



Mrs. R. Harini, Correspondent, lighting Kuthuvilakku on the occasion of 'Placement Day' of SRM Valliammai Engineering College held on 05.08.2022 at SRM Valliammai Engineering College

Civil

Department of Civil Engineering

Department of Civil Engineering, in association with Institution's Innovation Council, Institution of Engineers, Indian Society for Technical Education and Industry-Institute Partnership Cell organized an IIC Ambassador's Expert Talk on 'Innovations and Recent Trends in Civil & Agricultural Engineering' 30th August 2022 from 06:30PM to 07:30PM through Microsoft Teams Platform. Around 90 participants including faculty members and students participated in this online session. The session speaker was Ms.Tharini K, Assistant Professor, Department of Civil Engineering, SRM Valliammai Engineering College.



Expert Talk on 'Innovations and Recent Trends in Civil & Agricultural Engineering'

Department of Civil Engineering, in association with Institution of Engineers, Indian Society for Technical Education, Industry Institute Partnership Cell and Institute Innovation Council organized a Guest Lecture on 'Challenges in Mechanics and It's Application to Civil Engineering' on 15th September 2022 at 10.00 am to 11.30 am. Around 150 participants participated for

this guest lecture. The Guest speaker was Dr.U.Saravanan, Professor, Department Civil Engineering, IIT-Madras.



Guest Lecture on 'Challenges in Mechanics and It's Application to Civil Engineering'

Department of Civil Engineering organized a one day National Level Workshop on 'Design and Construction Using Revit' on 23rd September 2022 at 9.00 am to 4.00 pm to the Civil Engineering students. The Guest speaker was Mr.V.Vijayaragavan, Center Head, CADD Centre, Tambaram and Mr.Kalaiyarasan, Manager-Business Support.



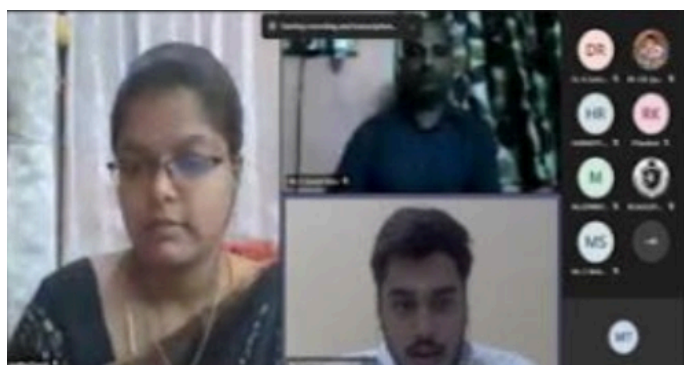
National Level Workshop on 'Design and Construction Using Revit'

MoU with Vernacular Building Solutions (OPC) Pvt Ltd

SRM Valliammai Engineering College, Department of Civil Engineering has signed MoU with Vernacular Building Solutions (OPC) Pvt Ltd for carrier guidelines to students, Research Collaboration, Workshop activities, Students Training Program and Industrial Visit on 30th September 2022.



Department of Civil Engineering, in association with Institution's Innovation Council, Institution of Engineers, Indian Society for Technical Education and Industry-Institute Partnership Cell conducted an National Guest Lecture on 'Empowerment for a Successful Career' on 24th September 2022 at 6.30 P.M to 7.30 P.M through online mode in MS Teams. Around 70 participants participated in this guest lecture. The Guest speaker Ms. A. Nivetha, Assistant Engineer, Highways Department, Government of Tamilnadu, who is 2013-2017 Alumni.



National Guest Lecture on 'Empowerment for a Successful Career'

From Department of Civil Engineering, 83 students and 5 faculty Members went on Industrial Visit to CSIR-Structural Engineering Research Center on 26th September 2022.



Industrial Visit to CSIR-Structural Engineering Research Center

EDITORIAL

The Chief Editor : **Dr. B. Chidhambara Rajan**, Director, SRMVEC
 Editors : **Dr. M. Murugan**, Principal, SRMVEC
 Dr. M. Chitra, Asst. Prof.(Sr.G.), Head, Dept. of English
 Mrs. V. Jayanthi, Asst. Prof.(Sr.G.), Dept. of English
 Layout & Design : **Mr. T. Elavarasu**, Placement Executive

Agricultural

Department of Agricultural Engineering

Final year Agricultural Engineering student, P.Deepika, secured the second prize in the Speech competition conducted by Paarivendhar Tamilmandram on 10th August 2022 on the occasion of 76th Independence Day.

