The design is to be applied to "Automated Robot Arm with AI Integration".



Sustainability and Environmental Considerations in Friction Stir Processing of Hybrid Composites

V. Senthilkumar, A. Nagadeepan

Source Title: Utilizing Friction Stir Techniques for Composite Hybridization

Copyright: © 2024

Pages: 32

ISBN13: 9798369339930|ISBN13 Softcover: 9798369352229|EISBN13: 9798369339947

DOI: 10.4018/979-8-3693-3993-0.ch016

The book chapter "Sustainability and Environmental Considerations in Friction Stir Processing of Hybrid Composites" was published by Dr. V. Senthilkumar and A.Nagadeepan in the Scopus Indexed Book Series "Utilizing Friction Stir Techniques for Composite Hybridization" with the ISBN number 9798369339930. The chapter's doi is 10.4018/979-8-3693-3993-0.ch016.

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KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT

M/s. Sri Energy Valves

It is with great pleasure that we announce the placement of our four Mechanical students at the esteemed CORE company, M/s.Sir, Sri Energy Valves India P Ltd.

The HR Head informed the following four of our Mech students that they have been selected, sir, after a thorough review.

Arunkumar V Midhun Sankar V Vijay Prabhu G Arun Kumar R

Gobikrishnan K, a student of mechanical engineering, was selected by M/s. City Union Bank.

KNOWLEDGE ENHANCEMENT

ACHIEVEMENT

Materials Today Communications

Role of arc rotational speed and post-weld heat treatment on the microstructure and mechanical characteristics of 15CDV6 HSLA steel weld joints made by spin arc GMAW

Rajeshkannan G, Umar M, Deepan Bharathi Kannan T, Sathiya P, Sivakumar M

Dr. Umar has published a research article in the Journal of Materials Today Communications (Elsevier), a SCI-indexed journal with an Impact Factor of 3.7.

This is for your information that our Mechanical Engineering department Student Mr. Linkash got the chance to be a speaker and exhibitor at a 3D printing conference organized by IIT Madras and hosted by Teach2Learn.

KNOWLEDGE ENHANCEMENT

FACULTY ACHIEVEMENTS

MEASI Institute of Information Technology
No.142, Peter's Road, Royapettah,
Chennai- 600 014

DEPARTMENT OF MCA

Five days International Virtual FDP

CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms. Dr.K.UMAMAHESWARI, Associate Professor from SRM TRP Engineering College has attended Five Days International Virtual FDP on "Exploring New Frontiers in Teaching Tools, AI and Data Analytics" organized by MEASI Institute of Information Technology, Royapettah, Chennai from 29-07-2024 to 02-08-2024.

Dr. Usha M
Assistant Director / HOD

Dr. Ahmed Mudassar Ali
Director

Dr.K.Uma Maheswari, Professor of ECE department has attended five days international virtual FDP on "Exploring new frontiers in teaching tools, AI and data analytics" organized by MEASI Institute of Information Technology, Royapettai, Chennai from 29.07.2024 to 02.08.2024.

Dr.K.Uma Maheswari, Professor of ECE department has successfully completed the online course titled "Computer vision essentials" from great learning academy.

Great Learning

CERTIFICATE OF COMPLETION

Presented to

Dr.UMAMAHESWARI.K

For successfully completing a free online course

Computer Vision Essentials

Provided by

Great Learning Academy

NATIONAL INSTITUTE OF ELECTRONICS AND INFORMATION TECHNOLOGY, CALICUT

(An Autonomous Scientific Society of Ministry of Electronics and Information Technology, Government of India)

NIT Campus P.O, Calicut, Kerala – 673601

सहभागिता का प्रमाणपत्र

Certificate of Participation

This is to certify that

KRISHNA RANI .M

has participated in the below mentioned course organized by NIELIT Calicut

Machine Learning using Python

Course Duration : 10th to 14th August 2024 (5 Days/5 Hours)

Mode : Online

Certificate No: OLC 21271

Date : 27th August 2024

Training Officer

M. KRISHNA RANI, Assistant Professor of ECE department has has participated in the course " Machine Learning using Python" organised by National Institute of Electronics and Information Technology, Calicut.

KNOWLEDGE ENHANCEMENT

FACULTY ACHIEVEMENTS

M. KRISHNA RANI, Assistant Professor of ECE department has successfully completed the online course titled “Introduction to generative adversarial networks” by great learning academy.

Mrs.K.Priyadharshini, Assistant professor of ECE department has attended one weak online FDP on “Methods for Improving Higher Education Teaching Quality Using Outcome Based Education, Pedagogical Approaches and NEP 2020 (OBENEP24)” in HALDIA INSTITUTE OF TECHNOLOGY from 22.07.2024 - 26.07.2024

KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT

Aspire

Aspire Institute Awards this Certificate to

Karthick Thiyagarajan

who has successfully completed all stages of the

2024 Aspire Leaders Program

August 2024

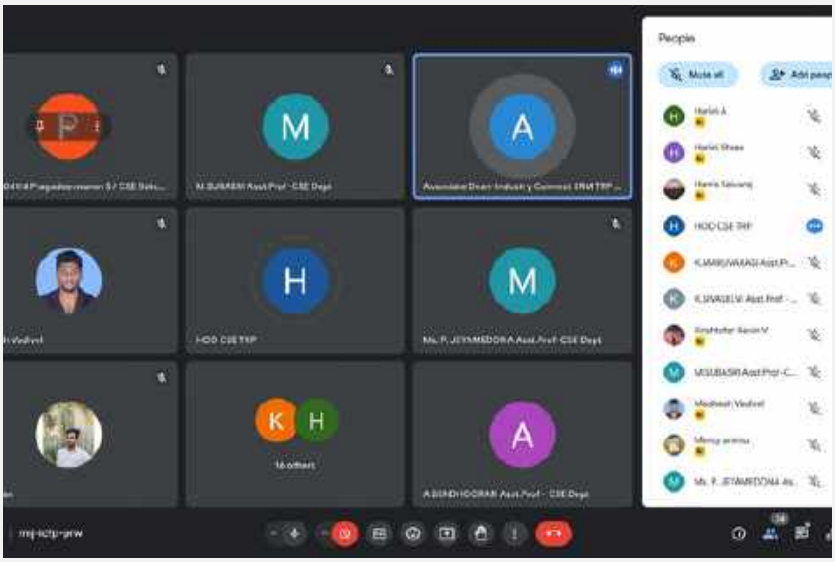
This is to certify **Karthick** has successfully completed The Aspire Leaders Program. **Karthick** has emerged from the program with increased self-confidence, sharpened critical thinking skills, refined communication skills, and a desire to create a social impact among a global community. This certificate confirms that **Karthick** completed 30 hours of coursework through the Aspire Leaders Program. May this serve as a testament to your diligent efforts and your future achievements.

Tarun Khanna
Co-Founder, Aspire Institute
Lakshmi Mittal & Family South Asia Institute Senge Peter Lecturer Professor Harvard Business School

Karim Lakhani
Co-Founder, Aspire Institute
Laboratory for Innovation Science at Harvard Dorothy and Michael Hintze Professor Harvard Business School

Karthick.T of third year ECE student has successfully completed the Aspire leader program awarded by Aspire institute.

