

# NEWSLETTER

Vol. No. 13 - No. 3

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## SRM Valliammai Engineering College

(An Autonomous Institution)



ENGINEERING | TECHNOLOGY | MANAGEMENT | R&D



## Silver Jubilee Celebrations



## Department of Civil Engineering

Dr.G.R.Iyappan, Assistant Professor (Sr.Gr), Department of Civil Engineering attended 1st International Conference on 'Advance Engineering Research, Innovation and Trends' organised by MJR College of Engineering and Technology, Piler, Chittoor District, Andhra Pradesh on 28<sup>th</sup> July 2024.

Civil Engineering student's team IDS24 was shortlisted in an internal hackathon to participate in Smart India Hackathon 2024.

The Department of Civil Engineering of SRM Valliammai Engineering College in association with The Institution of Engineers (India), Tamilnadu State Centre - SRMVEC Students Chapter organised IE(I) sponsored two-day All India workshop on 'Perspectives of Bacterial Concrete and other sustainable construction Materials' on 30<sup>th</sup> & 31<sup>st</sup> July, 2024. The workshop was successfully inaugurated by Dr.Karthikeyan, TNSC Chairman. It was organised by Dr. D. Elango, Professor & Head, Department of Civil Engineering and Dr. A. Leema Rose, Professor & Head, Department of Agricultural Engineering. Dr.S.Suresh Babu was the co-ordinator of the event. Totally 96 students from various colleges participated actively in the Workshop.



All India workshop on 'Perspectives of Bacterial Concrete and other sustainable construction Materials'

Dr. D.Elango, Professor & Head, Department of Civil Engineering delivered a Guest lecture titled 'Applications of Sustainable Materials' in the All India Seminar on Trends in Aviation (Civil & Defence) organised by The Institution of Engineers (India), Tamilnadu State Centre on 30<sup>th</sup> August 2024.



Guest lecture titled 'Applications of Sustainable Materials'

The Department of Civil Engineering in association with the Institution of Engineers (India), Indian Society for Technical Education, Institution's Innovation Council, Internal Quality Assurance Cell and Industry-Institute Partnership Cell organised a Guest lecture on 'Recent Advances in Structural Engineering' on 2<sup>nd</sup> September 2024. The session was handled by Dr.P.Sangeetha, Associate Professor, Department of Civil Engineering, SSN College of Engineering, Chennai. Around 85 Civil Engineering students from our institution participated.



Guest lecture on 'Recent Advances in Structural Engineering'

The Department of Civil Engineering in association with the Institution of Engineers (India), Indian Society for Technical Education, Institution's Innovation Council, Internal Quality Assurance Cell and Industry-Institute Partnership Cell organised a Guest lecture on 'Tensile Structures in Architecture' on 16<sup>th</sup> September 2024. The session was handled by Ar.S.Babjee, Proprietor & Principal Architect, Vernacular Building Solutions (OPC) Pvt Ltd, Chennai. Around 80 Civil Engineering students from our institution participated.



Guest lecture on 'Tensile Structures in Architecture'

Mr.N.Vinoth Kumar - Assistant Professor, completed NPTEL course 'Patent Drafting for Beginners' and emerged as a topper with Elite certification.

Mr. Shaik Mohammad Mustak, final year Civil Engineering student won gold medal in the Anna University Zone IV - Ball badminton Men Tournament held on September 2024.

Mr. Santhosh Raja final year Civil Engineering student won gold medal in the Anna University Zone IV - Football Men Tournament held on Sept. 2024.

Civil Engineering students went on an industrial visit to open day celebration at CSIR - Structural Engineering Research Centre, Taramani on 26<sup>th</sup> September 2024.



Industrial visit to CSIR - Structural Engineering Research Centre, Taramani

## Department of Agricultural Engineering

The Department of Agricultural Engineering of SRM Valliammai Engineering College, in association with The Institution of Engineers (India), Tamilnadu State Centre - SRMVEC Students Chapter organised a two-day All India Seminar on 'Advanced Technologies in Agriculture for Sustainable Development and Its Applications' on 1<sup>st</sup> & 2<sup>nd</sup> August, 2024. The Seminar was successfully organised by Dr. D. Elango, the Head of Civil Engineering Department and Dr. A. Leema Rose, the Head of Agricultural Engineering Department. Ms. P. Dhivya and Mr. R. Dinesh were the co-ordinators of the event. Totally 110 students from various colleges participated in the event.



A two-day All India Seminar on 'Advanced Technologies in Agriculture for Sustainable Development and Its Applications'

The Department of Agricultural Engineering, in association with the Institution of Engineers (India), Indian Society for Technical Education, Institution's Innovation Council and Industry-Institute Partnership Cell organised a school event on 'Empowering Agriculture through Engineering Innovation' on 16<sup>th</sup> August 2024. Students from St. Joseph Matric Higher Secondary School participated in this event and got insights about seed varieties.



School event on 'Empowering Agriculture through Engineering Innovation'

The Department of Agricultural Engineering, in association with the Institution of Engineers (India), Indian Society for Technical Education, Institution's Innovation Council and Industry-Institute Partnership Cell organised a guest lecture on 'Advance Packing Technology in Dairy Industry' on 20<sup>th</sup> September 2024. The keynote speaker for the session was Mr.N.Karpoora Sundara Pandian, Assistant Professor, Department of Food Trade and Business Management, College of Food and Dairy Technology, Koduvli.



Guest lecture on 'Advance Packing Technology in Dairy Industry'

Dr.N.Vairam, Assistant Professor, Department of Agricultural Engineering guided the project titled 'Design of Sensor based Mulberry Pruner Cum Harvester' for Final year Agriculture Engineering students and the project got approved by Tamilnadu State Council for Science and Technology (TNSCST) for funding under Students Project Scheme 2023-2024.

Two Agricultural Engineering student teams named KNVS Crew and SLEEK API got shortlisted in internal hackathon to participate in Smart India Hackathon 2024.

### EDITORIAL

The Chief Editor : **Dr. B. Chidambara Rajan**, Director, SRMVEC  
 Editor : **Dr. M. Murugan**, Principal, SRMVEC  
**Dr. M. Chithra**, Asst. Prof. (Sr.G), Head, Dept. of English  
**Ms. S. Roshan Fathima**, Asst. Prof. (O.G), Dept. of English  
 Layout & Design : **Mr. T. Elavarasu**, Placement Executive

# Computer Society of India

SRM Valliammai Engineering College, in association with Computer Society of India-Student Branch conducted a Technical Event 'Logic Strom' for the benefit of the students of SRM Valliammai Engineering College. It was organised on 29<sup>th</sup> July 2024. The event was coordinated by Ms.K.R.Nandhashree, AP/CYS and the Convener of the event was Dr. M. Senthil Kumar, Professor & Head and CSI SB Coordinator.



Technical Event 'Logic Strom'

SRM Valliammai Engineering College, in association with Computer Society of India-Student Branch conducted a Technical Event 'BRAINIAC' for the benefit of the students of SRM Valliammai Engineering College. It was organized on 13<sup>th</sup> August, 2024. The event was coordinated by Ms.K.R.Nandhashree, AP/CYS and the Convener of the event was Dr. M. Senthil Kumar, Professor & Head and CSI SB Coordinator.



Technical Event 'BRAINIAC'

SRM Valliammai Engineering College in association with Computer Society of India-Student Branch has successfully

conducted the inauguration of SRMVEC CSI SB for the academic year 2024-2025 on 2<sup>nd</sup> September, 2024. Dr.M.Senthil Kumar, the Chairman of CSI Kancheepuram chapter and coordinator of SRMVEC CSI SB introduced all the office bearers. Around 70 office bearers including the editors of limelight magazine were introduced. The event ended with a talk on SRMVEC CSI SB by Ms. K. R. Nandhashree, the event coordinator.



Inauguration of SRMVEC CSI SB

SRM Valliammai Engineering College, in association with Computer Society of India-Student Branch organised an event 'GURUVANDANA' exclusively for the faculty members of SRM Valliammai Engineering College to honour them on the occasion of Teacher's Day. It was organised on 5<sup>th</sup> September 2024. The event was coordinated by Ms. K. R. Nandhashree, AP/CYS and the Convener of the event was Dr. M. Senthil Kumar, Professor & Head and CSI SB Coordinator.



Event 'GURUVANDANA' conducted on the occasion of Teacher's Day

## Department of Computer Science and Engineering

Dr. C.Pabitha, Asso. Prof, Dr.G.Sangeetha, Asst.Prof, Dr.B.Vanathi, Prof. published a paper titled 'Efficient Vehicle Detection in Aerial Imagery from Unmanned Air Vehicles (UAVs) through Computer Vision Techniques', at AIP Conference Proceedings.

Sakthivel S, Vedavarshini. K, Sundaresan.C (UG students), Dr.V.Dhanakotti/Prof published a paper titled 'Parking Pixels: Python's Vision for Urban Space Optimization' in International Journal of New

Innovations in Engineering and Technology, Volume 24, Issue 4, ISSN: 2319-6319.

Dr.V.Dhanakotti/Prof published a paper titled 'A Methodical Examination in the Pursuit of Big Data Analytics in Digital Media Broadcasting' in the International Journal of New Innovations in Engineering and Technology, Volume 24, Issue 4, ISSN: 2319-6319.

Ms.S.Suma, A.P. published a paper titled 'Fuzzy Optimal Solution for the Shortest Mapping in the Univariate Search Approach Using Decagonal Fuzzy Numbers' in International Journal of Basic Science and Engineering, Volume 21, Issue 1, ISSN: 1005-0930.

A Guest Lecture was organised on the topic 'Start-up and Entrepreneurship' on 24<sup>th</sup> July 2024. The Resource persons were Ms.Shruti Bist, Advocate and Mr.Shashwat Pathak, CEO of ATAL Incubation Center, AIC GNITS Foundation, Hyderabad. 50 students participated in the event.



Guest Lecture on 'Start-up and Entrepreneurship'

A Guest Lecture was organised on the topic 'Robotic Process Automation' on 9<sup>th</sup> August 2024. The Resource person was Mr.E. Nixon, Director, Technots Academy LLP, Chennai. 60 students participated in the event.



Guest Lecture on 'Robotic Process Automation'

A workshop on 'Generative AI' was organised on 30<sup>th</sup> July 2024. The Resource person was Eneeyan N, IQMath Technologies, Chennai. Fifty students participated in the event.

Dr.M.Mayuranathan / Asst.Prof published a book titled 'Navigating the Circular Age of a sustainable Digital Revolution', IGI GLOBAL publication with ISBN No: 979-8-3693-2827-6.

Dr.C.Pabitha/Asso.Prof, Dr.B. Vanathi/Prof, Dr.G.Sangeetha, Asst.Prof and Dr.K.Shanmugam, Asst.Prof published a book titled 'Artificial Intelligence and Machine Learning', Deccan International Academic Publisher with ISBN No: 978-81980462-8-4

Ms.M.Priyadharshini /Asst.Prof, Dr. C. Pabitha /Asso.Prof, Dr. B.Vanathi / Prof and Dr.K.Shanmugam /Asst.Prof filed a patent titled 'A Robotic Arm to Process of Physiotherapy Postures and Monitoring the Patient Continuously' with application no: 202441053254 A.

Aswin. S / II Yr, Kamlesh. R / II Yr, Balamanigandan. S / II Yr and Aruneswar. V / II Yr participated in the National Level Hackathon held at

Sairam Engineering College from 2<sup>nd</sup> to 3<sup>rd</sup> September 2024.

Hamsahassan. G /III Yr, Dineshraj. K /III Yr and Gowtham. S/IV Yr won Gold medal in Sports-Anna University in Zonal IV Football.

Maruthavanan R.R, II Yr - CSE Secured a Silver medal in the Anna University Zone IV tournament held at New Prince Sri Bhavani College of Engg. & Tech. on 28<sup>th</sup> Sept, 2024.

The students of the Third year CSE-1 went on an Industrial Visit for three days to Techcentrix, Kaynes Technology and Mysore Sandal Wood Company, Mysore, Karnataka from 5<sup>th</sup> September to 8<sup>th</sup> September 2024.

A Workshop was conducted on the Topic 'Data Science Dive In'.

A Technical event was conducted on the topic 'Python Crack'.

A Technical event was conducted on the topic 'Java Snippets'.

A Workshop was conducted on the Topic 'Game Development'.

## Department of Cyber Security

SRM Valliammai Engineering College, Department of Cyber Security - White- Hatians club successfully conducted a technical event titled 'NULL VOID' on 15<sup>th</sup> July 2024 for the benefit of the students. The convener of the event was Dr. M. Senthil Kumar, Head of the Department. The event was coordinated by Ms.T.Sathya, Assistant Professor. The event engaged around 42 students in activities designed to enhance critical thinking and inventive knowledge. Built around a series of real-time linked questions, the event provided participants with valuable insights into the skills required for cybersecurity and coding-based problem-solving, making it a highly enriching learning experience.