Third year Agricultural Engineering student, Subashini.M, secured the first prize in the Poetry competition conducted by Paarivendhar Tamilmandram on 10th August 2022 on the occasion of 76th Independence Day.

Third year Agricultural Engineering student, Gokulraj.J, secured the Third prize in the Essay writing competition conducted by Paarivendhar Tamil mandram on 10th August 2022 on the occasion of 76th Independence Day.

Third year Agricultural Engineering student, J.Hemavarthini, secured the second prize in the drawing competition conducted by Paarivendhar Tamil mandram on 10th August 2022 on the occasion of 76th Independence day.

Final year Students of Agriculture Engineering Manisha.D and Rajeshwari.R, presented a paper in 34th National Convention of Agricultural Engineers and National Conference organized by Institution of Engineers on 16th and 17th September 2022.

The final year Students went on an industrial visit to Gomadhi Engineering service (Coimbatore), ICAR-IISWC(Indian institute of soil and water conservation- Uthagamund), Doddabettate factory (Uthagamund) and M.N Goodies on 23rd and 24th September 2022.



Final year students' industrial visit

CSE

Department of Computer Science & Engineering

The students of Third year CSE-1 went on a one day Industrial Visit to 'Neyveli Lignite Corporation', Neyveli on 26th August, 2022.



The students of Third year CSE-2 went on a one day Industrial Visit to 'Image Creative Education (P) Ltd' on 4th August 2022.



The students of Third year CSE-3 went on a one day Industrial Visit to 'Meteorological Department-Meteorological Observatory' on 23rd September 2022.



The students of Second year CSE-2 went on a one Industrial Visit to "Pantech Solution Pvt. Ltd" on 23rd September 2022.



A seminar was conducted on 'Touchless Touchscreen Technology', held on 27th September 2022 through offline mode. The Resource person was Mr.Sathish Kannan (Founder, WHY Global Services). 179 students participated in this event.



Mr.N. Leo Bright Tannisson authored two book 'Cloud Computing' and 'Cryptography and Network Security' by Anuradha publication.



A White Hatians Club was inaugurated by Dr.B.Chidambararajan, Academic Advisor (National Cyber Safety and Security Standards) and Director (SRM Valliammai Engineering College) in the presence of Dr.M.Murugan, Principal (SRM Valliammai Engineering College) on 30th August 2022. The Club logo was launched by the Director followed by a warm welcome by the Head of Department, Dr.M.Senthil Kumar. The Club activities and the Club office bearers were introduced by the Club Coordinator, Mrs.R.Sivasankari. 120 students participated in this event.



Inauguration of White Hatians Club

An Event, 'Socio-Masters' was conducted on 30th August 2022 at Admin block Old Seminar hall by the White Hatians Club. 40 students participated in the event. The winners of this Quiz event were, (i) Kishore kumar.R III Year, (ii)Dhanushraj.M - II Year & (iii)Yokash - III Year.



'Socio-Masters' - Event

Teachers's Day was celebrated by the White Hatians Students Club, on 12th Sept. 2022 to honor the valuable faculty for their dedication towards the students' career. All the faculties of Cyber security department and 120 students participated in this event.



Teachers's Day celebrated by the White Hatians Students Club

'ConnectGenix' A Quiz competition was conducted to create Cyber knowledge among students of various departments, on 11th October 2022. The club coordinator Ms.R.Sivasankari and 35 students participated in this event.



'ConnectGenix' - A Quiz competition

A Guest Lecture was conducted on 'Digital Forensics', on 29th September 2022 through offline mode. The Resource person was Dr. Magesh Sriramalu (Lead Scientist - NWN Carousel Corp, MA, USA.). The coordinators were Ms. N.J.Subashini and Ms.K.R.Nandhashree. 5 staff members and 120 students participated in this event.