CSE and AI&DS students attending Equadriga internship participated in a pre-internship Google Meet. Associate Dean Industry Connect Prof. Victor, CSE Industry Connect Coordinator Mr. A. Sendhooran, and faculty members shared essential guidelines and Do's and Don'ts for a successful internship experience. We extend our heartfelt thanks to Prof. Victor, Mr. Sendhooran, and faculty members for their guidance and support in preparing our students.



KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT

We are thrilled to share the wonderful news that our talented III-year AI&DS students

KOWSIK A
SAGAYA ANTRUJ J THANASRI J

have been shortlisted for a prestigious one-day IBM Industrial Visit through NAAN MUDHALVAN Scheme on August 9, 2024.

This opportunity will offer them valuable insights and experiences in the industry, preparing them for future success

🔹 Key Highlights of the Industrial Visit:

• Exposure to real-world challenges in the AI and Data Science domain.
• Interaction with experienced professionals and experts.
• Understanding of current trends and future opportunities in the industry.
• Networking with industry leaders and peers.

🎉 Kudos to all the selected students for their dedication and hard work!

The CSE department has achieved excellence with two teams advancing to the next level in a highly competitive contest, beating out 1000 other top teams and receiving ₹10,000 each. Additionally, a team led by Dr. P. Sudhakaran, comprising Ezhilmurugan, Nithishna, and Devendran, has been shortlisted among the top 50 teams for their groundbreaking project, "GIS Deep Sea Fishing Device," with a potential grant of ₹1,00,000. We extend our gratitude to the Management, Principal, Vice Principal, and Faculty members for their guidance and support.

KNOWLEDGE ENHANCEMENT

FACULTY ACHIEVEMENTS

On August 7, 2024, the Principal and Dean of Research at SRM TRP engaged with a group of Mechanical Engineering students to explore advancements in industrial robotics, electric vehicle design, and plans for setting up a startup and incubation center in the project laboratory. During the meeting, the students presented their innovative robot designs and showcased their capabilities across diverse applications.

On August 9, 2024, our Principal addressed the second-year Mechanical Engineering students of Sections A and B, highlighting key aspects of academics, curricular and co-curricular activities, and the various placement opportunities available for Mechanical Engineering students.

KNOWLEDGE ENHANCEMENT

ACTIVITIES

On August 9, 2024, , the Department Advisory Board (DAB) meeting for the academic year 2024-25 was successfully conducted. Dr. P. Sathya, Professor and Head of the Department of Production Engineering at NIT Trichy, participated as the Academic Expert, while Dr. B. Shanmugarajan, Senior Deputy Manager at WRI, BHEL Trichy, contributed as the Industry Expert for the Mechanical Engineering Department.

Venue: College Board Room

Time: 2:00 PM

On August 9, 2024, an External Academic Audit for the academic year 2024-25 was conducted. Dr. P. Sathya, Professor and Head of the Department of Production Engineering, NIT Trichy, led the academic audit for the Mechanical Engineering Department.

Venue: College Board Room

Time: 10:30 AM

KNOWLEDGE ENHANCEMENT

INDUSTRIAL VISIT

Industrial Visit Report: AMMAN-TRY Steel Plant

The Department of Mechanical Engineering organized a one-day industrial exposure visit to AMMAN-TRY Steels (P) Limited on August 27, 2024, from 10:00 AM to 4:30 PM, for second-year Mechanical Engineering students (83 participants). The visit, coordinated by Assistant Professors Mr. N. Senthilkumar, Mr. D. Manikandan, Mr. S. Senthil Kumar, and Dr. V. Lakshmanan, aimed to bridge academic learning with practical industrial insights.

Objective

The visit's primary objective was to provide students with firsthand exposure to the steel manufacturing process, covering raw material handling, production techniques, quality control measures, and distribution strategies. It sought to enhance their understanding of industry standards, safety protocols, and the role of innovation in maintaining competitiveness in the steel industry.

About AMMAN-TRY Group

Founded in 1978, AMMAN-TRY has evolved into South India's leading steel producer, with an extensive network of over 500 dealers. Known for its flagship product, AMMAN-TRY TMT Bars, the group operates two rolling mill plants in Tamil Nadu and an iron-making rolling plant in Andhra Pradesh. Renowned for quality, AMMAN-TRY is a pioneer in manufacturing TMT Bars, CRS Bars, and Ready-Made Steel Rings (RMS), earning ISO certification and ISI compliance from inception.

KNOWLEDGE ENHANCEMENT

INDUSTRIAL VISIT

Impact and Outcomes

The visit provided students with:

Practical knowledge of steel manufacturing processes

Clarity on applying theoretical concepts to real-world scenarios

Awareness of safety precautions and best practices in the industry

Skills relevant to basic manufacturing processes, enhancing curriculum learning and employability

The visit also strengthened the college's relationship with AMMAN-TRY, supporting future collaborative projects and placements. Overall, students expressed high satisfaction, rating the experience 9/10, with many keen to explore career opportunities in the steel industry.

Feedback

The students appreciated the exposure to cutting-edge manufacturing techniques and industry standards. Faculty and coordinators were commended for their dedicated efforts in organizing this insightful and well-structured visit.

KNOWLEDGE ENHANCEMENT

FACULTY ACHIEVEMENTS

REVIEW CONFIRMATION CERTIFICATE

We are pleased to confirm that

Dr. V. Senthilkumar

has reviewed 26 papers for the following MDPI journals in the period 2023-2024:

Algorithms, Mathematics, Metals, Sensors, Applied Sciences, Materials

Shu-Kun Lin

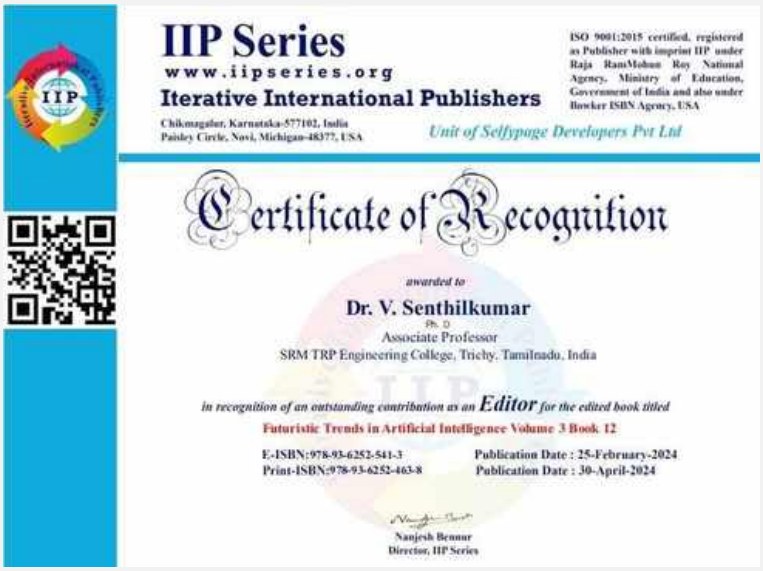
Dr. Shu-Kun Lin, Publisher and President

Basel, 7 August 2024

MDPI

Dr. V. Senthilkumar is pleased to announce that he has completed the review of a paper for the WoS/Scopus indexed journal Algorithms and has received a certificate for the same. This marks the 26th paper he has reviewed for an MDPI journal.