Technical Event on "NULL VOID"

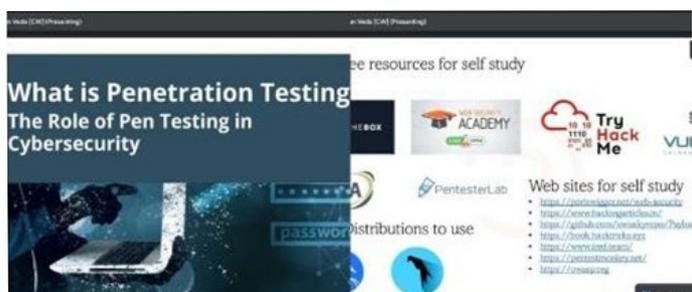
SRM Valliammai Engineering College, Department of Cyber Security - White-Hatians club organised a technical event titled 'BUG BLITZ' on 26<sup>th</sup> July 2024 for

the benefit of the students of SRM Valliammai Engineering College. The event engaged around 44 students. The convenor of the event was Dr.M.Senthil Kumar, Head of the Department. The event was coordinated by Ms. T. Sathya, Assistant Professor. The event aimed to enhance participants' problem-solving abilities and coding proficiency through engaging and challenging tasks. Students worked on a variety of coding and decoding activities that fostered algorithmic thinking and efficient solution design. The hands-on experience allowed participants to explore new techniques and best practices, boosting their practical knowledge. Additionally, the event encouraged teamwork and collaboration as students worked together to tackle complex challenges, making it an enriching and productive session.



Cyber Security - White-Hatians club organized a technical event "BUG BLITZ"

SRM Valliammai Engineering College, Department of Cybersecurity - Whitehatians Club, organized a workshop on 'Penetration Testing' on 6<sup>th</sup> August, 2024. The resource person of the event was Mr. Giri Veeraraghavan Veda, Director - Defsecone Consulting and Technologies Pvt Ltd. The event engaged around 85 students. The event started with the welcome address delivered by Ms.K.R.Nandhashree, A.P, Department of Cyber Security. The workshop increased student's knowledge about the penetration tools and equipped them with practical skills for protecting their networks. Students gained a better understanding of the tools used in penetration testing and learned how to detect, mitigate, and respond to network threats. The online session provided valuable practical experience, enhancing student's ability to apply their knowledge in real-world situations. The workshop



Workshop on 'Penetration Testing'

came to an end with a vote of thanks proposed by Ms.C. Jessifica Cinthamani, A.P.

SRM Valliammai Engineering College, Department of Cybersecurity - Whitehatians Club conducted a 3<sup>rd</sup> state level CTF event 'MATRIXZ' for the benefit of the students of SRM Valliammai Engineering College. It was organised on 9<sup>th</sup> August, 2024. The welcome address was delivered by Dr. M. Senthil Kumar, Professor and Head and convenor of Whitehatians Club. A total of 58 teams including participants from multiple colleges participated in the event. The questions were hosted in the official website of the club and the participants were asked to crack the flags by using their technical knowledge. They were awarded points based on the number of flags they cracked. The top three scores were declared winners and awarded cash prizes.



Cybersecurity - Whitehatians Club conducted 3<sup>rd</sup> state level CTF event 'MATRIXZ'

SRM Valliammai Engineering College, Department of Cybersecurity - Whitehatians Club conducted a Technical Event 'UNLEASH' for the benefits of the students. It was organised on 19<sup>th</sup> August, 2024. Dr.M.Senthil Kumar, HOD / CYS & Convenor and Ms.T.Sathya, Assistant Professor from Cyber Security Department were the coordinators of this event. The 'UNLEASH' event, featured two rounds: 'Challenging Topics' and 'Decrypting the Encrypted Code in QR' which successfully engaged participants in deep technical problem- solving. Round 1, tested their knowledge and presentation skills, while Round 2 focused on cryptography and coding. The event was



Cybersecurity - Whitehatians Club conducted Technical Event 'UNLEASH'

well-received, with participants demonstrating strong expertise and collaborative learning.

SRM Valliammai Engineering College, Department of Cyber Security in association with CSI-SRMVEC Student Branch & WhiteHatians Club had organized the 'Zyverse 2k'24 (A National Level Technical Symposium)' on 24<sup>th</sup> August 2024. In this event around 100 students from various colleges participated. The event started with Tamizh Thai Vazhthu. The welcome address was delivered by Dr.M.Senthil Kumar, Head of the Cyber Security Department followed by the inauguration of the symposium with lighting of the lamp Mr. J. Kalesh, President, Zyverse 2k'24 explained the highlights of Zyverse 2k'24, and the Presidential address was delivered by Dr. M. Murugan, Principal, SRM VEC. The chief guest Mr. T. V. Kamalakkannan, Chief Operating Officer of Omega International School, Chennai, and Former CEO of TCS Japan and The guest of Honour Mr. P. V. Subramanian, Former chairman, CSI Chennai were felicitated by Dr. M. Murugan, Principal, SRM VEC. Ms. J. Janani, Vice- President Zyverse 2k'24 introduced the guest. Then, the souvenir of Zyverse 2k'24 was released by the chief guest Mr.T.V.Kamalakkannan who provided participants with the key takeaways from the symposium. The Symposium comprised of seven technical events: Cryptic Quest, Code Wars, Cyber Conquerors, Info Hunter, Cyber Pursuit, Cryptic Lens, Cyber Jest Fest. Finally, Ms. K. R. Nandhashree, Coordinator, Zyverse 2k'24 proposed a Vote of Thanks.



National Level Technical Symposium - 'Zyverse 2k'24

SRM Valliammai Engineering College, Department of Cybersecurity - Whitehatians Club organised a 4<sup>th</sup> state level Capture The Flag event 'HACKOPS' on account of the Silver Jubilee of the college, for benefit of the students of SRM Valliammai Engineering College. The sponsor of this event was 'ALTERED SECURITY'. It was organized on 9<sup>th</sup> September 2024 in the old seminar hall, Admin Block. The welcome address was delivered by Dr. M. Senthil Kumar, Professor and Head as well as the convener of Whitehatians Club. A total of 47 teams participated in

the event including participants from various colleges. The Challenges were hosted in the official website of the club and the participants were asked to crack the flags by using their technical knowledge. They were awarded points based on the number of flags they cracked. The first three top scorers emerged as winners and were awarded cash prizes.



State level Capture The Flag event 'HACKOPS'

## YOUTH RED CROSS



SMVEC YRC unit with the support of an NGO named 'RAKSHA' conducted an event titled 'First Aid and Emergency Response Training Programme' on 26<sup>th</sup> September 2024. Two certified trainers Mr. Parthasarathy and his assistant gave a live demonstration on the following topics as part of the First Aid and Emergency Response Training Programme,

- First Aid during Sudden Cardiac Arrest and Heart Attack
- DR.ABC technique
- Pulse Checking
- CPR training
- First Aid During a Chocking
- Training on transportation of the Victim during emergency

The YRC volunteers of first year CSE1 and CSE2, numbering around 120, attended the training programme and the programme concluded with a vote of thanks delivered by the program officer.

NCC Unit conducted 'Nation Partition Horrors Remembrance Day' at SRM Valliammai Engineering College on 14<sup>th</sup> August 2024.

NCC Unit celebrated 'Independence Day' at SRM Valliammai Engineering College on 15<sup>th</sup> August 2024.

## Department of Electronics and Communication Engineering

The Department of Electronics and Communication Engineering at SRM Valliammai Engineering College held its 20<sup>th</sup> National Level Technical Symposium, TARAS 2K24, on September 28<sup>th</sup> 2024 in association with ISTE, IIPC, and IETE Students Forum. Mr. B. Arunprakash, President of TARAS 2K24, welcomed participants followed by a symposium overview by Mr. T. Sanjay, Secretary of TARAS 2K24. Dr. M. Murugan, Principal of SRM VEC, delivered the Presidential Address, and Ms.C.Charumathy, Treasurer of TARAS 2K24, introduced the Chief Guest, Mr. Rajendran Narayanan, Assistant Vice President at Intellect Design Arena Ltd., Chennai. Mr. Narayanan discussed how social media is reshaping traditional jobs and encouraged students to pursue diverse career paths, describing education as a 'passport' and exposure as a 'visa' for growth. The Chief Guest released the symposium's souvenir to mark the commencement of the event. Competitions like Paper Presentation, Logical Blitz, Cognitrix, Capture the Flag, Nexus, and Compomania were conducted and winners were awarded with cash prize. Around 251 students participated from various institutions. Ms. Varsha S., Vice-President of TARAS 2K24, gave the vote of thanks. The symposium was guided by Dr. Komala James, Head of ECE, and coordinated by Dr.S.Ramesh, Professor and Dr. S. R. Preethi, Associate Professor.



National Level Technical Symposium, TARAS 2K24

The Department of Electronics and Communication Engineering at SRM Valliammai Engineering College organised a workshop on 'Emerging Trends and Technologies in IoT' on 5<sup>th</sup> September 2024, at the ECE Seminar Hall, under the guidance of Dr.Komala James, Professor and Head of ECE. Dr.N.Jothy, Assistant Professor, introduced the Chief Guest, Mr. A. Arunan, Founder and Technical Director of EXOR Robotics Private Limited, Puducherry. Mr. Arunan discussed the latest IoT advancements in connectivity, efficiency, and security, highlighting trends like edge computing, blockchain, 5G, AI/ML integration, healthcare wearables, and Industrial IoT. The workshop was attended by over 64 third-year ECE students and faculty members, who gained insights into current IoT developments. The event concluded

with a vote of thanks by Mr. S. Mari Rajan, Assistant Professor.



Workshop on 'Emerging Trends and Technologies in IoT'

An Expert Lecture on 'Cell free Massive MIMO Systems for 6G and Beyond' was conducted by the Department of Electronics and Communication Engineering on August 14<sup>th</sup>, 2024 at New seminar Hall under the guidance of Dr. Komala James, Head of the Department/ ECE. Dr.C.Amali, Associate Professor/ECE delivered the welcome address and introduced the Chief Guest Mr. E. Samuel John Antony, Research & Development Engineer, SAMEER-CEM, Chennai. The Chief Guest delivered a lecture on 'The Evolution of Wireless technology and limitations of traditional cellular system'. Over 110 third year students and faculty members from the Department of ECE attended the Expert Lecture and gained knowledge about key aspects of Cell-Free Massive MIMO systems and their impacts on 6G technology. Dr. J. Premalatha, Associate Professor/ECE, proposed a vote of thanks at the end of the Lecture.



Expert Lecture on 'Cell free Massive MIMO Systems for 6G and Beyond'

The seminar on 'Emerging Trends in 6G Technology' was successfully conducted by the Department of Electronics and Communication Engineering on 5<sup>th</sup> August, 2024 at New seminar Hall under the guidance of Dr. Komala James, Head of the Department/ ECE. The seminar aimed to provide participants with an in-depth understanding of the advancements and future possibilities in the field of 6G technology. The coordinators of the event were Mr.D. Murugesan, Assistant Professor and Ms.T.Athisaya Anushya, Assistant Professor, who ensured the smooth execution of the seminar. Mr.Premnath M.S., B.E., Senior Solutions Specialist - Ericsson, Chennai, was the resource person. He brought with him extensive experience in the field of

telecommunications, particularly in the realm of next-generation network technologies, including 6G. Ms. T. Athisaya Anushya, Assistant Professor/ECE, proposed a vote of thanks at the end of the seminar.



Seminar on 'Emerging Trends in 6G Technology'

On Friday, 30<sup>th</sup> August, 2024, 60 second-year ECE students visited the Integral Coach Factory (ICF) in Perambur, Chennai, accompanied by Dr.J.Logeswaran and Mrs. T. Athisaya Anushya, Assistant Professors. The primary aim of the visit was to give students a practical exposure to the manufacturing and assembly processes of railway coaches and to understand the role of Electronics and Communication Technologies within the railway sector. ICF, a premier unit under the Ministry of Railways, is renowned as one of India's leading railway coach manufacturers. The visit commenced with a welcome address by Shri. Balaguru, Senior Section Engineer at the Chennai Rail Museum, followed by an informative session from Mr. Arjun, a trainee, who explained the operations of the furnishing, assembling, and electrical divisions at ICF. Students gained insight into ICF's journey from its founding to its current stature. The industrial visit concluded, and students returned to the college by 3:00 p.m.



Industrial visit to Integral Coach Factory (ICF) in Perambur, Chennai

Dr. C. Saravanaumar, Mr. D. Murugesan, Mr.A.Pandian and Mr. S. Marirajan, Assistant Professors published a paper titled 'Innovative Cell Boundary Detection in Microscopic Images: Leveraging Intensity Patterns for Hardware Efficiency,' in African Journal of Biological Sciences, vol. 6, no. 10, July 2024. [Scopus Indexed].

Dr. C. Saravanakumar, A.P. published a paper titled 'AI-Driven Transformer Networks in Shared Spectrum for Enhanced Signal Processing for Non-Linear Receivers,' in ICTACT Journal on Communication Technology, vol.15, no.2, July 2024.

Mr. R. Dhananjeyan, Assistant Professor and Dr.S.Ramesh K, Professor, published a paper titled 'Performance Analysis of Eight-element MIMO Mobile Phone Antenna for Sub-6 GHz 5G Applications', in Applied Computational Electromagnetic Society, vol.39, no. 4, August 2024.

Dr. Komala James, Professor and Head and Dr.N.Subhashini, Associate Professor successfully completed the 'Demystifying Networking' course and were awarded a silver medal in the NPTEL Online Certification program in August 2024.