Guest Lecture on 'Digital Forensics'



The Department organized a Renewable Energy Club event on the topic 'Renewable Energy Technologies Perspective and Challenges' on 27th August 2022. The Resource person was Mr.V.Prabhakaran, Environment Health and Safety Lead, India Japan Lighting, Chennai.



An event on 'Renewable Energy Technologies Perspective and Challenges'

The Department organized 'Teachers Day Celebration' on 19th September 2022. The following events were organized for the faculty members Antakshari, Connection Game, Musical Chair, Shooting Cups and Arranging/collecting maximum cups.



'Teachers Day Celebration'

The Department organized a Workshop on the topic 'Recent Developments in Microgrid' on 14th September 2022. Dr.V.S.Sriraja Balaguru, Assistant Executive Engineer/Non-Conventional Energy Sources, TNEB Headquarters, Chennai was the resource person.



Workshop on 'Recent Developments in Microgrid'

The Department of EEE signed an MOU with VIP Equipments, Chennai on 14th September 2022 for the benefit of the student's Internship training and In-Plant Training.

Dr.K. Elango, Prof & Head, Dr. G. Madhusudhanan, AP(Sel.G), Mr.V.Sudhagar, AP(Sr.G), Mr.S.Balaji, AP(O.G), Ms.R.V.Preetha, AP(O.G) and Mr.K.Raghulkumar, AP(O.G) have successfully completed the Professional Development Programme on 'Implementation of NEP-2020 for University and College Teachers' held from 9th to 17th September 2022.

The department organized a Guest Lecture on the topic 'Making Embedded Systems' on 28th September 2022. The Resource person was Mr.S.Kadhiravan, Senior Software Engineer, Accenture India Private Limited, Chennai.



Guest Lecture on 'Making Embedded Systems'

Ms.S.Vanila, AP(Sel.G) was the Topper of the eight week NPTEL Course on 'Educational Leadership' (Jul-Sep 2022).

Ms.P.Bency, AP(O.G), Mr.S.Balaji, AP(O.G), Ms.R.V.Preetha, AP(O.G), Ms.R.Elavarasi, AP(O.G) and Ms.A.Dhivya, AP(O.G) successfully completed 8 Weeks NPTEL Course with Elite Gold category on 'Educational Leadership' (Jul-Sep 2022)

Dr.K.Elango, Prof & Head, Dr.R.Karthik, Assoc.Prof, Dr.R.Arivalahan, Assoc.Prof, Dr.G.Madhusudhanan, AP(Sel.G), Dr.S.Malathi, AP(Sel.G) Mr.S.Padmanabhaiyappan, AP(Sr.G), Mr.V.Sudhagar, AP(Sr.G), Mr.K.Raghulkumar, AP(O.G), Mr.P.Tamilarasan, AP(O.G) and Mr.S.Venkatesh, AP(O.G) successfully completed 8 Weeks NPTEL Course with Elite Silver category on 'Educational Leadership' (Jul-Sep 2022).

Konka Srinadh, student of III year EEE won the Gold medal in State level B-open Badminton Doubles Men Tournament held at Chennai.

Final year students R Jaivishnu, Kartikeyan and Nithish Kumar attended a National level Techfest SYNSARA in Sairam Engineering College on 28th and 29th September 2022 and won first prize of cash award Rs.2000/- in Thegidi-Surprise event.

Final year students Gandhiselvan, Balamurugan and Prajith attended a National level Techfest SYNSARA in Sairam Engineering College on 28th and 29th September 2022 and won the runner up prize of cash award Rs.1000/- in Thegidi-Surprise event.

SRM VEC CSI Student Branch

The SRM Valliammai Engineering College Computer Society of India Student Branch organized the 'Quiz-O-Phil' event. In this event more than 145 students registered and more than 60 students participated. The event was conducted on 09th July 2022. In this event, 30 MCQ questions were given, each question carries one-two marks, the participants should answer all the questions within the given time limitation. The winners of the event are Ramesh.M.M - SRM VEC, Thangavel.P - Mepco Schlenk Engineering College & Harini.V - Gobi Arts and Science College.