Dr. V. Senthilkumar is pleased to share that he has received a certificate for serving as the editor of the book series Futuristic Trends in Artificial Intelligence, Book 12, Volume 3.



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Certificate of Recognition

awarded to

Dr. V. Senthilkumar

Ph. D

Associate Professor

SRM TRP Engineering College, Trichy, Tamilnadu, India

in recognition of an outstanding contribution as an *Editor* for the edited book titled

Futuristic Trends in Artificial Intelligence Volume 3 Book 12

E-ISBN:978-93-6252-541-3 Publication Date : 25-February-2024

Print-ISBN:978-93-6252-463-8 Publication Date : 30-April-2024

Sanjesh Bennur

Director, IIP Series

ORACLE University

Oracle Certified Foundations Associate

Certificate of Recognition

Senthilkumar Vagheesan

Oracle Cloud Infrastructure 2024 Certified Foundations Associate

This certifies that the above named is recognized by Oracle Corporation as Oracle Certified.

August 09, 2024

Date

Damien Carey

Senior Vice President, Oracle University

This eCertificate is valid until August 09, 2026

Dr. V. Senthilkumar is pleased to share that he has successfully completed the Oracle Cloud Infrastructure 2024 Foundations Associate Course and obtained the certificate from Oracle, as part of the Naan Mudhalvan Faculty Development Program (FDP).

Dr. V. Senthilkumar is pleased to share the webpage for the International Conference on Advances in Science, Engineering & Technology, where he serves as a member of the International Advisory Board.

ICASET

International Advisory Committee Members

Dr.V. Senthilkumar

KNOWLEDGE ENHANCEMENT

ACTIVITIES

On August 30, 2024, our Principal addressed the third-year Mechanical Engineering students of Sections A and B, discussing important topics such as academics, curricular and co-curricular activities, and the diverse placement opportunities available for Mechanical Engineering students.

Department of Mechanical Engineering We are delighted to share that our final-year student, Gobikrishnan K (Final Year, Mechanical), has received a dream offer from M/s. City Union Bank with a CTC Package of 4.32 LPA. Hearty congratulations to Gobikrishnan for this outstanding achievement!

KNOWLEDGE ENHANCEMENT

DEPARTMENT ACTIVITIES

Code Crafters Club Organise the Special Coding Contest for Engineer's Day 2024.
On 20.09.2024 / Friday
2:20pm for II - CSE & II - AIDS.

Coding Contest : Code Genesis : Celebrating Engineer's Day - 2024
Date : 20.09.2024 / Friday / 2:20 pm
Language : C and Python
Venue : Computer Centre - 2

I would like to take a moment to express my heartfelt gratitude for your effort and leadership in organizing the recent coding contest by HoD Sir, Principal Sir and Management. Your guidance and support made this event possible in smooth execution . And I thanks to all the faculty members who are supported directly and indirectly.

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KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENTS

Our college student
V.POOJA IV CSE Secured III PLACE cash price 1000 in CM trophy at pudukottai stadium
I would like thank our management Principal Vice principal HOD CSE and staff members of CSE Department and also thank our sports co_Ordinator Head of Physical Education Department and All the HOD from various Departments to motivate and encourage the students.

Our Second year CSE 'A' and 'C' Sec students are participated in the event TECHASTRA'24 UNICRON at Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE ,MADURAVOYAL,CHENNAI and they secure 3rd prize 🏆 with cash reward in two Events..,
Totally 21 students participated in this event.

Our Second year CSE 'C' Sec students are participated in the National Level technical Symposium - TEK CLUSTER'24 at Kongunadu College of Engineering and Technology and they secure 1st prize in Paper Presentation with cash Award Rs. 3000(*S.Sivaranjani, B.Sasikala , P.Sivasri) 🏆

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KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENTS


Kongunadu

TEK CLUSTER'24

National Level Technical Symposium 2k24

CERTIFICATE

S.No.: 2024-2025/TEKCLUSTER'24/... 0004

This is to certify that Mr/Ms./Mrs. Priya Ravi of SRM TRP Engineering College has presented a paper in one day National Level Technical Symposium "TEKCLUSTER'24" organized by the Department of Artificial Intelligence and Data Science on 21st September 2024.

HOD Dean (R&D) Principal

Our Second year AI&DS students participated in the National Level technical Symposium - TEK CLUSTER'24 at Kongunadu College of Engineering and Technology our student Priyaravi secure 1st prize in ALGORITHM WARS with cash Award Rs. 500🏆

Anna University basketball zone Match

1.pooja V- IV cse

2.Anandha eswari S- IV cse

3.ponmani P- IV cse

Our college Basketball women team secured IV th place in Anna University zone14 Basketball tournament held at KRCT .


K.RAMAKRISHNAN COLLEGE OF ENGINEERING

(AN AUTONOMOUS INSTITUTION)

Samayapuram,Tiruchirappalli-621 112, TamilNadu,India.

Department of Computer Science and Engineering

CERTIFICATE

OF APPRECIATION

This certificate is proudly presented to

Priyaa Ravi, SRM TRP, Technical Quiz

For showing their amazing innovation skills and winning FIRST / ~~Second~~ / ~~Third~~ prize in the National level Technical and Gaming event - QUARTO 2k24 on 11th September 2024.

P.KASTHURI RENGAN, Event Coordinator

DR.T.M.NITHYA, HOD

DR.D.SRINIVASAN, Principal

Our Second year AI&DS students participated in the National Level technical Symposium - QUARTO'24 at K.Ramakrishnan College of Engineering and our student Priyaravi secure 1st prize in Technical Quiz with cash Award Rs. 3000🏆

KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENTS

🎓The Tamil Nadu Skill Development Corporation (TNSDC) launched the "Naan Mudhalvan Niral Thiruvizha Hackathon 2024" for final-year engineering students.(Batch 2020-24)

🎓A total of 8,486 ideas were submitted by 28,450 students from 290 institutions

🎓The grand final took place from June 25 to June 28, 2024, across six cities in Tamil Nadu

🎓Under the guidance of Dr. P. Sudhakaran, Prof &Head/CSE and the Class coordinator Mr. V. Vijeya Nathan, AP/CSE, 2024 passed out students Devendran K, Ezhil Murugan U K, and Nithishna S developed a “GIS Deep Sea Fishing device”

🎓Ezhil Murugan U K, and Nithishna S currently pursing MASTER OF SCIENCE IN TECHNOLOGY AND DESIGN (DATA SCIENCE) AT THE SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN (SUTD)

🎓The students won ₹1 lakh from Minister Udhayanidhi Stalin*Minister of Youth welfare and Sports, in addition to ₹10,000 awarded earlier

KNOWLEDGE ENHANCEMENT

WEBINAR

A International Webinar on *“Future of Machine Learning: Innovations and Applications of Generative AI” is scheduled today (24-9-24) at 1:30 PM

Resource person :
Ms Akshaya Krishnamoorthy
AI Research Engineer
Robert Bosch
France