M. Prithivi Rathan of II year ECE participated in Open State Meet 'Tamil Nadu Roller Skating

## National Cadet Corps

Eight NCC Army wing cadets attended the CATC cum IGC/RDC selection camp at Jaya College of Engineering, Poonamalle from 28<sup>th</sup> August 2024 to 6<sup>th</sup> September 2024.

Mr. Gokula Priyan A, Army wing cadet attended the IGC/RDC TRG - I camp at Pachaiyappa's College, Kancheepuram from 17<sup>th</sup> to 26<sup>th</sup> Sept. 2024.

Gokula Priyan A Army wing cadet attended the CATC cum IGC/RDC Launch camp at Lalaji Memorial Omega international School, Kolapakkam from 28<sup>th</sup> Sept. 2024 to 7<sup>th</sup> Oct.2024.

Five NCC Naval wing cadets attended the Inter unit Competition – Nau Sainik Camp (IUC-NSC 2024) at Puducherry from 16<sup>th</sup> July 2024 to 25<sup>th</sup> July 2024.

Two NCC Naval wing cadets attended Combined Annual Training Camp 09- cum Nau Sainik Camp TRG I (CATC 09-NSC TRG I 2024) at Puducherry from 26<sup>th</sup> July 2024 to 4<sup>th</sup> Aug. 2024.

Anandhakumar G, Naval wing cadet attended the Combined Annual Training Camp 12- cum Nau Sainik Camp TRG II (CATC 12-NSC TRG II 2024) at Puducherry from 05<sup>th</sup> August 2024 to 14<sup>th</sup> August 2024.

Anandhakumar G, Naval wing cadet attended the Combined Annual Training Camp 15- cum Nau Sainik launch (CATC 15-NSC LAUNCH 2024) at Puducherry from 15<sup>th</sup> August 2024 to 24<sup>th</sup> August 2024 and 25<sup>th</sup> August 2024 to 4<sup>th</sup> September 2024.

Two NCC Army wing cadets attended the Combined Annual Training Camp - Cum RDC Selection Camp 2024 at Jaya College of Engineering, Poonamalle from 28<sup>th</sup> August 2024 to 6<sup>th</sup> September 2024.

Nandhitha D, Naval wing cadet attended the Inter Group Competition - RDC TRG Camp 2024 at Pachaiyappa's College, Kancheepuram from 25<sup>th</sup> Aug. 2024 to 04<sup>th</sup> Sept. 2024.

Nandhitha D, Naval wing cadet attended the Combined Annual Training Camp – Cum IGC RDC Launch Camp 2024 at Lalaji Memorial Omega International School, Kolapakkam from 28<sup>th</sup> September 2024 to 07<sup>th</sup> October 2024.

Twenty Five NCC Naval wing cadets attended the weekly training at 4 (TN) NAVAL TECH UNIT NCC on 21st Aug. 2024.

Seven NCC Naval wing cadets attended the OTA Passing Out Parade at OTA Chennai on 5<sup>th</sup> Sept. 2024.

NCC Unit conducted rally on 'KARGIL VIJAY DIWAS' at SRM Valliammai Engineering College campus on 26<sup>th</sup> July 2024.

NCC Unit conducted 'Drug Abuse Awareness Program' at SRM Valliammai Engineering College on 12<sup>th</sup> August 2024.

NCC Unit conducted 'Nation Partition Horrors Remembrance Day' at SRM Valliammai Engineering College on 14<sup>th</sup> August 2024.

NCC Unit celebrated 'Independence Day' at SRM Valliammai Engineering College on 15<sup>th</sup> August 2024.

Association' conducted on 28<sup>th</sup> July 2024 at Sportify sports arena, Madipakkam, Chennai and won a gold medal and a silver medal.

Abishek Prasad C S and Dhinesh M from III-ECE participated in National level project presentation event conducted by PSG College of Technology, (Intellectual property rights cell), Coimbatore on 30<sup>th</sup> August 2024, and won 5<sup>th</sup> place and was awarded a cash prize of Rs.1,250.

E B Bhuvan kumar and Arjun. R from III-ECE won 1st prize in football tournament conducted by Sri Sai Ram Engineering college on 24<sup>th</sup> September 2024.

## Department of Electrical and Electronics Engineering

The Department of EEE organised a Guest lecture on the topic 'Renewable Energy Sources and Grid Integration Challenges' on 21<sup>st</sup> August 2024. The Resource person was Mr. S. Suriya Kumar B.E, Senior Power System Engineer, Power Projects, Guindy.



Guest lecture on 'Renewable Energy Sources and Grid Integration Challenges'

The Department of EEE organised a Guest lecture on the topic 'Electric Vehicle Battery Management Techniques' on 22<sup>nd</sup> Aug. 2024. The Resource person was Mr. U. Moorthy, Department Manager - Thermal System, Valeo India Private Limited, Chennai.



Guest lecture on 'Electric Vehicle Battery Management Techniques'

Second year students went on an Industrial visit to North Chennai Thermal Power station-II, Athipattu, Chennai on 27<sup>th</sup> August 2024.



Industrial visit to North Chennai Thermal Power station-II, Athipattu, Chennai

The Department of EEE organised a Guest lecture on the topic 'Excel in the GRE and TOEFL: A Gateway to Higher Studies' on 3<sup>rd</sup> September 2024. The Resource person was Mr. Sriram Rangarajan, Senior Instructor, Learners Cortex, Chennai.



Guest lecture on 'Excel in the GRE and TOEFL: A Gateway to Higher Studies'

The Department of EEE organised a workshop on the topic 'Exploring Embedded Systems: Hands on Workshop' on 4<sup>th</sup> September 2024. The Resource person was Dr. Arun Kumar, Vice President, RETECH Solutions Private Ltd, Chennai.



Workshop on 'Workshop on Exploring Embedded Systems: Hands on Workshop'

Ms. P. Bency, AP(Sr.G) published an article in SCI Journal, in the Journal of Thermal Analysis and Calorimetry titled 'Effective thermal management through feasibility study of energy recuperation on synthesized SiC propylene glycol nanofluids for achieving environmental sustainability'.

Ms.S.Vanila, AP(Sel.G) presented a paper titled 'Optimizing H.264 Intra Prediction Leveraging cross Entropy & Error Entropy Based RDO Techniques' in the International Conference on 'Recent trends in Computational Engineering and Technologies' organised between 25<sup>th</sup> and 26<sup>th</sup> July 2024 in Raja Rajeswari College of Engineering.

Mr.S.Balaji, AP(Sr.G) participated in a two days national level workshop on 'Artificial Intelligence based Design and Testing of Electric Vehicle' held on 2<sup>nd</sup> and 3<sup>rd</sup> August 2024.

Dr.R.Karthik, Professor, Mr.S.Balaji, AP(Sr.G), Mr.K.Ragul Kumar, AP(O.G) and Mr.S.Venkatesh, AP(O.G) completed NPTEL course on 'Managing Intellectual Property in Universities', during the period July-August 2024.

Dr.G.Madhusudan, Professor completed NPTEL course on 'Economics of IPR', during the period July-August 2024.

Dr.S.Malathi, Professor and Ms.S.Vanila, AP(SelG) completed NPTEL course on 'Power System Protection and Switchgear', during the period July-Sept. 2024.

Dr.S.Malathi, Professor and Ms.S.Vanila, AP(SelG) completed NPTEL course on 'Advances to UHV Transmission and Distribution', during the period July-September 2024.

Dr. K. Shanmugam, AP (Sr.G)/CSE, delivered a motivational talk for the first-year students during the induction programme. He also delivered a guest lecture on 'Tamil Computing' on 8<sup>th</sup> July 2024, organised by Puratchi Thalaivar Dr. MGR Government Arts and Science College, Uthiramerur.



The Paarivendhar Students' Tamil Association organised a Thirukkural competition and a poetry competition on 15<sup>th</sup> July 2024 in celebration of Founder Chairman Sir's birthday. The following students emerged as winners:

Speech Competition Prize Winners:

(I) K. Sujitha – 4<sup>th</sup> Year – Cyber – First Prize; (ii) M.Sandhiya – 2<sup>nd</sup> Year – EIE – Second Prize & Janani P. – 2<sup>nd</sup> Year – ECE – Third Prize.

Essay Competition Prize Winners:

(I) Janani P. – 2<sup>nd</sup> Year – ECE – First Prize; (ii) V. Priyanka – 4<sup>th</sup> Year – Agriculture – Second Prize (iii) M. Bharath Kumar – 4<sup>th</sup> Year – Mechanical – Third Prize.



A workshop on Tamil Computing was conducted on 31<sup>st</sup> July 2024 by SRM Valliammai Engineering College, Paarivendhar Students' Tamil Association, and Kanith Tamil Peravai. Dr.V.Dhanalakshmi, Associate Professor, Pondicherry University, was the Chief Guest. She delivered an elaborate lecture on 'Levels of Language Analysis in Natural Language Processing'. The afternoon session was handled by Dr. K. Nalini Priya, Professor and Dean, Saveetha Engineering College, who gave a lecture on 'The Role of AI Tools in Tamil Language Development'.

SRM Valliammai Engineering College, Paarivendhar Students' Tamil Association organised various Independence Day competitions, including essay writing, speech, and drawing competitions, on 12<sup>th</sup> August 2024.

Dr. K. Shanmugam, AP (Sr.G)/CSE, published a Tamil technical article titled 'Blockchain' in The Hindu Tamil newspaper on 12<sup>th</sup> August 2024.

Dr. K. Shanmugam, AP (Sr.G)/CSE, received the Best Tamil Mandram Coordinator award from SRM Tamil Perayam, Paarivendhar Students' Tamil Association on 29<sup>th</sup> July 2024. Selvan Yohith, Selvan Vishwakrish, Selvan Sanjay, Selvan Shiva

## பாரிவேந்தர் மாணவர் தமிழ் மன்றம்

Charan, and Selvan Sivabalan received the Best Student Coordinators award during the same event.



Dr. K. Shanmugam, AP (Sr.G)/CSE, also played a guest role in the film Vettaiyar on 13<sup>th</sup> August 2024. He further delivered guest lectures on Tamil Computing at the Commissionerate of Agriculture, Chepauk, Chennai, on 19<sup>th</sup> August 2024 and at the Directorate of Handlooms, Chennai, on 29<sup>th</sup> August 2024. The guest lecture was organised by Tamil Development Department, Government of Tamil Nadu.

The college conducted an inter-college Tamil competition Kanavea Vanthean-2024 on 20<sup>th</sup> September 2024. The event was presided over by our Principal, Dr. M. Murugan, under the guidance of our Director, Dr. B. Chidhambararajan, and felicitated by our Vice Principal, Dr. S. Visalakshi. Mr. K. Karthikeyan, news anchor and literary speaker from Puthiya Thalaimurai, was the Chief Guest. The event began with a welcome address by Selvi Tamil Selvi, First Year, Department of IT. Dr. K. Shanmugam, Coordinator of Tamil Mandram, briefed the audience about the event, and the vote of thanks was delivered by Selvan Sakthivel, First Year, Department of ECE. About 25 students from various colleges and 50 students from our college actively participated in the event.



Selvi S. Kaviya, CSE, 3<sup>rd</sup> Year, won the First Prize in the District Level Speech Competition organised by the Tamil Development Department, Government of Tamil Nadu, on 26<sup>th</sup> July 2024. She was awarded a cash prize of Rs. 5,000 and a merit certificate.

## Department of Medical Electronics

The Department of Medical Electronics organised an Expert Lecture on 'Integrated Circuits Design' under the guidance of Dr. N. Usha Bhanu, Professor & Head who served as the Convener for the event, in association with IIPC, IIC, ISTE, IETE Student's forum & SRM VEC - CSI student branch, on 13<sup>th</sup> August 2024. The event started with a welcome address delivered by the coordinator of the event, Ms. Sandhya V.P, AP-MDE. Ms. Srija S, IV-year student, Department of MDE introduced the resource person. The Resource person of the event Dr. D. Meganathan, Professor, Department of Electronics Engineering, Madras Institute of Technology, Chrompet delivered the Expert Lecture on Integrated Circuits Design. Around 72 II, III and IV Year MDE students attended the expert lecture. The lecture focused on rapid advancements of ICs in health care system, Robotic surgery and System on chip (SOC). He also discussed about 3D stacking, conventional computing and brain computing with the students. Ms. Raagapurani S.P, III Year Student, Department of MDE delivered the vote of thanks. All the students participated actively and clarified their doubts with the Resource person.



Expert Lecture on 'Integrated Circuits Design'

The Department of Medical Electronics organised a Workshop on 'Embedded system with Sensor Technologies' in association with IPC, IIC, ISTE, IETE Student's forum & SRM VEC - CSI student branch, on 24<sup>th</sup> September 2024. The event commenced with welcome address delivered by the Convener of the event, Dr. N. Usha Bhanu, Professor & Head. Ms. Santhishini, II-year student, Department of MDE introduced the resource person. The Resource person Mr. M. E. Rajamanikam, Bits 'n' Watts, Rotary Club of Madras Marina, Chennai delivered the lecture and provided hands on training on Embedded system with Sensor Technologies. Around 49 students of MDE attended the workshop. The workshop focused on embedded systems, Sensor integration and basic Arduino coding. He also provided hands on training for the projects like name display using LCD, Gas Detection using Sensors & LDR on Arduino board. Ms. Santhishini, II-year student, Department of MDE proposed the vote of thanks.