The SRM Valliammai Engineering College Computer Society of India Student Branch organized 'TIC-TALK' event. More than 45 students have registered and more than 17 participated in the event. The event was conducted on 23rd July 2022. The event had two rounds. The first round consisted of a sudoku puzzle. One has to complete the puzzle without any redundancy in given time in case of a mistake the candidate may not be eligible for the next round. The second round was a debate competition. The Winners are: Janani A M - Sri Sairam Engineering College, Dejaswarooba B - SRM Valliammai Engineering College & Shreenithi T V - Sathyabama Institute of Technology.

The SRM Valliammai Engineering College, Computer Society of India Student Branch organized the 'TECH - O TANGLE' event. In this event, 242 students from different colleges registered and more than 90 students participated. The event was conducted on 7th August 2022. In this event, 30 questions were given in which each question had 2 sub-divisions and the two sub-divisions contain the same answer. The answers are given in clustered form in which the participant should select the correct answer. Each answer carried two marks. The winners of the event are: Vaishnavi Devi R - SRM Valliammai Engineering College, Sri Harshini N - Avinashilingam Institute for Home Science and Higher Education for Women & AbdulAthif A - St. Joseph Institute of Technology.

The SRM Valliammai Engineering College Computer Society of India Student Branch organized the 'Quiz-O-Phil' event. In this event, more than 200 students registered and more than 100 students participated. The event was conducted on 14th August 2022. In this event, 15 questions were given, each question carries one-two marks, the participants should answer the entire question within the given time limitation. The winners of the event: Kanagavalli - Dml College of Engineering, Muthaiah V - SRM Valliammai Engineering College & Devi R - Adhiparasakthi Engineering College.



The SRM Valliammai Engineering College Computer Society of India Student Branch organized the 'Connection Game' event. In that, more than 15 staffs registered and participated. We conducted this event on the occasion of Teacher's day on 6th September 2022. We displayed more than 50 technical pictures to the participants and the marks were evaluated based on their correct guesses. The winners of this event: 1. Civil Department - Tharini K-Assistant Professor, Vinoth Kumar.N-Assistant Professor & Sattainathan Sharma A, AP; 2. English Department Dr.Sheeba Manodh, AP, Ms.R.Geetha, AP & Ms.M.Arthi, AP; 3. Physics Department Dr.K.Thiruppathi, AP, Dr.S.Gandhimadhi, AP, R.Sasirekha, AP & S.Sowmiya, AP.

The CSI inauguration of the academic year 2022-2023 was held on September 30, 2022, in the college campus. The inaugural function started with Tamil Thaivazhthu followed by the lightening of the Kuthuvilakku by our honorable Chief Guest Dr.M.Murugan, Principal of SRM VEC & Chairman of CSI Kancheepuram Chapter along with DR. M. Senthil Kumar HOD of Cyber Security department, Dr. S. Ravi Kumar HOD of Artificial Intelligence and Data Science department and the Office bearers. The welcome address was given by Dr. S. Ravi Kumar and the brief introduction about the CSI and the introduction of Office Bearers was given by Dr. M. Senthil Kumar, CSI Student Branch Counselor. The badges were given to all the office bearers by, Dr. M. Murugan Principal SRMVEC, the Presidential address was delivered by our chief guest which motivated and inspired the members for upcoming initiatives. Finally, the inaugural event was completed with a group photograph of all office bearers along with the chief guest and CSI coordinators. The event was attended by more than 170 students from various departments. The event concluded with the National Anthem.





The SRM VEC, Computer Society of India Student Branch, organised the 'BENT A ZAP' event. At this event, 227 students from various departments registered and 56 students participated. The event was conducted on September 30th, 2022. This event is a technical event with two rounds. The first round is the 'Technical Aptitude Test', in which twenty aptitude-based questions were given to each participant with twenty minutes of time. The top 15 scorers were selected for the next round. The second round was block and tackle. In this round, all the 15 participants were given topic like social media, college life, online classes were given and they had to talk about the specified topic. The participants have been instructed that for every buzzer sound they had to swap their thoughts from positive to negative aspects. The final year OB members of the CSI were the judges of the second round. Based on their relevance and flow of the topic, winners were selected. Furthermore, the block and tackle helped the participants to present their way of opinion confidently in the real world and motivated them to tackle any kind of situation. The winners of this event: 1. Sabarinathan R SRM VEC, 2. Dhanush Kumar S SRM VEC & 3. Sethusridharan S SRM VEC.