Venue: CSE Smart class Room

Audience: III Year CSE and AI&DS Students

SRM TRP ENGINEERING COLLEGE
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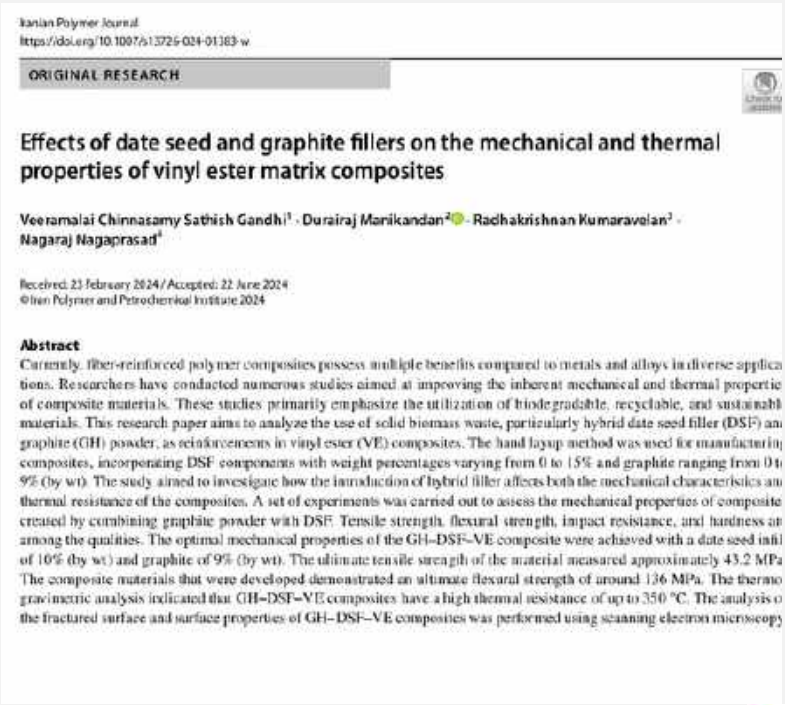
TIRUCHIRAPPALLI

KNOWLEDGE ENHANCEMENT

FACULTY ACHIEVEMENTS



Iranian Polymer Journal
https://doi.org/10.1007/s13726-024-01383-w

ORIGINAL RESEARCH

Effects of date seed and graphite fillers on the mechanical and thermal properties of vinyl ester matrix composites

Veeramalai Chinnasamy Sathish Gandhi[1] · Durairaj Manikandan[2] · Radhakrishnan Kumaravelan[3] · Nagaraj Nagaprasad[4]

Received: 23 February 2024 / Accepted: 22 June 2024
© Iran Polymer and Petrochemical Institute 2024

Abstract

Currently, fiber-reinforced polymer composites possess multiple benefits compared to metals and alloys in diverse applica tions. Researchers have conducted numerous studies aimed at improving the inherent mechanical and thermal propertie of composite materials. These studies primarily emphasize the utilization of biodegradable, recyclable, and sustainabl materials. This research paper aims to analyze the use of solid biomass waste, particularly hybrid date seed filler (DSF) an graphite (GH) powder, as reinforcements in vinyl ester (VE) composites. The hand layup method was used for manufacturin composites, incorporating DSF components with weight percentages varying from 0 to 15% and graphite ranging from 0 t 9% (by wt). The study aimed to investigate how the introduction of hybrid filler affects both the mechanical characteristics an thermal resistance of the composites. A set of experiments was carried out to assess the mechanical properties of composite created by combining graphite powder with DSF. Tensile strength, flexural strength, impact resistance, and hardness ar among the qualities. The optimal mechanical properties of the GH–DSF–VE composite were achieved with a date seed infil of 10% (by wt.) and graphite of 9% (by wt). The ultimate tensile strength of the material measured approximately 43.2 MPa The composite materials that were developed demonstrated an ultimate flexural strength of around 136 MPa. The thermo gravimetric analysis indicated that GH–DSF–VE composites have a high thermal resistance of up to 350 °C. The analysis o the fractured surface and surface properties of GH–DSF–VE composites was performed using scanning electron microscopy

"MR. D. MANIKANDAN, ALONG WITH HIS TEAM FROM THE DEPARTMENT OF MECHANICAL ENGINEERING, HAS PUBLISHED A GROUNDBREAKING STUDY TITLED 'EFFECTS OF DATE SEED AND GRAPHITE FILLERS ON THE MECHANICAL AND THERMAL PROPERTIES OF VINYL ESTER MATRIX COMPOSITES' IN THE IRANIAN POLYMER JOURNAL. THE RESEARCH EMPHASIZES INNOVATIVE ADVANCEMENTS IN BIODEGRADABLE AND SUSTAINABLE COMPOSITE MATERIALS, ACHIEVING REMARKABLE MECHANICAL AND THERMAL PROPERTIES USING HYBRID FILLERS."

"MR. D. MANIKANDAN AND HIS TEAM HAVE PUBLISHED A RESEARCH ARTICLE TITLED 'EVALUATING THE TIG WELDING PROCESS MECHANICALLY AND MICROSTRUCTURALLY IN RELATION TO WELDING PARAMETERS' IN THE PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS, PART E: JOURNAL OF PROCESS MECHANICAL ENGINEERING. THE STUDY EXPLORES OPTIMIZED TIG WELDING PARAMETERS TO ENHANCE WELD QUALITY, DURABILITY, AND ENERGY EFFICIENCY, PROVIDING VALUABLE INSIGHTS FOR INDUSTRIAL FABRICATION."

Original article

Institution of MECHANICAL ENGINEERS

Proc IMechE Part E: J Process Mechanical Engineering 1–13 © IMechE 2024 Article reuse guidelines: sagepub.com/journals-permissions DOI: 10.1177/09544089241283414 journals.sagepub.com/home/pie

Sage

Evaluating the TIG welding process mechanically and microstructurally in relation to welding parameters

Brucely Yesudhasan[1], D Deena Rose[2], C Ramesh Kannan[1], D Manikandan[1] and N Senthilkumar[1]

Abstract

The exceptional mechanical qualities of super martensitic stainless steel have led to its widespread use in structural components subjected to cyclic loadings. The Tungsten Inert Gas (TIG) welding process, an essential technology for modern industrial fabrication, offers potential improvements in weld quality through precise parameter adjustments. This study investigates the effects of varying TIG welding parameters, specifically welding speed (S), welding current (I), voltage (V), and gas flow rate (GFR). Parameters were explored within the ranges of 50–150 mm/min for welding speed, 10–20 volts for voltage, 90–160 amperes for welding current, and 8–20 l/min for gas flow rate. Using response surface methodology (RSM), we identified optimized values of 120 mm/min for welding speed, 15 volts, 140 amperes, and 15 l/min for gas flow rate, which significantly enhance the strength and quality of welds. Mechanical testing such as tensile and hardness tests along with bead profiles and microstructural characterization were conducted to validate the strength and integrity of the welds under these optimized conditions. The findings suggest that, compared to baseline settings, optimizing both energy use and welding quality not only conserves resources but also improves the durability and performance of welded joints. SEM analysis of AISI 410 S SMSS weldment reveals grain boundaries, 42% ferrite in elongated bands, 44% delta ferrite phase of martensite, and scattered globular Cr_2C_3, indicating a complex microstructure with mixed phases.