Workshop on 'Embedded system with Sensor Technologies'

Mr. C. Satheeswaran, AP - MDE & Mrs. V. P. Sandhya AP (Sr. G) attended Faculty Industry Immersion Programme at Pantech Solutions, Semmancheri from 28<sup>th</sup> June 2024 to 3<sup>rd</sup> July 2024.

Dr Usha Bhanu N, Prof & Head participated in the IEEE CAS sponsored 6 - day FDP titled 'Design and Applications of Semiconductor devices', organised by the Department of Electronics and Communication Engineering, Sri Sairam Institute of Technology from 5<sup>th</sup> August 2024 to 10<sup>th</sup> August 2024.

Ms. Sukirtha T, III MDE, underwent Hospital Internship Training at Santhi Multispeciality Hospital, Tenkasi from 6<sup>th</sup> July 2024 to 20<sup>th</sup> July 2024.

Ms. Naaziya Y, Ms. Raagapurani S P, Ms. Sowndharya S & Ms. Subasri A, III MDE, underwent Internship Training on 'Industrial based embedded systems with AI & IOT' conducted at NSIC, Chennai for a period of two weeks from 8<sup>th</sup> to 22<sup>nd</sup> July 2024.

Ms. Adithya Sudheevan, IV MDE, completed a course on 'Introduction to Front End Development' from Simplilearn, Skillup on 25<sup>th</sup> July 2024.

Ms. Santhishni S, II MDE, participated in the event 'MATRIXZ' organised by Whitehatians Club Department of Cyber Security in association with SRMVEC - CSI Student Branch on 9<sup>th</sup> August 2024.

Ms. Santhishni S, II MDE, participated in the workshop on 'Chatgpt & AI Tools' conducted by be10X on 15<sup>th</sup> August 2024.

Ms. Adithya Sudheevan, IV MDE, completed a course on 'Data Analytics and Visualization Job Simulation' organised by Accenture on 23<sup>rd</sup> Aug. 2024.

Ms. Adithya Sudheevan, IV MDE, completed a course on 'Excel for Beginners' conducted by Great Learning Academy in the month of August 2024.

Ms. Adithya Sudheevan, IV MDE, completed a course on 'Python: From zero to hero - code your way to the top' from Udemy on 25<sup>th</sup> August 2024.

Mr. Pradeep Kumar T, Mr. Sabari L K, Ms. Santhishni S, Mr. Santhoshkumar S, II MDE, Mr. Adharsh R K, Ms. Poorani S, Ms. Raagapurani S P, Mr. Raagul V K, Ms. Sowndharya S & Ms. Subasri A, III MDE, attended National Seminar on 'Medical Devices & its Adverse effects' organised by NIMHANS, Bengaluru & SIMS Hospital - Vadapalani, Chennai on 14<sup>th</sup> September 2024.

# NSS

On July 26, 2024, the NSS unit at SRM Valliammai Engineering College held a rally on campus to honour the Kargil War heroes. Students and faculty joined in to pay tribute to the soldiers who gave their lives. The event began with a speech from the NSS coordinator, who talked about the importance of remembering national heroes and fostering patriotism. They also shared a brief history of the Kargil War and the bravery of Indian soldiers.

Participants carried banners with slogans like 'Jai Jawan' and 'Salute to Our Heroes' and marched around the campus. Students wore badges to show their respect. The route was designed to involve as many people as possible. The rally was filled with patriotic chants, and students from different departments joined the rally. A moment of silence was held to honour the martyrs.

The faculty members and NSS volunteers helped make the event run smoothly. The rally ended with a ceremony where students thanked the armed forces and promised to support the values of dedication and service. It was a successful and meaningful tribute to the Kargil War heroes.

The NSS Award Function was held at Vivekananda Auditorium, Anna University, Chennai, on 2<sup>nd</sup> August, 2024, celebrating the contributions of NSS units and volunteers from Tamil Nadu for the 2022-2024 period. A total of 36 volunteers attended, honoring the Best NSS Unit, Best NSS Volunteers, and Best College for their community service efforts. Two SRM Valliammai Engineering College students, Mr.M.Krishnamoorthy from Mechanical Engineering and Miss B.S. Shobika from Computer Science were nominated for their dedication to NSS activities.

The college won two major awards: Best College and Best NSS Unit in Tamil Nadu, recognizing its impact through various community outreach programs. Dr. S. Parthasarathy, the NSS Programme Officer from SRM Valliammai Engineering College was awarded Best Programme Officer for his leadership and guidance in driving the NSS unit's success. The awards highlighted the dedication of the volunteers and staff. It was a proud moment for SRM Valliammai Engineering College, showcasing its commitment to social responsibility and inspiring future service efforts.



An oath taking ceremony was held to raise awareness and promote the commitment to fight against the growing menace of drug abuse. The event, organised by the NSS unit of SRM Valliammai Engineering College in collaboration with the Police Department took place on 12<sup>th</sup> August 2024 at the portico of the new building where students, faculty members, dignitaries from the Police department and various higher officials including the Principal came together to take a pledge against drug use. The



ceremony aimed to educate the youth about the harmful effects of drugs and the importance of a drug-free society. The primary objective of the oath ceremony was to:

- ◀ Raise awareness about the dangers of drug addiction.
- ◀ Encourage individuals to lead a healthy, drug-free life.
- ◀ Mobilize collective efforts to prevent the spread of drug abuse, particularly among the youth.

The ceremony began with an inaugural speech by Dr.S.Parthasarathy, NSS Programme Officer who emphasized the need for stronger community involvement to tackle the issue of drugs. Police officials highlighted the long-lasting harmful effects of drug consumption on individuals, families, and society at large. Following the speech, the Principal led the participants in taking the antidrug oath.

Teachers' Day was celebrated by the students and the NSS unit of SRM Valliammai Engineering College on 5<sup>th</sup> September 2024, within the college campus. The event commenced with the lamp's ceremonial lighting and the Director, Principal, Heads of Departments, teachers, and non-teaching staff, graced the occasion with their presence. The inaugural address was delivered by Dr. S. Parthasarathy, NSS Programme Officer highlighting the significance of the day. Following this, R.Aravind, a second-year EIE student, expressed heartfelt gratitude towards teachers through an expressive speech in English. S. Udhayakumar, a second-year Civil Engineering student emphasized the importance of teachers in shaping students' lives through an inspiring speech in Tamil. As a token of appreciation, the NSS volunteers presented gifts to all the teachers, making the day memorable for everyone involved.



Teachers' Day celebration

As part of the Silver Jubilee celebrations of SRM Valliammai Engineering College, the NSS volunteers demonstrated their creativity and dedication through a stunning wall-painting initiative on 10<sup>th</sup> September 2024. This initiative aimed to commemorate 25 years of academic excellence and service, leaving a lasting visual representation of the college's journey and achievements.



The project was conducted on campus, where the volunteers worked collaboratively to design and execute vibrant wall painting. These wall paintings reflected themes such as the college's history, milestones, values, and vision for the future. The initiative not only added visual value to the campus but also inculcated a sense of pride and accomplishment among the volunteers and the college community. The Director, Principal, faculty members, and students appreciated the efforts of the

NSS team, commending them for their hard work and creativity in making the Silver Jubilee celebration truly memorable.

On September 12, 2024, the NSS unit of SRM Valliammai Engineering College organized a campus cleaning drive which commenced at 2:30 PM. The event displayed an enthusiastic participation from NSS volunteers and first-year students. To mark the beginning of the event, the first-year students formed a striking formation displaying out NSS on the college campus, symbolizing unity, teamwork, and the spirit of service. Following this, the students and volunteers actively engaged in cleaning various areas of the campus. They collected litter, swept pathways, and tidied up common spaces, transforming the campus into a cleaner and more welcoming environment. The primary goal of this initiative was not only to clean the campus but also to introduce a sense of responsibility among students about maintaining cleanliness in their surroundings. The event was a resounding success, highlighting the power of collaboration in fostering a cleaner, healthier, and more beautiful campus for everyone.



The NSS unit of SRM Valliammai Engineering College, in collaboration with the Maraimalai Nagar Municipality, organised the Plantation Drive at Thiruvalluvar Park, Maraimalai Nagar on 17<sup>th</sup> September 2024. The event was graced by Mr. Siva Murugan, the Municipality Officer, who attended as the chief guest. As part of the initiative, NSS volunteers, with the support of the municipality, planted an impressive 757 tree saplings to create a dense forest at two different areas in the park. This plantation drive was aimed at enhancing the area's green cover, contributing to environmental improvement, and combating climate change. The volunteers participated by recognizing the critical role of trees in promoting ecological balance and sustainability. The event also served to inspire the local community to engage in similar green initiatives. The plantation drive represents a significant step toward creating a greener, healthier environment for generations to come.



On September 9, 2024, the NSS unit of SRM Valliammai Engineering College organized a special event in honour of World Environment Day. The celebration commenced at 2:30 PM, with participation from NSS volunteers and first-year students, all coming together to raise awareness about environmental issues.

The event began with an introductory speech by Dr.S.Parthasarathy, NSS Programme Officer who emphasized the importance of preserving the environment and the role each individual plays in safeguarding nature. Following the speech, a series of competitions were held to engage the students in environmental issues as part of their social commitment. The

participants showcased their creativity and knowledge through chart work while presenting environmental themes. Additionally, speech competitions on pressing environmental concerns were conducted, allowing students to express their views on various ecological issues. An essay competition was also organized, encouraging participants to share their thoughts on how they could contribute to a greener future.

The students were graded on their performances, with the top three positions in each competition receiving recognition for their efforts. The event concluded with a heartfelt vote of thanks delivered by one of the NSS Volunteers.

On September 21, 2024, the NSS unit of SRM Valliammai Engineering College actively participated in a coastal cleaning drive at Beasant Nagar, in collaboration with Mera Yuva Bharat's Swachhata Hi Seva Coastal Cleaning Campaign. The event took place from 6:00 AM to 9:00 AM with the participation of twenty-one dedicated NSS volunteers. The drive focused on cleaning the beach, to ensure an organized and efficient cleanup, each volunteer was equipped with garbage collectors, gloves, and other necessary tools to help segregate and dispose the waste. Throughout the event, the volunteers worked vigorously to collect plastic bottles, wrappers, and other debris scattered along the shore. By the end of the drive, the team had successfully collected 21 bags of waste. The coastal cleaning initiative not only helped enhance the cleanliness and beauty of Beasant Nagar but also served as an important awareness campaign for local residents and passersby. Participation in this drive not only benefited the local community but also reinforced the importance of collective action in preserving the environment for future generations.



On September 24, 2024, the NSS unit of SRM Valliammai Engineering College organized a special orientation Programme in the New Seminar Hall to celebrate NSS Day and introduce first-year volunteers to the unit's activities and mission. The event aimed to familiarize the recruits with the significance of NSS and its role in shaping responsible and community-oriented individuals. The program began with a speech by Dr.S.Parthasarathy, the NSS Program Officer, who shared valuable information about the history and objectives of the NSS unit. Through a detailed PowerPoint presentation, Dr.Parthasarathy highlighted the various services and community outreach programs undertaken by the NSS unit over the years. He also showcased videos of the past special camps,



giving the new volunteers into the impactful work done by the unit and the experiences they could look forward to as they became active members. Following this, Mr. D. Captain Prabakaran, the Assistant NSS Program Officer, delivered a speech that

resonated with the new volunteers. He emphasized how NSS is not just about service, but also about personal growth, leadership development, and building lasting friendships. The Orientation Program was an engaging start to their journey with the NSS unit, setting the stage for many rewarding experiences ahead.

On September 26, 2024, the NSS unit of SRM Valliammai Engineering College commemorated International Peace Day with a session centered around the theme, 'End Racism. Build Peace'. The event was organised for the NSS volunteers and first-year Mechanical Engineering students to raise awareness about the importance of peace and harmony in today's world. The session began with an insightful talk by Dr. S.Parthasarathy, the NSS Programme Officer, who addressed the theme of the day. Dr. Parthasarathy also highlighted common causes of stress among adolescents and shared practical tips on how to manage these stressors effectively in day-to-day life. To further engage the students, the NSS volunteers created a Peace Wall by pasting posters and slogans related to peace. These creative works expressed various messages promoting harmony and unity, and three of the best posters were selected, and winners were awarded with prizes. The celebration of International Peace Day aimed to emphasize the need for a peaceful coexistence among individuals and communities. It was a

reminder of the collective efforts required to build and sustain a culture of peace in the world.

The NSS (National Service Scheme) unit of SRM Valliammai Engineering College, in collaboration with the Palur Lions Club, undertook a cleaning and painting initiative at Aringar Anna Government Higher Secondary School, Walajabad, as part of the Swachhata Hi Seva 2024 campaign. The event took place on 27<sup>th</sup> and 28<sup>th</sup> September 2024.