All the events ended in grand success due to the guidance of CSI Student Branch Counsellor Dr.M.Senthil Kumar (Associate Professor, Department of CSE).



The Department of Electronics and Communication Engineering organized a Seminar on 'Innovations in AI for Electronics Engineers' in association with IIC, ISTE, IETE students forum & SRM VEC CSI student branch on 8th August 2022 for the benefit of students of ECE. The event started with welcome address delivered by the event coordinator, Dr. V.Suresh Kumar, Asst. Professor (Sel.G), Department of ECE. The Convener of the event Dr. Komala James, Professor and Head, Department of ECE, delivered the key note address. Mr.R.Karthikeyan of III year ECE, introduced the resource person. The Resource person Dr. B. Ezhilavan, Managing

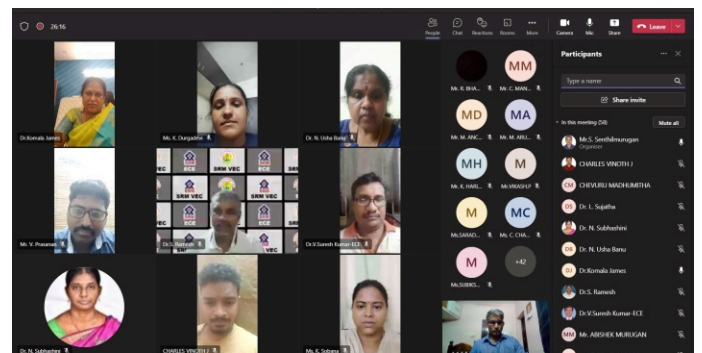


Seminar on 'Innovations in AI for Electronics Engineers'

Director, VEI Technologies Pvt. Ltd, Chennai delivered the lecture on Innovations in AI for Electronics engineers. Around 104 students of ECE attended the seminar. The seminar focused on introduction and importance of AI in the field of Electronics, by covering the basics of Artificial Intelligence in detail. The Resource person discussed the innovations in AI with respect to applications like Electric vehicles, Smart Homes, Automation, Autonomous vehicles, Voice Assisted devices and sensors, Robotics and Automation. He also focused on scope for Electronics engineer and opportunities for them in the emerging AI based application areas. The event coordinator, Ms.K.Durgadevi, Asst. Professor (O.G), Department of ECE delivered the vote of thanks and thanked the Management, Director, Principal, Vice Principal, HOD-ECE and faculty members for their support and guidance. She also thanked the resource person for accepting the invitation to deliver the lecture and finally thanked the students for their involvement and in making this event a grand success.

All the staff members and all the students of Department of ECE have taken the pledge against drug abuse on 11th August 2022.

The Department of Electronics and Communication Engineering organized a Innovation Ambassador Program on 'Innovation, Design and Entrepreneurship Awareness (IDEA)' in association with IIC on 5th and 6th September 2022 for the benefit of students of ECE. The welcome address is given by Dr.Komala James, Professor & Head of the ECE. The Resource Person Mr.S.Senthilmurugan, Assistant Professor (Sel.G), Department of ECE, SRMVEC, delivered the presentation on 'Innovation, Design and Entrepreneurship Awareness (IDEA)'. Students attained knowledge about Innovation and Invention, the qualities of an Entrepreneur and Entrepreneurship, the phases of the Entrepreneurial Process, Design thinking, business model development and startup process and have awareness on mentoring and funding opportunities to endure their entrepreneurial journey. About 60 participants participated in this programme. The students interacted with the resource person and clarified their doubts. This programme is found to be useful for all the students, to enhance their knowledge in developing new prototypes and to become a successful entrepreneur. The programme was concluded with vote of thanks given by Mr.S.Senthilmurugan, Assistant Professor (Sel.G).