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materialstoday COMMUNICATIONS

Recommended articles

Microstructure and corrosion characteristics of AA5083 alloy weld beads produced by GTAW and SpinArc-

DR. UMAR IS PLEASED TO SHARE THAT OUR RESEARCH ARTICLE HAS BEEN PUBLISHED IN MATERIALS TODAY: COMMUNICATIONS (ELSEVIER), A HIGHLY REGARDED SCI-INDEXED JOURNAL WITH AN IMPACT FACTOR OF 3.7.

SRM TRP ENGINEERING COLLEGE
Affiliated to ANNA UNIVERSITY
TIRUCHIRAPPALLI

KNOWLEDGE ENHANCEMENT

ACTIVITIES

GREETINGS FROM SRM TRP ENGINEERING COLLEGE!
THE MANAGEMENT, PRINCIPAL, FACULTY, STAFF, AND STUDENTS OF SRM TRP ENGINEERING COLLEGE CORDIALLY INVITE YOU TO THE B.E/B.TECH. FIRST YEAR INAUGURAL FUNCTION 2024.
DATE: 12TH SEPTEMBER 2024
TIME: 10:30 AM
VENUE: SRM AUDITORIUM
CHIEF GUEST:
MS. RAJALAKSHMI SRINIVASAN
DIRECTOR - PRODUCT MANAGEMENT,
ZOHO CORPORATION, CHENNAI
GUEST OF HONOR:
MR. CHANDAN PRAMANIK
DIRECTOR - MATHWORKS

SRM TRP ENGINEERING COLLEGE IS PLEASED TO ANNOUNCE THAT OUR STUDENTS SECURED THIRD PLACE IN THE ANNA UNIVERSITY ZONE 14 CRICKET MATCH HELD AT KONGUNADU ENGINEERING COLLEGE, THOTTIYAM.
HEARTIEST CONGRATULATIONS TO THE STUDENTS FOR THEIR OUTSTANDING ACHIEVEMENT!

DR. V. SENTHILKUMAR IS PLEASED TO ANNOUNCE THAT HE COMPLETED THE REVIEW OF A PAPER FOR THE SCI/SCOPUS-INDEXED JOURNAL CRYSTALS AND HAVE RECEIVED A CERTIFICATE FOR THE SAME. THIS MARKS THE 28TH PAPER HE REVIEWED FOR AN MDPI JOURNAL.

SRM TRP ENGINEERING COLLEGE
Affiliated to ANNA UNIVERSITY
TIRUCHIRAPPALLI

KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT

OUR CIVIL ENGINEERING STUDENTS HAVE WON THE *FIRST PRIZE AND RECEIVED CASH AWARD* FOR PAPER PRESENTATION IN NATIONAL LEVEL TECHNICAL SYMPOSIUM HELD ON 21 SEPTEMBER 2024 AT KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY.

OUR HEARTY CONGRATULATIONS TO THE WINNERS

1. ARUL KUMARAN K , III - CIVIL
2. PONHARIHARAN A , III - CIVIL
3. SANGEETHA A , II - CIVIL

Kongunadu

TEKCLUSTER'24

TEK CLUSTER'24

National Level Technical Symposium 2k24

CERTIFICATE

S.No.: 2024-2025/TEKCLUSTER'24/01

This is to certify that Mr./Ms./Mrs. ARUL KUMARAN K of SRM TRP ENGINEERING COLLEGE has won the First/~~Second~~/~~Third~~ Place in the Event / Paper Presentation on AI IN CIVIL ENGINEERING in one day National Level Technical Symposium "TEKCLUSTER'24" organized by the Department of CIVIL ENGINEERING on 21st September 2024.

HOD Dean (R&D) Principal

Kongunadu

TEKCLUSTER'24

TEK CLUSTER'24

National Level Technical Symposium 2k24

CERTIFICATE

S.No.: 2024-2025/TEKCLUSTER'24/02

This is to certify that Mr./Ms./Mrs. PONHARIHARAN A of SRM TRP ENGINEERING COLLEGE has won the First/~~Second~~/~~Third~~ Place in the Event / Paper Presentation on AI IN CIVIL ENGINEERING in one day National Level Technical Symposium "TEKCLUSTER'24" organized by the Department of CIVIL ENGINEERING on 21st September 2024.

HOD Dean (R&D) Principal

KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT

OUR CIVIL ENGINEERING STUDENTS HAVE WON THE *SECOND PRIZE AND RECEIVED CASH AWARD* FOR PAPER PRESENTATION IN NATIONAL LEVEL TECHNICAL SYMPOSIUM HELD ON 27 SEPTEMBER 2024 AT ROEVER ENGINEERING COLLEGE , PERAMBALUR.

OUR HEARTY CONGRATULATIONS TO THE WINNERS

1. ARUL KUMARAN K , III - CIVIL

ROEVER ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
(Inclusion under section 2(f) and 12(B) of the UGC Act, 1956)
Elambalur, Perambalur – 621 220

TECHNO AVENIR - 2K24

Certificate

This is to certify that Mr/Ms. K. ARUL KUMARAN / III / CIVIL
of SRM TRP ENGINEERING COLLEGE
has participated / presented in the event of PAPER PRESENTATION
ARTIFICIAL INTELLIGENCE IN CIVIL INDUSTRIES
in the **National Level Technical Symposium TECHNO AVENIR - 2k24 (ROEVER TECHNO MEET - 2K24)** held at Roever Engineering College on **27.09.2024** and He/She was awarded for SECOND place.

COORDINATOR CONVENOR PRINCIPAL

KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT

OUR CIVIL ENGINEERING STUDENTS HAVE WON THE *SECOND PRIZE AND RECEIVED CASH AWARD* FOR POSTER PRESENTATION IN NATIONAL LEVEL TECHNICAL SYMPOSIUM HELD ON 27TH SEPTEMBER 2024 AT ROEVER ENGINEERING COLLEGE , PERAMBALUR.

OUR HEARTY CONGRATULATIONS TO THE WINNERS

1. PRIYADHARSHINI S , III - CIVIL

ROEVER ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
(Inclusion under section 2(f) and 12(B) of the UGC Act, 1956)
Elambalur, Perambalur – 621 220