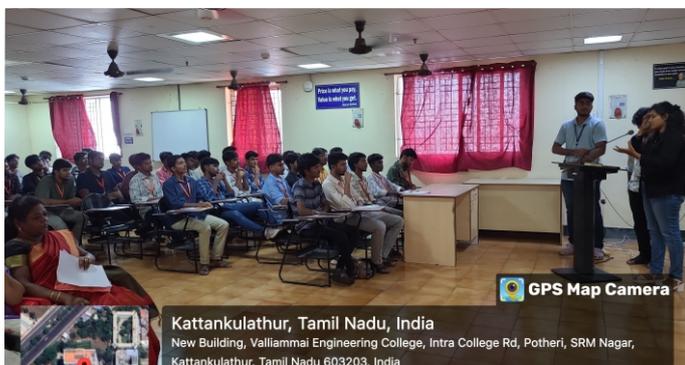
On the first day, an introductory meeting was held with the school officials, club members, and NSS volunteers, led by Dr.S.Parthasarathy, NSS Programme Officer. The volunteers were divided into two groups. One group focused on cleaning the school's surroundings, while the other was tasked with cleaning the walls, ceilings, windows, and doors.

On the second day, the NSS volunteers completed the painting and finished the cleaning tasks. In the evening, a valedictory function was organized at 5:00 PM, where feedback was collected from the students and the headmaster. Everyone praised the efforts of the NSS unit and expressed their gratitude to the volunteers. The improvements in infrastructure and facilities have helped create a better environment for students to engage in practical experiments and learning activities, thereby enhancing their overall educational experience.

## Department of Electronics and Instrumentation Engineering

The Dept. of EIE in association with the ISA VMEC Student Charter and ISTE organized the following programmes.

A Guest Lecture on 'Industrial Automation' was delivered by Ms. N. Manasi Founder and CEO, Zirafy Group of Companies, Chennai on 05<sup>th</sup> August 2024.



Kattankulathur, Tamil Nadu, India  
New Building, Valliammai Engineering College, Intra College Rd, Potheri, SRM Nagar,  
Kattankulathur, Tamil Nadu 603203, India

Guest Lecture on 'Industrial Automation'

A Workshop on 'Instrumentation in Automotive Industry' was delivered by Mr.T.N. Ramasudarshan, Country Head-India of di-soric Sensor GmbH (German MNC), Ambattur, Chennai on 14<sup>th</sup> August 2024.



Kattankulathur, Tamil Nadu, India  
New Building, Valliammai Engineering College, Intra College Rd, Potheri, SRM Nagar,  
Kattankulathur, Tamil Nadu 603203, India  
Lat 12.826378°

Workshop on 'Instrumentation in Automotive Industry'

A Seminar on 'Recent trends in Instrumentation' was delivered by Dr. S. Meyyappan, Deputy Director, Centre for Internet of Things (CIoT) & Associate Professor, Department of Instrumentation Engineering, Madras Institute of Technology, Anna University, Chrompet, on 28<sup>th</sup> August 2024.



Seminar on 'Recent trends in Instrumentation'

14th National Level Technical Symposium was conducted on 14<sup>th</sup> September 2024, inaugural address was delivered by the Chief Guest Mr.N.Karthikeyan, Senior Principal Technical Expert, Schneider Electric India Pvt. Ltd., Chennai.



National Level Technical Symposium

A Guest Lecture on 'GATE-JAM 2025 Outreach Programme' was delivered by Dr. Shaligram Tiwari, Professor, Mechanical Engineering, IIT Chennai on 25<sup>th</sup> September 2024.



Guest Lecture on 'GATE-JAM 2025 Outreach Programme'

Ms.M.Shanthi A.P (Sr.G) has attended AICTE-sponsored ATAL FDP on 'Micro to Nano-A Journey for Inspiring Creations' from 19<sup>th</sup> to 24<sup>th</sup> Aug. 2024 at S.A. Engineering College, Chennai.

Mr.N.Sowrirajan A.P (Sr.G) has attended AICTE-sponsored ATAL FDP on 'Solving Real-World Problems with IoT: A Practical Approach for Educators' from 05<sup>th</sup> to 10<sup>th</sup> August 2024 at Murugappa Polytechnic College, Sathyamurthy Nagar, Chennai.

Mr.B.Paramewaran A.P (Sr.G), Pavithra D, Sabarinathan R, Saravanan M.A, and Shahid Afridi presented a paper titled 'IoT Based Food and Grain Condition Trace ability and Controlling System in Warehouses' at the International Conference on Advancements in Power, Communication and Intelligent Systems (APCI), Kannur, published in the IEEE Explore on 6<sup>th</sup> August 2024.

Mr.Edward Naveen V, Ms. Dhivya S, Dr. M. Joe Marshall A.P (Sr.G), Mr. K Arul Jeyaraj, and Ms. Jenefa presented a paper titled 'Securing Vehicle-to-Everything (V2X) Communication in AI-Empowered Electric Vehicles' at the International Conference on Intelligent Cyber Physical Systems and Internet of things (ICoICI), Coimbatore on 28-30 August 2024.

## Department of Information Technology

Dr.S.Sekar, A.P(Sel.G) published a paper titled 'Smart Assistant Essential Voice Interaction (EVI Assistant)' in Journal of Artificial Intelligence and Capsule Networks (ISSN: 2582-2012) September 2024, Volume 6, Issue 3.

Dr.D.Sridevi, A.P(Sr.G) published a paper titled 'Persistent Patronage Prediction: A Fuzzy Logic Framework for Sustainable Customer Return in the Economics of Business' at Decision Making: Applications in Management and Engineering, Scientific Oasis. Volume 7, Issue 1 (2024) ISSN: 2560-6018, eISSN: 2620-0104

Ms. S. Shenbagavadivu,A.P(Sel.G) published a paper titled 'Smart Agriculture using ML and AI

## Student Affairs Committee

The Student Affairs Committee of SRMVEC organised a career guidance awareness seminar on 'Higher Education Abroad' on 29<sup>th</sup> August 2024 in New Seminar Hall. Ms. Yamini M.S., Manager Admission, Manya Education Pvt Ltd delivered a presentation on the opportunities in higher education in countries abroad for students from all the departments. She briefly explained the eligibility requirements and the scholarship details for higher education in Canada, Singapore, US and other European countries to the students. She provided insights on how to prepare for GRE, TOEFL, IELTS examinations, its eligibility requirements, and the importance of learning other foreign languages for the students.

This seminar was organised to benefit students by providing career guidance on pursuing higher education at universities abroad. The Coordinators of SAC Dr. N. Usha Bhanu, Prof. & Head – MDE, and Dr. M. Senthil Kumar, Prof & Head CYS with the support of other department coordinators organised the seminar effectively. The students were able to clarify their doubts regarding entry criteria, fee structure and scholarship details from the resource person. A total of 148 students from different UG departments participated and benefited from the Seminar.



Career Guidance Awareness Seminar on 'Higher Education Abroad'

The Student Affairs Committee of SRMVEC organised an expert seminar on Transactional Analysis (Verbal Psychology) on 26<sup>th</sup> September 2024 for UG/PG students in old Seminar Hall, Admin block. Mr.K.Virumandhi, M.Sc. (C & P), Student Counsellor, SRM VEC, Registered Member of British Association for Counselling and Psychotherapy (BACP-UK) delivered an interactive presentation on transactional analysis and techniques for balancing mental health to achieve in academics and chosen career paths. He briefly explained significant concepts such as handling self-doubt, goal - setting and study techniques to help students balance their academic and mental wellbeing.

This seminar was organised to benefit students by providing insights into self - introspection for meaningful career growth and strategies to maintain balanced mental well- being. The Coordinators of SAC Dr. N. Usha Bhanu, Prof. & Head – MDE, and Dr. M. Senthil Kumar, Prof & Head CYS with the support of other department coordinators organised the seminar effectively. The students clarified their doubts and engaged in an active interactive session with the resource person. Totally, 166 students from various UG/ PG departments participated and benefited from the Seminar.



Expert Seminar on Transactional Analysis (Verbal Psychology)

Algorithms' in Grenze International Journal of Engineering and Technology, June Issue

Ms. S. Shenbagavadivu, A.P (Sel.G) published a paper titled 'Top From The Editor-In-Chief of The International Journal of Remote Sensing' at College of Engineering Guindy, Anna University, Chennai.

Ms. S. Shenbagavadivu, A.P(Sel.G) filed a patent titled 'System and Method for Optimized Crop Recommendation and Soil Texture Classification', at Intellectual Property India.

Ms. S. Shenbagavadivu, A.P(Sel.G), Department of IT, delivered a lecture on the topic 'Value Added Course on Business Data Analytics and Intelligence with Python' between March 2024-May 2024 in a workshop organised by SRM VEC Department of Management Studies.

Ms. S. Shenbagavadivu, A.P(Sel.G) participated in a five-day FDP on 'Effective Proposal Writing for Extramural Funding & Patentability of Ideas and Design' organised by IQAC, Department of Research & Consultancy and IPR Cell, KCG College of Technology, from 2<sup>nd</sup> July 2024 to 6<sup>th</sup> July 2024.

Ms. S. Sandhya, A.P participated in an 'Industry workshop on Generative AI' organised by Computer Society of India, Kolkata Chapter held on 6<sup>th</sup> July.

Ms. S. Kiruthika, A.P participated in a workshop titled 'Industry workshop on Generative AI' organised by Computer Society of India, Kolkata Chapter held on 6<sup>th</sup> July.

Ms. S. Sandhya, A.P participated in a FDP on 'Effective Proposal Writing for Extramural Funding & Patentability of Ideas and Design' organised by IQAC, Department of Research & Consultancy and IPR Cell, KCG College of Technology, from 2<sup>nd</sup> to 6<sup>th</sup> July 2024.

Ms. U. Chindiya Baby, A.P participated in a FDP on 'Essential Skills for Professional Development in Higher Education' organised by Star International Foundation for Research and Education, Tiruchengode - 637211, Namakkal-Dt, Tamil Nadu from 1<sup>st</sup> to 7<sup>th</sup> July 2024.

Ms. U. Chindiya Baby, A.P participated in a FDP on 'Exploring the Frontiers of Artificial Intelligence: Theory, Application & Ethics' organised by Prathyusha Engineering College, Poonamallee-Thirivallur High Road, Thiruvallur-602025, Tamilnadu from 8<sup>th</sup> to 12<sup>th</sup> July 2024.

Ms. I. Kavitha, A.P attended 'Microsoft Copilot, Google Gemini & Claude AI' workshop organised by Skill Nation.

Ms. I. Kavitha, A.P completed the 'Artificial Intelligence & Data Analytics' Boot Camp organised by NoviTech R&D Pvt. Ltd.

Ms. B. Ahamed Samathani, A.P participated in the FITP 'XAI Technology' Online FDP organised by SRM IST, Ramapuram, Chennai from 8<sup>th</sup> to 12<sup>th</sup> July 2024.

Ms. Kanmani, AP participated in an FDP on 'Emerging Trends in Information and Communication Engineering - A Teaching and Learnign Approach' organised by ST. Joseph College of Engineering, Chennai-602 117 from 15<sup>th</sup> to 20<sup>th</sup> July 2024.

Ms. B. Ahamed Samathani, A.P participated in an FDP 'Evolution of Generative AI- Past, Present and Future' organised by METHODIST College of Engineering and Technology, Hyderabad, from 19<sup>th</sup> to 24<sup>th</sup> August 2024.

Ms. Kanmani, A.P participated in an FDP 'Evolution of Generative AI- Past, Present and Future' organised by METHODIST College of Engineering and Technology, Hyderabad held from 19<sup>th</sup> to 24<sup>th</sup> Aug. 2024.

Ms. B. Ahamed Samathani, A.P ; Ms.D.Nisha, A.P participated in an FDP on 'Artificial Intelligence and Data Analytics ' organised by Mandanapalle Institute of Technology and Science from 16<sup>th</sup> to 20<sup>th</sup> Sept. 2024.

Ms. S. Jonisha, A.P participated in an 'Interpretability of AI Models' organised by Department of Computer Science and Engineering, CHRIST The King Engineering College from 9<sup>th</sup> to 13<sup>th</sup> September 2024.

Ms. S. Shenbagavadivu, A.P(Sel.G) received a certificate of excellence for reviewing the journal titled 'Certificate of Excellence in Reviewing' on 23<sup>rd</sup> July 2024.

Ms. I. Kavitha, A.P and Ms. D. Nisha, A.P received an FDP certification after successful completion of the NPTEL course 'Data Base Management System' during the period July to September 2024.

Mr. Balaji S., III Year IT1 was selected as Best Trainer in the field of keyboard in Raaba Media's which was held during 27<sup>th</sup> September 2024 organised by Raaba Media & Groups.

## Department of Artificial Intelligence and Data Science

Dr.B. Muthusenthil, Head & Professor Department of Artificial Intelligence and Data Science attended an industry expert talk on 'AI agents' at SIPCOT industrial area, Guindy on 20<sup>th</sup> July 2024.

Dr.B. Muthusenthil, Head & Professor Department of Artificial Intelligence and Data Science attended an industry expert talk on 'M2P Fintech' at Guindy on 27<sup>th</sup> July 2024.

The orientation ceremony of ROTARACT club was held on 06<sup>th</sup> July 2024 for which Mr. Rtr. UDHAYA KUMAR was the Chief Guest for 23 beneficiaries (including 16 officials).

The installation ceremony of the ROTARACT club was held on 29<sup>th</sup> July 2024 in the presence of Dr.B.Chidhambara Rajan, Director SRMVEC;

Mr.Sakthi, Dr.P.Ravisekaran, Rtn. Manikandan Dr.M.Murugan, Principal, Dr.S. Visalakshi, Vice Principal; Dr.B.Muthusenthil, Head & Professor Department of Artificial Intelligence and Data Science, Rtn.M.Suresh Kumar, Rtn.Michael Rosario and Rtn.M.Rajan Babu, including 141 Rotaract members and all officials.



Installation ceremony of the ROTARACT club

An event titled 'Pudhu Varalare' was organised by the ROTARACT club on 19<sup>th</sup> June 2024 for which The Headmaster of Boys Government Higher Secondary School ,Nandivaram, Guduvancheri, was invited as the guest involving 7 Rotaract officials (including 14 school students).



'Pudhu Varalare' was organised by the ROTARACT Club

Dr.B. Muthusenthil, Head & Professor Department of Artificial Intelligence and Data Science attended a workshop titled 'Get Cre-AI-Tive: To Kickstart your Gen AI Journey' at M2P Fintech, Guindy on 4<sup>th</sup> Aug. 2024.

Ms. M. Abinaya, Assistant Professor (O.G) Department of Artificial Intelligence and Data Science attended an AI/ML for Geodata Analysis conducted by Indian Institute of Remote Sensing, ISRO from 19<sup>th</sup> to 23<sup>rd</sup> August 2024.

Abishek A of 2<sup>nd</sup> year received the first prize in PROMPTKRAFT at AI Cognitron (Technical Club) held on 22<sup>nd</sup> August 2024.

N.Mukesh of 2<sup>nd</sup> year received the second prize in PROMPTKRAFT at AI Cognitron (Technical Club) held on 22<sup>nd</sup> August 2024.

Balavignesh.A.U of 2<sup>nd</sup> year received the second prize in PROMPTKRAFT at AI Cognitron (Technical Club) held on 22<sup>nd</sup> August 2024.

Priya Dharshini S of 2<sup>nd</sup> year won the 3<sup>rd</sup> prize in Logical Storm Event conducted by CSI, held on 29<sup>th</sup> July 2024 at SRM Valliammai Engineering College.

Savishnu. L of 2<sup>nd</sup> year got the second prize in PROMPTKRAFT at AI Cognitron (Technical Club) held on 22<sup>nd</sup> August 2024.

Kavirajan.E of 2<sup>nd</sup> year got the third prize in PROMPTKRAFT at AI Cognitron (Technical Club) held on 22<sup>nd</sup> August 2024.

Vijayarshan and Rohan Raaj of 2<sup>nd</sup> year received the first prize (Cash Award: Rs. 3000/-) in Conoscenza held on 31<sup>st</sup> August 2024, at St.Joseph Engineering College.

Ram sundar S, Ashwin M, Sadhan Raj U, Sanjai krishnan A K of 2<sup>nd</sup> year received the second prize in Flarendo'24 held on 28<sup>th</sup> August 2024, at Sai Ram Engineering College.

Annet.A of 2<sup>nd</sup> year received the third prize in PROMPTKRAFT at AI Cognitron (Technical Club) held on 22<sup>nd</sup> August 2024.

The event 'PROMPTKRAFT' was conducted by the AI Cognitron technical club on 22<sup>nd</sup> August 2024, in which 29 students participated



'PROMPTKRAFT' conducted by the AI Cognitron Technical Club

A Guest lecture on 'The Future of AI trends & Predictions for the Next Decade' was organised on 12<sup>th</sup> August 2024 for 2<sup>nd</sup> year students, with Dr. Arvin Subramanian, AI Solution Specialist, Alparithm Technologies Pvt Ltd. as the resource person.

Dr. B. Muthusenthil, Head & Professor Department of Artificial Intelligence and Data Science successfully completed an NPTEL course on the topic, 'Demystifying Networking'.

Krithik Aditya S, Shyam Ganesh S, Suja M, Theresh R of final year secured third place on a 'Hackathon' event organised by SSN College of Engineering and received a cash Prize of Rs. 1,000.

Tamilselvan D V of 2<sup>nd</sup> year secured third prize in the event, 'Building from Scratch', at SRM Valliammai Engineering College held on 25<sup>th</sup> September 2024.

Santhosh M, Rahul D, Ramsundar M J of 3<sup>rd</sup> year secured second prize in the event, 'Breaking Brain', at SRM Valliammai Engineering College held on 25<sup>th</sup> September 2024.

Workshop on 'Introduction to Gemini AI' was conducted for both 2<sup>nd</sup> and 3<sup>rd</sup> year students (total 125) on 18<sup>th</sup> September 2024 with Mr.Jagdeesh Gopal,

B.E., Senior Azure Network Engineer, Microsoft, Hyderabad, as the resource person.



Guest lecture on 'The Future of AI trends & Predictions for the Next Decade'

On Teachers Day, Rotaract club conducted an event titled 'Pudhu Varalaar' in the presence of Dr.M.Murugan, Principal, SRM Valliammai Engineering College, including 25 Students (Rotaract Officials).



Teachers Day, Rotaract club event 'Pudhu Varalaar'

Pudhu Varalaar (Rotaract Event) was conducted on 17<sup>th</sup> September 2024 including 7 rotaract officials with Dr.B. Chidambara Rajan, Director, SRM Valliammai Engineering College as the Guest of Honour.



Pudhu Varalaar (Rotaract Event)

Maatram, a Rotaract Event was conducted from 25<sup>th</sup> to 28<sup>th</sup> September 2024 with Dr. M. Murugan,



Maatram, a Rotaract Event

Principal, SRM Valliammai Engineering College as the guest of honour. 37 students participated in the event of which 26 were Rotaract Officials.

An event named Breaking Brain (Technical Event) was conducted by AI Cognitron under the guidance of Dr.B. Muthusenthil, Head & Professor Department of Artificial Intelligence and Data Science on 25<sup>th</sup> September 2024 in which 42 students from various departments participated (AI&DS, CSE, IT, Cybersecurity).



Breaking Brain (Technical Event)

Rotaract Club, in collaboration with the National Service Scheme (NSS) of SRM Valliammai Engineering College, successfully organised an Aadhaar Enrolment and Update Camp from 04<sup>th</sup> to 06<sup>th</sup> October 2024.



Aadhaar Enrolment and Update Camp

59 students and 2 staff members from the Department of AI & DS went on an Industrial Visit to M.S. Swaminathan Research Foundation, Tharamani, Chennai on 24<sup>th</sup> September 2024.



Industrial Visit to M.S. Swaminathan Research Foundation

Two Staff Members along with 63 students from the Department of AI & DS went on an Industrial Visit to Birla Planetarium, Child Playing Park, Duraisamy Nagar, Kotturpuram, Chennai on 26<sup>th</sup> Sept. 2024.



Industrial Visit to Birla Planetarium

The Rotaract Club of SRM Valliammai Engineering College successfully organised 'Karam Koduppom: We Stand with Wayanad' initiative on 05<sup>th</sup> August 2024. This event, held during a critical time, aimed to provide essential relief materials to the people affected by the tragic Wayanad landslides.



'Karam Koduppom: We Stand with Wayanad'

## Department of Mechanical Engineering

The Department of Mechanical Engineering, in association with the Society of Automotive Engineers, Renewable energy club, Indian Society for Technical Education, Institution's Innovation Council and Industry-Institute Partnership Cell organised a Guest lecture on 'Advancements in Automation safety' on



Guest lecture on 'Advancements in Automation Safety'

16<sup>th</sup> August 2024. Around 53 participants including faculty members, students from our college participated in this Guest lecture. The guest speaker was Mr. S. Prabakar, Regional OHS Manager, Ford (P) Ltd, Chennai.

The Department of Mechanical Engineering, in association with the Society of Automotive Engineers, Renewable energy club, Indian Society for Technical Education, Institution's Innovation Council and Industry-Institute Partnership Cell organised a Guest lecture on 'Industry Automation' on 30<sup>th</sup> August 2024. Around 69 participants including faculty members, students from our college participated in this Guest lecture. The guest speaker was Mr.K.V.Dhayaanidhi, ME (CIM), Assistant Manager, PHA India - CAE Engineer, Chennai.



Guest lecture on 'Industry Automation'

The Department of Mechanical Engineering in association with the Society of automotive Engineers, Renewable energy club, Indian Society for Technical Education, Institution's Innovation Council and Industry-Institute Partnership Cell organised the 11<sup>th</sup> National Level Technical Symposium - 'MEQNZO24' on 31<sup>st</sup> August 2024. The Chief Guest Mr. Narayan Vijayakumar, DGM, Test Lab. MRV, Mahindra and Mahindra, Chennai, addressed the gathering about the Importance of Mechanical Engineering, Intrusion of Other Advanced fields like Computer Science, AI, ML, DS etc. He also reiterated the importance of keeping abreast with the Innovations.



National Level Technical Symposium – 'MEQNZO24'

Technical events like Paper Presentation, Idea Expo, Machinist, Part assembly and Mech Quiz were conducted. A total of 51 students from various Engineering colleges across Tamilnadu participated

in the technical events. The winners were awarded cash prizes in the valedictory function.

Second-Year Mechanical Engineering students went on a one-day industrial visit to IP Rings Private Ltd, Maraimalai nagar, on 26<sup>th</sup> September 2024.



Industrial visit to IP Rings Private Ltd, Maraimalai Nagar

## Department of Master of Computer Applications

Dr.R.Thenmozhi, Associate Professor published a paper titled 'Precision Grow: Smart agriculture solution with Machine Learning' at Journal of Computer and Communication Systems Volume 1, Issue 2, Sep - Dec 2024.

Mr. M. Asan Nainar, A.P(Sel.G) participated in the National Level Webinar on 'Generative AI in Healthcare Unlocking New Frontiers in Medical Imaging and Beyond' conducted by CSI Kancheepuram Chapter on 28<sup>th</sup> September, 2024.

Dr.D.Sridevi, Dr.T.Isaiyarasi, Dr.Vijayalakshmi, Dr.Booma, Ms.A.Karpagam, Dr.S.Narayanan was granted the patent titled 'IoT based smart city traffic control system' on 9<sup>th</sup> August 2024.

Dr.R.Thenmozhi, Associate Professor received Elite - NPTEL online certification titled 'Demystifying Networking' during the period Jul-Aug 2024.

Dr.R.Thenmozhi, Associate Professor was granted Rs.7,500 for TNSCST project titled '3D Game Development using VR' under the Student Project Scheme 2023-2024.

Mr.Akash S , Mr. Alex Franklin M , Ms. Gokul Priya A, Mr. Kumanan S and Mr. Prashanth R from I Year MCA participated in the Bug Buster conducted on 19<sup>th</sup> September 2024 organised by the CINTEL Student Association, Department of Computational Intelligence, SRM Institute of Science and Technology, Kattankulathur.

## Department of Master of Business Administration

Students of II-year MBA section 1 visited Adyar Ananda Bhavan Sweets India Pvt Ltd, Ambattur, Chennai on 21<sup>st</sup> August 2024. Students were exposed to various methods and functions of a dairy firm and its processes. Students of II-year MBA section 2

visited Adyar Ananda Bhavan Sweets India Pvt Ltd, Ambattur, Chennai on 22<sup>nd</sup> August 2024. Students were exposed to various methods and functions of a dairy firm and its processes. Students of II-year MBA section 3 visited Adyar Ananda Bhavan Sweets India Pvt Ltd, Ambattur, Chennai on 23<sup>rd</sup> August 2024. Students were exposed to various methods and functions of a dairy firm and its processes.



Industrial visit to Adyar Ananda Bhavan Sweets India Pvt Ltd, Ambattur, Chennai

The Department of Management Studies, SRM Valliammai Engineering College, Kattankulathur, Chengalpattu organised the Workshop titled 'Business Model Canvas' on 28<sup>th</sup> August, 2024. The workshop aims to provide students a platform to showcase their business skills and creativity. Thereby enhancing their innovative and managerial potential. Dr.M.Murugan, Principal, SRMVEC inaugurated the workshop. The HOD Prof. Venkat Muramalla of the Department convened the programme. Ms. Maria Subi Rajan, Founder & CEO, Brand Fox and 'She The Sakthi' - Global Community of Empowered Women was the Chief Guest of this workshop. She addressed and emphasized to the gathering that entrepreneurship skills need to be updated and improved. She also told that "Nowadays business is on the AI Era. The fundamental business slogan is 'Right business plan (idea) for the right business in the right time'. The effective implementation of the business plan with all the requirements is the secret of getting profit and strategy to expand the business with more franchises". Finally, she congratulated the participants and wished them with warm thanks. A competition was held among student teams on



Workshop on 'Business Model Canvas'

presentation of business ideas. The winners were awarded prizes and mementos by the chief guest.

The Department of Management Studies of SRM Valliammai Engineering College, Kattankulathur, organised the Orientation Programme (OP20) for the First Year MBA Students on 4<sup>th</sup> September 2024. On this occasion, Dr.M.Murugan, Principal, SRMVEC inaugurated the orientation programme. The HOD of the Department, Prof. Venkat Muramalla convened the orientation programme. Dr. Rajini Sriraman, Head, HR & Administration, TVS Dynamic Global Freight Services Limited, Chennai was the Chief Guest of this program.