TECHNO AVENIR - 2K24

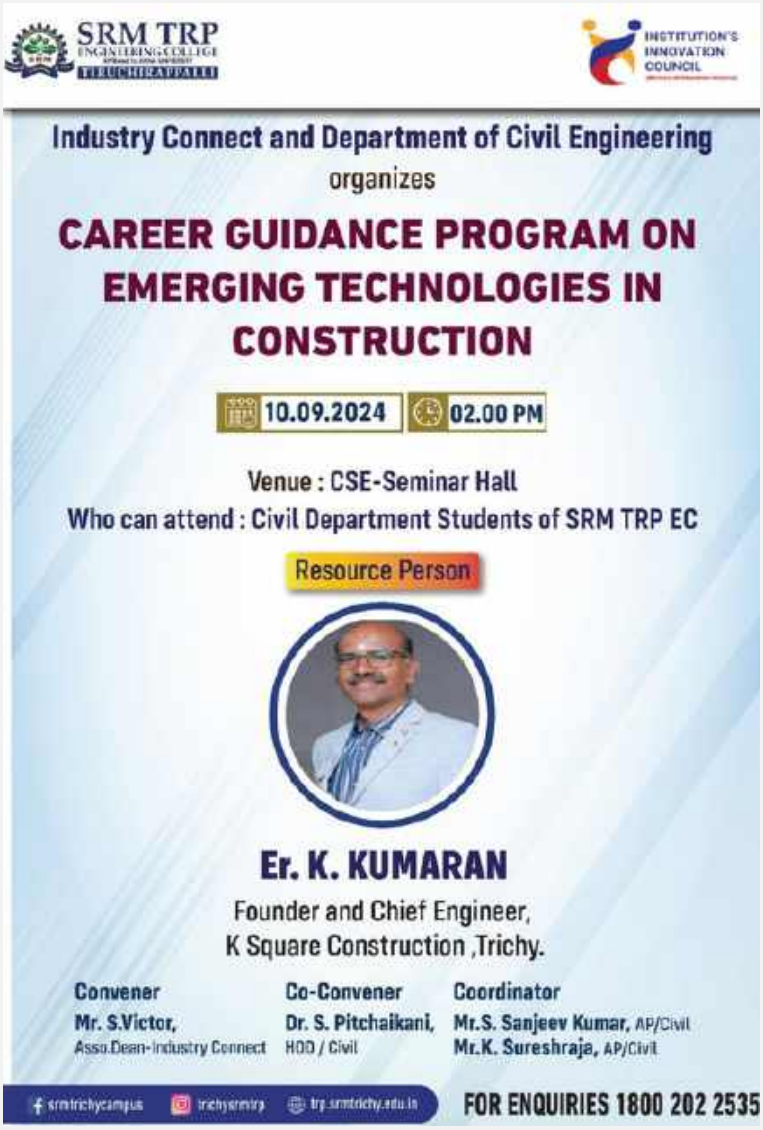
Certificate

This is to certify that Mr/Ms S PRIYADHARSHINI III CIVIL
of SRM TRP ENGINEERING COLLEGE
has participated / presented in the event of POSTER PRESENTATION
SOLID WASTE MANAGEMENT
in the National Level Technical Symposium TECHNO AVENIR - 2k24 (ROEVER TECHNO MEET - 2K24) held at Roever Engineering College on 27.09.2024 and He/She was awarded for SECOND place

COORDINATOR CONVENOR PRINCIPAL

KNOWLEDGE ENHANCEMENT

ACTIVITIES



- As scheduled, 10th September 2024, eminent builder for the past 35 years & CREDAI Association President Er.Kumaran sir addressed our enthusiastic budding Civil technocrats for more than 70 minutes about the emerging technologies in Civil Engg domain .
- All the curious students keenly observed his informative deliberations and took alot of valuable insights.
- Many anxious students interacted with the technocrat and assured of concentrating in the skill enrichment
- Such informative sessions will give a platform for our students to connect themselves with the prevailing corporate scenario

KNOWLEDGE ENHANCEMENT

ACTIVITIES

ON 22ND OCTOBER 2024, A GROUP OF FACULTY MEMBERS FROM THE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING (EEE) VISITED HIGH ENERGY BATTERIES (INDIA) LTD. , LOCATED IN TRICHY, TAMIL NADU. THIS INDUSTRIAL VISIT WAS PART OF OUR ONGOING INITIATIVE TO BRIDGE THE GAP BETWEEN ACADEMIA AND INDUSTRY, AND TO PROVIDE FACULTY WITH VALUABLE EXPOSURE TO CUTTING-EDGE MANUFACTURING PROCESSES AND TECHNOLOGIES IN THE FIELD OF HIGH-TECH BATTERY MANUFACTURING.

KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT

SRM TIRUCHIRAPPALLI

TECH SPECTRUM '24

INSPIRE IGNITE INNOVATE

INSTITUTION'S INNOVATION COUNCIL

CERTIFICATE

OF PARTICIPATION

This certificate is presented to

Mohamed Shah S

Of SRM TRP Engineering college

Who has Successfully participated in Marathon

held on 25th October 2024, organized by Techspectrum24

at SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

R Surendar
Manager Incubation and Innovation

Dr. R Jagdeesh Kanan
Dean FET, SRM IST, Tiruchirappalli

MOHAMED SHAH S FROM THE DEPARTMENT OF EEE HAS PARTICIPATED IN MARATHON ON 25/10/2024 ORGANIZED BY TECHSPECTRUM24, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

ANNA UNIVERSITY

CERTIFICATE NO 241577

ANNA UNIVERSITY SPORTS BOARD
CHENNAI - 600 025

INTER-ZONAL TOURNAMENTS 2024 - 2025
CERTIFICATE OF MERIT

This is to certify that Mohamed Shah S son/daughter of Sherif Y I M Register no [illegible] Year II Branch EEE College SRM TRP Engineering College Zone ..... was a member of ..... team secured ~~First/Second~~/Third Position in the Anna University Inter-Zonal Tournaments 2024 - 2025 held at Stella Mary's College of Engineering Nagercoil from 09-10-2024 to 10-10-2024 Event Taekwondo (men) Classification under 58 kg

PROGRESS THROUGH KNOWLEDGE

SECRETARY
Anna University Sports Board

CHAIRMAN
Anna University Sports Board

MOHAMED SHAH S FROM THE DEPARTMENT OF EEE HAS SECURED THIRD POSITIONN IN TACKWONDO(MEN) FROM 09/10/2024 TO 10/10/2024 ORGANIZED BY TECHSPECTRUM24, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT

K.RAMAKRISHNAN COLLEGE OF TECHNOLOGY
An Autonomous Institution
INCUBATING MINDS CATALYZING CAREERS

Certificate of Participation

This certificate is presented to Mr./Ms. CHANDRALEKA G
who has actively participated in the **Festronix' 2K24** -A National Level Technical Symposium, organized by the Department of EEE on 25/10/2024.

Events: PAPER PRESENTATION , TECHNOJAM & MUZICA

Coordinator HoD Convenor Principal

CHANDRALEKA G FROM THE DEPARTMENT OF EEE HAS PARTICIPATED IN FESTRONIX 2K24, A NATIONAL LEVEL SYMPOSIUM ON 25/10/2024 ORGANIZED BY K.RAMAKRISHNA COLLEGE OF TECHNOLOGY, TRICHY

SRM TRICHIRAPPALLI

TECH SPECTRUM '24
INSPIRE IGNITE INNOVATE

INSTITUTION'S INNOVATION COUNCIL

CERTIFICATE OF PARTICIPATION

This certificate is presented to

V. Gokul

Of SRM TRP Engineering college

Who has Successfully participated in Marathon
held on 25th October 2024, organized by Techspectrum24
at SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

R Surendar
Manager Incubation and Innovation

Dr. R Jagdeesh Kanan
Dean FET, SRM IST, Tiruchirappalli

V.GOKUL FROM THE DEPARTMENT OF EEE HAS PARTICIPATED IN MARATHON ON 25/10/2024 ORGANIZED BY TECHSPECTRUM24, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT

V.GOKUL FROM THE DEPARTMENT OF EEE HAS PARTICIPATED IN CLOUDCRAFT ON 25/10/2024 ORGANIZED BY AEROINNOVATORS, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

V.GOKUL FROM THE DEPARTMENT OF EEE HAS COMPLETED THE COURSE DESCRIBE MICROSOFT COPILOT FOR SECURITY ON 15/10/2024 ORGANIZED BY MIC4ROSOFT

ARJUN S FROM FINAL YEAR EEE SELECTED IN INFOSYS AS SYSTEMS ENGINEER WITH 3.6 LPA.