Orientation Programme for the First Year MBA Students

The Department of Management Studies, SRM Valliammai Engineering College, Kattankulathur, organised a Guest Lecture on 'Recent Trends in Digital Marketing' for the First Year MBA Students (Batch 2024 - 2026) on 11<sup>th</sup> September 2024. Dr.M.Murugan, Principal, SRMVEC inaugurated the orientation program. The HOD Prof.Venkat Muramalla convened the orientation programme. Mr.Harishkumar Radhakrishnan, Director - Marketing & Operations, MadMaze Studios Private Limited was the Chief Guest.

The Department of Management Studies, SRM Valliammai Engineering College, Kattankulathur, organised a Guest Lecture on 'Managing Techno Stress and Interpersonal Relationships' for the Second Year MBA Students (Batch 2023 - 2025) on 18<sup>th</sup> September 2024. Dr.M.Murugan, Principal, SRMVEC inaugurated the orientation program. The HOD Prof. Venkat Muramalla convened the orientation programme. Dr. Kabilan, Hypnotherapist and Personal Growth Trainer was the Chief Guest of this Guest Lecture.



Guest Lecture on 'Managing Techno Stress and Interpersonal Relationships'

## Department of Placement & Career Guidance

The Department of Placement & Career Guidance has been working hard to bring more companies for the campus placement. During the tenure July to September 2024 a total of 15 companies were part of the campus drive. 103 students received offer letters.

Four students got placed in VTS Enterprises India Pvt. Ltd. with an annual package of Rs.12. Five students received offer from Kaar Technologies with 6.5 LPA / 8 LPA.

In MulticoreWare India (P) Ltd. three students were placed with Rs.7.2 Lakhs per Annum. 48 students got placed in Hexaware Technologies with Rs.4.00 Lakhs per Annum. 32 students from the Department of Information Technology received offer from Cognizant with Rs.4 / 5.4 / 6.75 LPA.

The campus placement process is still in progress for the academic year 2025-26.

## Department of English

The Department of English, under the auspices of Eclectic Lingua organised a workshop 'Writing a winning resume' for the third year students on 1<sup>st</sup> August 2024. Dr.P.Santhosh, (Asst. Prof) Vels Institute was the resource person for the day.

The Department of English, under the auspices of Eclectic Lingua organized a workshop 'Assertive verbal skills' on 8<sup>th</sup> August 2024. Dr. Emmanuel Rajkumar(Asst. Prof), D.G. Vaishnav College was the resource person for the day.



Workshop 'Assertive verbal skills'

The Department of English, under the auspices of Eclectic Lingua organised a workshop on 'Speak up - Basic English Skills for a Better workplace workshop'



Workshop for Non teaching staff

for Non teaching staff on 9<sup>th</sup> August 2024. The staff members of the department of English were the resource persons for the day.

Dr.M.Chithra, Head, Dept of English and Dr.R.Geetha/A.P (Sr.G) published a paper titled 'Impact of Culturally Relevant Listening Materials in Improving SEL Learners' Comprehension and Engagement' in the Journal of the Oriental Institute: ISSN: 0030-5324, Vol 20, Issue. 02, No. 10: 2024.

Dr.M.Chithra, Head, Dept of English and Dr.R.Geetha/A.P (Sr.G) published a paper titled 'The Flipped Classroom : Improving Critical Thinking for Critical Reading of ESL Learners in Higher Education' in the Journal of the Oriental Institute: ISSN: 0030-5324, Vol 20, Issue. 02, No. 10, 2024.

Dr.Sheeba Manodh/A.P (Sel.G) published a paper titled 'Challenges in English Language Teaching in India in the Present Scenario' in YMER, ISSN:0044-0477, Vol 23 Issue, 7 Jul 2024(Scopus Active 2024).

Dr.Sheeba Manodh/A.P (Sel.G) published a paper titled 'Ethical considerations in the use of technology in Arts and Literature' YMER, ISSN:0044-0477, Vol 23 Issue 8, August 2024 (Scopus Active 2024).

Dr.Sheeba Manodh/A.P (Sel.G) published a paper titled 'Evaluating the impact of Automated Feedback Systems on ESL Student Performance : A Qualitative Analysis in the Journal of the Oriental Institute: ISSN: 0030-5324, Vol 20, Issue. 02, No. 10, 2024.

Dr.V.Jayanthi/A.P (Sr.G) published a paper titled 'Role of Interpersonal Skills in Career Development' in the International Journal of Cultural Studies and Social Sciences, ISSN 2347-4777 Vol 20 Issue 02 No.09, July 2024.

Dr.M.Arthi/A.P (Sr.G) published a paper titled 'The Role of Developing Thinking Skills in the ESL Classroom' in the International Journal of Cultural Studies and Social Sciences, ISSN 2347-4777 Vol 20 Issue 02 No.09, July 2024.

Dr.M.Chithra, Head, Dept of English , Dr Sheeba Manodh/A.P (Sel.G), Dr. Geetha/A.P (Sr.G) Dr.V.Jayanthi/A.P (Sr.G), Dr. M.Arthi/A.P (Sr.G), Mr.Abhishek David John/A.P (Sr.G) and Ms.S.Roshan Fathima/A.P (O.G) were part of the Institution Social Responsibility programme. The staff members conducted a workshop for the students of CSI EWARTS Christian College on 22nd August where they emphasised the importance of communication by means of lectures and interesting interactive activities.

The department of English, under the auspices of Burke Club organised a Block and Tackle Competition for the first year students on 26<sup>th</sup> September 2024 . The first year students displayed their talents with great enthusiasm. Dr.R.Geetha Assistant Professor (Sr.G) and Dr Sheeba Manodh/A.P (Sr.G) from the Dept of English were the judges for

the competition. Dr.Sheeba Manodh A.P (Sel.G) was the coordinator of the programme.

Ms.Roshan Fathima emerged as Topper with silver medal in the NPTEL course on Perspectives on NeuroLinguistic' during Jul-Aug 2024.

## Department of Physics

Nine faculty members from the Department of Physics went on an industrial visit to Royal Enfield in Oragadam, Tamil Nadu on 27<sup>th</sup> August 2024.

Dr. R. Nithyabalaji, Associate Professor and Dr.Ramya Rajan M.P, Assistant Professor published a chapter in the International Book,' Current Research Progress in Physical Science Vol. 3, ISBN: 978-93-48006-29-5, DOI: 10.9734/bpi/crpps/v3/2021.

Dr. Ramya Rajan M.P, Assistant Professor published a chapter in the book titled 'Paradigm: Multidisciplinary Research for a Changing World' Vol. 2, ISBN: 978-93-5809-078-9, DOI: 10.25215/9358090782.

Ms. R. Sasireka, Assistant Professor, Ms.S.Sowmiya Assistant Professor and Dr.Ramya Rajan M.P, Assistant Professor emerged as toppers in the NPTEL online certification examination for the course 'Structural Analysis of Nanomaterials' during the period July to August 2024.

Dr.R. Nithyabalaji, Associate Professor and Dr.S.Gandhimathi, Associate Professor successfully completed the NPTEL online certification examination for the course 'Structural Analysis of Nanomaterials' during the period July to August 2024.

## Department of Chemistry

Dr. M. Soundarrajan, Assistant Professor (O.G), Dr.L.Devaraj Stephen, Associate Professor and Dr.S.G.Gunasekaran, Assistant Professor (O.G) filed a patent in IPR on 'Examination of chitosan coated carbon blended vermiculite composite: Biosorption towards efficient remediation of toxic heavy metal ions Cr6+ and Cd2+ for wastewater treatment in various factors-pH, adsorbent dosage and contact time' on 12<sup>th</sup> August 2024.

Dr. L. Devaraj Stephen, Associate Professor, Mr.V.Arivalagan, Assistant Professor (Sr.G), Ms.M.Meera, Assistant Professor (O.G), Dr.S.G.Gunasekaran, Assistant Professor (O.G), Dr.P.Maheswari, Assistant Professor (O.G) successfully completed the NPTEL Online Course on 'Energy Conversion Technologies (Biomass and Coal)' during September 2024.

Dr. L. Devaraj Stephen, Associate Professor, Dr.N.Jayaprakash, Assistant Professor (Sr.G) and Dr.S.G.Gunasekaran, Assistant Professor (O.G) successfully completed the NPTEL Online Course on

'Selection of Nanomaterials for Energy Harvesting and Storage Application' during September 2024.

Dr. J. Krishnamurthi, Assistant Professor (Sr.G) received an Elite certification in NPTEL Online Course on 'Metal Mediated Synthesis' during September 2024.

Dr. P. Varun Prasath, Assistant Professor (O.G) published a paper titled 'An Alternative Approach in the Synthesis of Strontium-Hydroxyapatite and Strontium Hydroxyapatite Embedded in Graphitic Carbon Nitride Nanocomposites for Potential Tissue Engineering Applications' in the Diamond & Related Material journal, on 2<sup>nd</sup> September 2024.

Dr. N. Jayaprakash, Assistant Professor (Sr.G) was awarded the Certificate of Excellence in Reviewing by 'Ionics' in recognition of his outstanding contribution to enhancing the quality of the journal on 13<sup>th</sup> September 2024.

Dr. P. Maheswari, Assistant Professor (O.G) published a paper titled 'Fabrication and characterization of poly (methyl vinyl ether maleic anhydride) blended poly (lactic acid) ultrafiltration membrane with upgraded antifouling and separation performance' in the Process Safety and Environmental Protection, on 17<sup>th</sup> September 2024.

In the National Conference on Recent Advancements in Chemistry and Environmental Sciences (RACES-2024) organised by SRM Institute of Science and Technology Ramapuram, Chennai, on 27<sup>th</sup> September 2024, three faculty members from the Department of Chemistry presented papers.

Dr. L. Devaraj Stephen, Associate Professor presented a paper on 'Interactions of Co(III)(L)<sub>3</sub> and Nm-TiO<sub>2</sub> in the Quest for Photocatalytic Mastery in the Binary Solvent Medium'.

Dr. S. G. Gunasekaran, Assistant Professor (O.G) presented a paper on 'Synthesis and Characterization of Phenyl Pendant Pyridine Core Polybenzoxazine and Multi-Walled Carbon Nanotube Reinforced (MWCNT/PBZ) Nanocomposites'.

Dr. M. Meera, Assistant Professor (O.G) presented a paper on 'Nanopolyurethane Thiophenyl Pendant Pyridine Core Imine Skeletal Polybenzoxazine (NPU/PBZ) Hybrid Nanocomposites'.

Dr. N. Jayaprakash, Assistant Professor (Sr.G) was awarded the Certificate of Excellence in Reviewing by 'Discover Materials' in recognition of his outstanding contribution to enhancing the quality of the journal on 28<sup>th</sup> September 2024.

In the International Conference on Advance Innovative Materials in Chemistry (ICAIMC 2024) organised by KMG College of Arts and Science (Autonomous), Gudiyatham, on 24<sup>th</sup> September 2024, the following staff members from the Department of Chemistry participated and presented their papers.

Dr. L. Devaraj Stephen, Associate Professor presented a paper on 'Strategic Photoreduction of

CoIII(pn)<sub>2</sub>Cl(L)<sub>2</sub>+ with nm-TiO<sub>2</sub>: A Quantitative Approach for Heavy Metal Complexes in Wastewater Treatment'.

Dr. J. Krishnamurthi, Assistant Professor (Sr.G) presented a paper on 'Synthesis, characterization and in vitro anti-diabetic activity studies of 1-(2,4,6-trimethoxybenzyl)-2-(2,4,6-trimethoxyphenyl)- 1H-benzo[d]imidazole'.

Dr. N. Jayaprakash, Assistant Professor (Sr.G) presented a paper on 'Waste Eggshell and Orange Peel Powder based CaO/carbon Composite - Synthesis and Characterization'.

Dr. M. Soundarrajan, Assistant Professor (Sr.G) presented a paper on 'Isothermal Kinetic Study of Bio-Sorption of Chromium Toxic Metal from Waste Water Remedies'.

Dr. S. G. Gunasekaran, Assistant Professor (O.G) presented a paper on 'Multi-walled Carbon Nanotubes Reinforced Maleimido Terminal Thiophenyl Pendant Pyridine Core Polybenzoxazine (MWCNT/PBZ) Hybrid Nanocomposites'.

Mr. V. Arivalagan, Assistant Professor (Sr.G) presented a paper on 'Nanotitania Reinforced Imine Skeletal Vanillin Based Polybenzoxazine (nTiO<sub>2</sub>/PBZ) Nano Composites'.

Dr. M. Meera, Assistant Professor (O.G) presented a paper on 'Cardanol Pendant Thiophenyl End Capped Imine Skeletal NanoCeO<sub>2</sub> Cashew Nut Shell Liquid (Cnsl)'.

Dr. P. Maheswari, Assistant Professor (O.G) presented a paper on 'Synthesis and characterization of PVDF/PSF/PEG thin-film composite ultrafiltration membranes'.

Dr. P. Varun Prasath, Assistant Professor (O.G) presented a paper on 'An alternative approach in the synthesis of strontium-hydroxyapatite and strontium hydroxyapatite embedded in graphitic carbon nitride Nano composites for potential tissue engineering applications'.

Ms. S. Charumathi, Teaching & Research Associate presented a paper on 'Hybrid membranes composed of Polyvinylidene Fluoride (PVDF) doped with PSF/TiO<sub>2</sub> nanoparticles'.

Dr. N. Jayaprakash, Assistant Professor (Sr.G) was awarded the Certificate of Excellence in Reviewing by 'Discover Applied Sciences' in recognition of his outstanding contribution to enhancing the quality of the journal on 4<sup>th</sup> October 2024.

In the International Conference on Multifunctional Advanced Materials (ICMAM - 2024), organised by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai from 28<sup>th</sup> to 30<sup>th</sup> October 2024, two staff members from the Department of Chemistry presented papers.

Dr. N. Jayaprakash, Assistant Professor (Sr.G) presented a paper on 'Studies on Mo-doped bismuth vanadate yellow pigment'.

Ms. S. Charumathi, Teaching & Research Associate presented a paper on 'Synthesis and analysis of a composite membrane comprising Polyvinylidene Fluoride (PVDF) incorporated with a blend of Polyethyleneimine (PEI) and Polyvinylpyrrolidone (PVP)'.

Dr. P. Maheswari, Assistant Professor (O.G) presented a paper on 'Thin-film composite ultrafiltration membranes composed of PVDF/PEI and n-TiO<sub>2</sub>'.

The Department organised a Guest Lecture on 'Surface Chemistry and Catalysis' on 25<sup>th</sup> October 2024. Dr. S. Narayanan, Deputy Manager (R & D), Manali Petrochemical Ltd, Chennai, Tamil Nadu was the Resource Person. Around 93 students, from various departments and faculty members from multiple institutions attended the guest lecture.



Guest Lecture on 'Surface Chemistry and Catalysis'

## Department of Mathematics

Ms. V. Nagarani /Assistant Professor (O.G) attended one week online International FDP on 'Numerical Computations and Dynamical Systems' from 22<sup>nd</sup> July to 26<sup>th</sup> July 2024.

Ms. S. Ramya /Assistant Professor (O.G) attended one week online FDP on 'Application of Differential Equation' from 10<sup>th</sup> July to 15<sup>th</sup> July 2024.

Dr. M. Palanikumar /Assistant Professor (O.G), Mr.L. Mohan /Assistant Professor (O.G) published a paper titled, 'Real-Life Applications of New Type Spherical Fuzzy Sets and Its Extension Using Aggregation Operators', in the International Journal of Analysis and Applications, (2024), 22:131, 1-18.

Dr. M. Palanikumar /Assistant Professor (O.G), V.Nagarani /Assistant Professor (O.G), M.H.A. Aysha Chithukka / Assistant Professor (O.G) published a paper titled, 'Different Partial Prime Bi-Ideals and Its Extension of Partial Ternary Semirings', in the International Journal of Analysis and Applications, (2024), 22:145, 1-15.

Dr. M. Palanikumar /Assistant Professor (O.G) published a paper titled, 'Generalization of primary and semiprimary bi-ideals of non-commutative rings',

in the Asia Pacific Journal of Mathematics, (2024), 11:81, 1-13.

Mr. N. Sundarakannan /Assistant Professor (O.G), Dr. T. Isaiyarasi, Associate Professor/ HOD, Ms.V.Nagarani /Assistant Professor (O.G), Mr.D.Captain Prabakaran /Assistant Professor (O.G), M.H.A. Aysha Chitukka /Assistant Professor (O.G) published a paper titled, 'Multi-Party Key Agreement Protocols using Conjugacy Search Problem in Five dimensional Discrete Heisenberg Group', in the journal of Communications on Applied Non Linear Analysis, August 2024, 1-13.

The Mathematics Association 'EULER.COM' in association with IIC organized a Guest Lecture on the topic 'Vector Calculus and its Applications' on 27<sup>th</sup> September 2024 for the first year students of SRM Valliammai Engineering College. The lecture was delivered by Dr. K. Deepa, Assistant Professor, Department of Mathematics, Shiv Nadar University, Chennai. The lecture started with the basic concepts of Calculus. She explained the various real time applications of Calculus such as, fluid dynamics and electromagnetism, Day to day Activities, Zenos Dichotomy, Greens Theorem, Divergence Theorem and measuring area from a boundary using planimeter.



Guest Lecture on 'Vector Calculus and its Applications'

M. Palanikumar /Assistant Professor (O.G) published a paper titled, 'Complex Pythagorean neutrosophic normal interval-valued set with an Aggregation operators using score values', Elsevier, Engineering Applications of Artificial Intelligence, (2024), 1317, 1-29.

M.Palanikumar/Assistant Professor (O.G) published a paper titled, 'Characterization of bipolar neutrosophic sets to novel concept of complex Q bipolar neutrosophic sets using bisemirings', International Journal of Neutrosophic Science, (2024), 22(5), 233-253.

Dr.A.N.Revathi /Assistant Professor (O.G) and A.Karpagam /Assistant Professor (O.G) published a paper titled, 'An effective method of analysing student performance using fuzzy numbers', in the journal of Advances in fuzzy systems, Volume 2024, pp. 1-8, September 2024.

M. H.A. Aysha Chitukka /Assistant Professor (O.G) attended a One-Day 'National Workshop on Graph Theory', conducted online by the Sridharacharya Academy of Mathematical Sciences (SAAMS) on 22<sup>nd</sup> September 2024.

M. H.A. Aysha Chitukka /Assistant Professor (O.G) attended a Two days Faculty Development Program on 'Application of Mathematics in Engineering and Artificial Intelligence' conducted online by Anand Institute of Higher Engineering and Technology on 23<sup>rd</sup> & 24<sup>th</sup> September 2024.

## SPORTS



Our SRM VEC Basketball Women's team participated in the State Level Inter Collegiate Basketball Women Tournament organised by Sree Raghavendra Basketball Club, Chennai on 09<sup>th</sup> July 2024.

As a part of the celebration of our Chairman Sir's Birthday, the Department of Physical Education organised The Chairman's Birthday Trophy 2024 a State Level Inter School Basketball (Boys) Tournament on 13<sup>th</sup> & 14<sup>th</sup> July 2024 at SRM Valliammai Sports Complex.

Our SRM VEC Student Mr.M.Vikkass Shethra Balan, III-ECE, won the First Place in the Men's Open Jumbled Doubles and Third Place in Men's Open Doubles in a State Level Badminton Tournament held at Tirunelveli on 21<sup>st</sup> July 2024.

Our SRM VEC Basketball Women's team won the Bronze Medal in the Founder's Birthday trophy, All India Level Inter Collegiate Basketball Women Tournament organised by SRM IST, Kattankulathur on 7<sup>th</sup> August 2024.

Our Principal, DPE and students participated in the Anna University Annual Sports Award function organised by Anna University Sports Board, Chennai on 8<sup>th</sup> August 2024 and received awards and certificates.

Our SRM VEC Student Mr.M.Vikkass Shethra Balan, III-ECE, won the Bronze Medal in the Men's Open Doubles State Level Badminton Tournament held at Namakkal, on 4<sup>th</sup> Aug. 2024.



## National Conference



The Department of Civil Engineering, in association with the Institution of Engineers (I), Indian Society for Technical Education, Institution's Innovation Council, Internal Quality Assurance Cell and Industry-Institute Partnership Cell organized National Conference titled 'Recent Trends & Innovations in Civil and Agricultural Engineering (RECTICA'24)' on 17<sup>th</sup> April 2024. The Chief Guest for the conference was Dr. C. Umarani Director, Centre for Research, Anna University, Chennai. Around 100 participants from our institution and outside colleges participated.



Our SRM VEC Basketball Men's team won the Silver Medal in the State Level Inter Collegiate Basketball Men Tournament organised by Tamil Nadu Physical Education and Sports University, Chennai on 29<sup>th</sup> August 2024.

Our SRM VEC Basketball Men's team won the Gold Medal at 3<sup>rd</sup> Seshu Memorial Basketball Men Tournament held in Andhra Pradesh from 2<sup>nd</sup> to 3<sup>rd</sup> September 2024.

Department of Physical Education successfully organised the SRM VEC 26<sup>th</sup> Year Foundation Day Trophy 2024, a State Level





Inter School Ball Badminton Boys and Girls Tournament from 7<sup>th</sup> to 8<sup>th</sup> September 2024.

Department of Physical Education successfully organised Anna University Zone IV Badminton Men tournament on 11<sup>th</sup> September 2024 and Ball Badminton Men and Basketball Women tournament on 30<sup>th</sup> September 2024.

Our SRM VEC Badminton Men's team won the Gold Medal in the Anna University Zone IV Badminton Men Tournament organised by SRM VEC on 11<sup>th</sup> September 2024.

Our SRM VEC Tennis Men's team won the Gold Medal in the Anna University Zone IV Tennis Men Tournament organised by Sri Sairam Institute of Technology on 18<sup>th</sup> September 2024.

Our SRM VEC Basketball Men's team won the Gold Medal in the Anna University Zone IV Basketball Men Tournament organised by Prince Sri Venkateswara Padmavathy CET on 23<sup>rd</sup> September 2024.

Our SRM VEC Football Men's team won the Gold Medal in the Anna University Zone IV Football Men Tournament organised by Sri Sairam Engineering College on 24<sup>th</sup> & 25<sup>th</sup> September 2024.

Our SRM VEC Chess Men's team won the Silver Medal in the Anna University Zone IV Chess Men Tournament organised by New Prince Bhavani College of Engineering and Tech. on 28<sup>th</sup> September 2024.

Our SRM VEC Ball Badminton Men's team won the Gold Medal in the Anna University Zone IV Badminton Men Tournament organised by SRM VEC on 30<sup>th</sup> Sept.2024.



Our SRM VEC Basketball Women's team won the Gold Medal in the Anna University Zone IV Basketball Women Tournament organised by SRM VEC on 30<sup>th</sup> Sept. 2024.



Dr. M. Murugan, Principal of SRM VEC, has been awarded the prestigious 'Best Principal Award' by The Institution of Engineers (India) on the occasion of the 57<sup>th</sup> Engineers Day, held on September 15, 2024.



'Best Principal Award'

SRM VEC has been honoured with the prestigious 'Institutional Excellence Award (Engineering) 2024' by The Institution of Engineers (India) on the occasion of the 57<sup>th</sup> Engineers Day.



'Institutional Excellence Award (Engineering) 2024'

SRM VEC hosted Freshers' Day on 4<sup>th</sup> September 2024, welcoming the first-year UG and PG students. The event was graced by Dr. S. Ramachandran, Director of academics, Dr.B.Chidhambara Rajan, Director, Dr. M. Murugan, Principal and Dr. S. Visalakshi, Vice Principal, who addressed the students and wished them success in their new journey. The students were provided with all necessary information and received a warm welcome to the SRM VEC community.



Freshers' Day

24<sup>th</sup> August 2024 marked the birthday of Dr. T. R. Paarivendhar M.P, Founder Chairman, SRM VEC. The occasion was celebrated with great enthusiasm, honouring his vision and leadership. His contributions to the

institution and education were highlighted, inspiring everyone to continue striving for excellence.

SRM VEC has been recognized as one of the Best Engineering Institutes and was rated AAA+ by Careers 360. This prestigious recognition underscores the institution's commitment to academic excellence and holistic development.

SRM VEC signed an MoU with MAHSA University, Malaysia, on 27<sup>th</sup> June 2024, for research collaborations and student internships. This partnership aims to enhance academic exchanges and provide valuable opportunities for students.



MoU with MAHSA University, Malaysia

The 6<sup>th</sup> Academic Council Meeting of SRM VEC was held on 26<sup>th</sup> July 2024. The meeting focused on key academic developments and strategies for enhancing the institution's educational standards.



Academic Council Meeting

On 10<sup>th</sup> September 2024, SRM VEC celebrated its Silver Jubilee, marking 25 glorious years. Dr. Ravi Pachamuthu, Chairman, SRM Group, Ms. Harini Ravi, Correspondent, SRM VEC, Dr.B.Chidambara Rajan, Director, Dr.M.Murugan, Principal and Dr.S.Visalakshi, Vice Principal graced the occasion, releasing the Silver Jubilee Souvenir and reflecting on the significance of the 25-year journey. Distinguished alumni were invited, and various cultural performances were organised to commemorate the milestone.

Research and Development Cell in association with IEEE, ISTE, IETE, IIC and CSI student Branch conducted a faculty induction Programme titled 'Research Initiatives and their Scopes' for the benefits of teaching Staff Members & Full-time / Part-time Research Scholars on 6<sup>th</sup> August, 2024. DR.M.Gulam Nabi Alsath, Deputy Director, Centre for Research, Anna University, Chennai, has carried out an interactive session through online mode. The objective of this workshop is to motivate and enhance the research process. The Programme was coordinated by Dr. S. Ramesh, Prof. from ECE dept. and Dr. M. Joe Marshall, A.P. (Sr.G) from EIE Dept. and convened by Dr. R. Karthik, Prof. & Head R&D, SRM VEC.