KNOWLEDGE ENHANCEMENT

ACTIVITIES

SRM INSTITUTIONS SIGN LANDMARK MOU WITH KONE ELEVATORS

WE ARE DELIGHTED TO ANNOUNCE THAT SRM GROUP OF INSTITUTIONS, COMPRISING EASWARI ENGINEERING COLLEGE (EEC) AND SRM TRP ENGINEERING COLLEGE (TRPEC), HAS ENTERED INTO A LANDMARK MEMORANDUM OF UNDERSTANDING (MOU) WITH KONE ELEVATORS, A GLOBALLY RENOWNED CORE MNC BASED IN CHENNAI.

THE OCCASION WAS HONORED BY THE PRESENCE OF OUR HONORABLE CHAIRMAN, WHOSE VISIONARY LEADERSHIP CONTINUES TO DRIVE OUR INSTITUTIONS TO NEW HEIGHTS. THE EVENT ALSO FEATURED MEANINGFUL DISCUSSIONS WITH:

SHRI. SARAVANAN, DIRECTOR - HR

MR. ARUMUGAM, GENERAL MANAGER - HR (AND A MEMBER OF OUR GOVERNING COUNCIL)

MR. PRADEEP, HR HEAD

HIGHLIGHTS OF THE MOU:

THIS COLLABORATION OFFERS IMMENSE BENEFITS FOR OUR STUDENTS AND FACULTY, INCLUDING:

INTERNSHIPS

GUEST LECTURES

INDUSTRY VISITS

CONSULTANCY OPPORTUNITIES

IN-PLANT TRAINING

PROJECT GUIDANCE

PLACEMENT ASSISTANCE

THIS STRATEGIC PARTNERSHIP FURTHER STRENGTHENS THE BRIDGE BETWEEN ACADEMIA AND INDUSTRY, ENSURING THAT OUR STUDENTS ARE WELL-EQUIPPED FOR FUTURE CHALLENGES.

WE EXTEND OUR HEARTFELT GRATITUDE TO OUR HONORABLE CHAIRMAN FOR HIS DYNAMIC LEADERSHIP AND UNWAVERING COMMITMENT TO EXCELLENCE. THIS IS YET ANOTHER REMARKABLE ACHIEVEMENT UNDER HIS GUIDANCE.

KNOWLEDGE ENHANCEMENT

ACTIVITIES

PRE-PLACEMENT TALK BY V DART SOFTWARE – HIGHLIGHTS

WE ARE PLEASED TO SHARE UPDATES FROM THE PRE-PLACEMENT TALK SESSION CONDUCTED BY V DART SOFTWARE, A USA-BASED SOFTWARE MNC WITH OVER TWO DECADES OF GLOBAL EXCELLENCE.

AS SCHEDULED, THE TALENT ACQUISITION TEAM ENGAGED OUR STUDENTS IN AN INSIGHTFUL 90-MINUTE SESSION AT THE AUDITORIUM. THEY SHOWCASED:

THE ORGANIZATION'S PROFILE

SELECTION PROCESS

CAREER GROWTH OPPORTUNITIES

GLOBAL PRESENCE AND ACHIEVEMENTS

THE SESSION CONCLUDED WITH ASPIRING STUDENTS INTERACTING DIRECTLY WITH THE HR TEAM, EXPRESSING KEEN INTEREST IN JOINING THIS ESTEEMED ORGANIZATION, WHICH HAS BEEN RECRUITING FROM OUR INSTITUTION SINCE 2013.

GREETINGS FROM SRM TRP ENGINEERING COLLEGE, TIRUCHIRAPPALLI!

DEPARTMENT OF MECHANICAL ENGINEERING ORGANIZES SEMINAR ON "OPTIMIZATION TECHNIQUES IN NON DESTRUCTIVE TESTING FOR IMPROVED ACCURACY AND EFFICIENCY "

RESOURCE PERSON: DR. A. NAGADEEPAN, ASSISTANT PROFESSOR, MECHANICAL ENGINEERING, SRM TRP ENGINEERING COLLEGE, TRICHY.

DATE: 11.11.2024

TIME: 02:00 PM TO 03:00 PM.

VENUE : MECHANICAL SEMINAR HALL/ 2ND FLOOR / BLOCK-1

CONVENOR

DR.G.PAULRAJ HOD/ MECHANICAL

KNOWLEDGE ENHANCEMENT

ACTIVITIES

CAMPUS RECRUITMENT SUCCESS: TVS SUNDARAM FASTENERS LTD.

WE ARE THRILLED TO ANNOUNCE THAT 105 STUDENTS HAVE BEEN SUCCESSFULLY PLACED IN TVS SUNDARAM FASTENERS LTD., CHENNAI, THROUGH THE LATEST CAMPUS RECRUITMENT DRIVE.

DEPARTMENT-WISE PLACEMENTS:

ECE: 53

MECHANICAL: 38

EEE: 14

RECRUITMENT PROCESS:

EARLIER, 237 STUDENTS FROM CIRCUIT AND MECHANICAL BRANCHES PARTICIPATED IN THE RIGOROUS SELECTION PROCESS, WHICH INCLUDED:

TECHNICAL WRITTEN TEST

TECHNICAL INTERVIEW

HR INTERVIEW

THE SELECTED STUDENTS HAVE BEEN OFFERED A PACKAGE OF ₹2.25 LPA AND WILL JOIN DUTY AFTER THEIR 7TH-SEMESTER EXAMS, SIMULTANEOUSLY COMPLETING THEIR 8TH-SEMESTER PROJECTS AT THIS PRESTIGIOUS CORE COMPANY.

CONGRATULATIONS TO OUR STUDENTS!

KNOWLEDGE ENHANCEMENT

ACTIVITIES

CAMPUS RECRUITMENT SUCCESS: DELPHI TVS TECHNOLOGIES LTD.

WE ARE DELIGHTED TO SHARE THAT 180 STUDENTS HAVE BEEN SUCCESSFULLY PLACED IN DELPHI TVS TECHNOLOGIES LTD., CHENNAI, A PRESTIGIOUS CORE COMPANY UNDER THE 150+ YEAR LEGACY OF THE TVS GROUP.

PLACEMENT HIGHLIGHTS:

TOTAL OFFERS: 180

ECE: 93

MECHANICAL: 58

EEE: 29

PACKAGE: ₹2.40 LPA

KNOWLEDGE ENHANCEMENT

ACTIVITIES

EXPOSURE VISIT TO HIGH ENERGY BATTERIES (HEB), TRICHY

AS PART OF OUR CONTINUOUS EFFORT TO PROVIDE REAL-WORLD EXPOSURE TO OUR STUDENTS, MECHANICAL AND EEE DEPARTMENTS ORGANIZED A VISIT TO HIGH ENERGY BATTERIES (HEB), TRICHY, A LEADING COMPANY SPECIALIZING IN BATTERY MANUFACTURING.

VISIT HIGHLIGHTS:

MECHANICAL DEPARTMENT:

FINAL-YEAR MECHANICAL STUDENTS, CURRENTLY STUDYING THE ELECTIVE "BATTERY STORAGE DEVICES" IN THEIR 7TH SEMESTER, HAD THE OPPORTUNITY TO WITNESS THE REAL-TIME MANUFACTURING PROCESS OF LEAD-ACID BATTERIES ON THE SHOP FLOOR. THIS HANDS-ON EXPERIENCE BRIDGED THE GAP BETWEEN THEORETICAL KNOWLEDGE AND PRACTICAL APPLICATION.

KEY LEARNING OUTCOMES:

A COMPREHENSIVE UNDERSTANDING OF THE MANUFACTURING PROCESSES FOR VARIOUS TYPES OF BATTERIES.

INSIGHTS INTO THE APPLICATIONS OF BATTERIES IN CRITICAL SECTORS LIKE DRDO AND DEFENSE INDUSTRIES.

AN OVERVIEW OF CUTTING-EDGE PROJECTS, INCLUDING THE DEVELOPMENT OF VANADIUM REDOX BATTERIES AND A HYDROGEN GENERATION UNIT.

KNOWLEDGE ENHANCEMENT

FACULTY ACHIEVEMENTS

KNOWLEDGE ENHANCEMENT

STUDENT ACHIEVEMENT

THIRD-YEAR MECHANICAL STUDENTS PARTICIPATE IN HACKATHON AT PSG ITECH

WE ARE PROUD TO ANNOUNCE THAT THIRD-YEAR MECHANICAL ENGINEERING STUDENTS—MR. NAVEENKUMAR, MR. SAJSHANTH, AND MR. SANTHOSH—PARTICIPATED IN A HACKATHON ORGANIZED BY ADROIT TECHNOLOGY, THE TRAINING PARTNER OF NAAN MUDHALVAN, AT PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH (PSG ITECH).

THIS EVENT PROVIDED A PLATFORM FOR STUDENTS TO SHOWCASE THEIR PROBLEM-SOLVING SKILLS AND CREATIVITY IN TECHNOLOGY-DRIVEN CHALLENGES, AND OUR STUDENTS REPRESENTED OUR INSTITUTION WITH GREAT ENTHUSIASM.

WE COMMEND THEM FOR THEIR PARTICIPATION AND DEDICATION TO EXCELLENCE!

SUCCESSFUL COMPLETION OF WEBINAR: "GLOBAL PERSPECTIVES ON INDUSTRY TRENDS & INNOVATION"

WE ARE DELIGHTED TO ANNOUNCE THE SUCCESSFUL COMPLETION OF THE WEBINAR TITLED "GLOBAL PERSPECTIVES ON INDUSTRY TRENDS & INNOVATION", HELD ON 22ND NOVEMBER 2024.

WE EXPRESS OUR HEARTFELT GRATITUDE TO OUR HONORABLE CHAIRMAN SIR AND CO-CHAIRMAN SIR FOR THEIR CONTINUED SUPPORT AND ENCOURAGEMENT. OUR SINCERE THANKS ALSO GO TO THE RESPECTED CHIEF DIRECTOR, DIRECTOR (ADMISSIONS), DEAN (ADMIN), DEAN (A&R), DEAN (ACADEMICS), GM MADAM, PRINCIPAL SIR, AND HOD FOR THEIR UNWAVERING BACKING AND CONTRIBUTION TO THE SUCCESS OF THIS EVENT.

A SPECIAL THANK YOU TO OUR DISTINGUISHED ALUMNUS, MR. S. ABDUL JALEEL, FOR DELIVERING AN INSIGHTFUL SESSION FILLED WITH VALUABLE INDUSTRY TRENDS AND REAL-WORLD INNOVATIONS. HIS EXPERTISE AND PERSPECTIVES OFFERED INVALUABLE KNOWLEDGE AND INSPIRATION.

KNOWLEDGE ENHANCEMENT

ACTIVITIES

INDUSTRY VISIT TO ASHOK LEYLAND LTD., HOSUR

ON 23.10.2024, WE HAD A MEMORABLE AND ENRICHING EXPERIENCE AS 20 FACULTY MEMBERS FROM OUR INSTITUTION VISITED THE ASHOK LEYLAND LTD. UNIT 2, HOSUR.

OUR TEAM ARRIVED AT THE FACTORY PREMISES AROUND 11:45 AM, WHERE WE WERE WARMLY WELCOMED. THE SENIOR LEADERSHIP, INCLUDING THE PRODUCTION HEADS AND R&D HEADS, CONDUCTED AN INFORMATIVE SESSION THAT COVERED THE COMPANY'S PROFILE, TECHNICAL ASPECTS OF THE AUTOMOBILE SECTOR, THE UNIQUE QUALITIES OF ASHOK LEYLAND'S PRODUCTS, THEIR MILESTONES, GLOBAL EXPORTS, CSR ACTIVITIES, AND EMPLOYMENT OPPORTUNITIES. THIS SESSION LASTED FOR ABOUT 45 MINUTES.

OUR FACULTY MEMBERS ACTIVELY ENGAGED WITH THE EXPERTS, ASKING INSIGHTFUL QUESTIONS ABOUT THE TECHNICALITIES INVOLVED IN ASHOK LEYLAND'S PRODUCTS, WHICH WERE ANSWERED THOROUGHLY BY THE EMINENT ENGINEERS AT THE COMPANY.

AFTER LUNCH, AROUND 2:15 PM, WE TOURED THE MASSIVE FACTORY PREMISES. THE ASSEMBLY PROCESS, FROM CHASSIS TO FINAL TRUCKS, LORRIES, MCVS, AND LCVS, WAS A VISUAL TREAT, AND ALL FACULTY MEMBERS WERE HIGHLY IMPRESSED BY THE DETAILED EXPLANATIONS PROVIDED BY THE TECHNICAL TEAM.

IN THE BAY 3 ASSEMBLY SECTION, WE HAD THE PRIVILEGE OF MEETING TWO OF OUR PROUD EEE ALUMNI, MR. PALANIVEL AND MR. SYED NAIZER SHAH, WHO WERE PLACED AT ASHOK LEYLAND THROUGH OUR CAMPUS RECRUITMENT TWO YEARS AGO. IT WAS A PROUD MOMENT FOR US, AS THEY SHARED THEIR EXPERIENCES, AND OUR PRINCIPAL SIR AND FACULTY MEMBERS WISHED THEM CONTINUED SUCCESS IN THEIR CAREERS.

THE VISIT CONCLUDED WITH A SESSION AT THE LEARNING & DEVELOPMENT CENTRE, WHERE THE DGM-HR, SENIOR MANAGER-HR, AND MANAGER-HR ADDRESSED THE TEAM ABOUT EMERGING TECHNOLOGIES, THE SKILL SETS REQUIRED FOR RECRUITMENT, AND PROBLEM STATEMENTS FOR MUTUAL GROWTH.

SRM TRP ENGINEERING COLLEGE

Affiliated to ANNA UNIVERSITY

TIRUCHIRAPPALLI

COUNCELLING CODE : 3795

SRM TRP ENGINEERING COLLEGE

(SRM GROUP)

IRUNGALUR - 621105, MANNACHANALLUR - TALUK,
TIRUCHIRAPPALLI, TAMILNADU

PHONE : 0431 - 2258681, 2258947

https://trp.srmtrichy.edu.in/

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