Innovation Ambassador Program on 'Innovation, Design and Entrepreneurship Awareness (IDEA)'

The Department of Electronics and Communication Engineering organized a Seminar on 'Free Space Fiber Optic Communication' in association with IIPC, IIC, ISTE, IETE students forum and SRM VEC CSI student branch on 28th September 2022 for the benefit of ECE students. The event started with welcome address delivered by the event coordinator, Mr. S. Mari Rajan, Asst. Professor, Department of ECE and also he introduced the Resource Person. The Convener of the event Dr. Komala James, Professor and Head, Department of ECE, delivered the key note address. The Resource person, Dr.C.Rimmya, Assistant Professor, Anna University, MIT Campus, Chennai delivered the seminar on Free Space Fiber



Seminar on 'Free Space Fiber Optic Communication'

Optic Communications. Around 103 students of ECE attended the seminar. The seminar focused on the introduction and importance of Free space optical communications which is a line-of-sight (LOS) technology that transmits a modulated beam of visible or infrared light through atmosphere for broadband communications. Also, she discussed about the working principle of free space fiber optics (FSOs). She focused on the scope of FSOs and opportunities for them in the emerging optical communication application areas, LAN-to-LAN connections on campuses at Fast Ethernet or Gigabit Ethernet speeds, Speedy service delivery of high-bandwidth access to optical fiber networks etc. The event coordinator, Ms. S. Abirami proposed a vote of thanks.

Dr. G.Udhayakumar/ Associate Professor completed the eight-week NPTEL online certification course on 'Embedded System Design with ARM' during July September 2022.

Ms. K. Durgadevi/ Asst. Prof. (O.G) went to an Industrial visit VIP Equipments (INDIA), Thirumudivakkam on 2nd July 2022.

Mr. S. Senthilmurugan/ Asst. Prof. (Sel.G) and Mr.A.Anbarasan/ Asst. Prof. (O.G) went to an Industrial visit to IGCAR Kalpakkam on 8th July 2022.

Dr. S. Ramesh/ Associate Professor and Mr. R. Dhananjeyan/ Assistant Professor (O.G) attended a Faculty Development Programme on 'Recent Trends in 5G Communication, Design & Technologies' organized by Rajalakshmi Engineering College, Chennai from 5th July 2022 to 9th July 2022.

Dr. N. Ushabhanu/ Professor, Mr. D. Murugesan/ Asst. Prof. (Sel.G) and Mr. V. Prasanan/ Asst. Prof. (O.G) went to an Industrial visit to Kasa Anlagen India Pvt Ltd, Thirumudivakkam on 15th July 2022.

Dr. Komala James/ Professor & Head, Dr. G. Udhayakumar/ Associate Professor, Dr. S. Ramesh/ Associate Professor, Dr.N.Subhashini/ Asst. Prof. (Sel.G), Dr. C. Amali/ Asst. Prof. (Sel.G), Mr. S. Senthilmurugan/ Asst. Prof. (Sel.G), Mr. S. Mari Rajan/ Asst. Prof. (Sr.G), Mr. A. Pandian/ Asst. Prof. (Sr.G), Dr.S.R. Preethi/ Asst.Prof. (O.G), Ms. K. Arthi/ Asst.Prof. (O.G), Ms. K. Sobana/ Asst.Prof. (O.G), Ms. S. Abirami/ Asst.Prof. (O.G), Mr. S. Sevagan/ Asst.Prof. (O.G), Mr. J. Charles Vinoth/ Asst.Prof. (O.G) and Ms. C. Kavitha/ Asst.Prof. (O.G) went to an Industrial Visit to Qmax Systems India Pvt., Ltd., Poonamallee, Chennai on 16th July 2022.

Dr. S. Ramesh/ Asso Prof attended the Faculty Development Programme on 'Applications of Machine Learning & Deep Learning using MATLAB' organized by Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai from 1st August 2022 to 8th August 2022.

Dr.S.R.Preethi/A.P. (O.G) received the 'Pudhumai Penn' award from TANISHQ, Chennai on 08th Aug. 2022.

Mr. R. Dhananjeyan/ Assistant Professor (O.G) attended the Faculty Development Programme on 'Modern Antenna Design for 5G and its related applications' organized by KPR Institute of Technology, Coimbatore from 22th August 2022 to 23rd Aug. 2022.

Dr. S. R. Preethi /Assistant Professor (O.G) received the 'Young Achiever Award' from Kumari Mangrove Foundation , Kanyakumari on 5th September 2022.

Dr. G. Udhayakumar/ Asso Prof , Dr. S. Ramesh/ Asso Prof and Dr. N. Subhashini, Assistant Professor (Sel.G) attended the one day National level seminar titled on 'Quality Enhancement Sustenance Measures in Higher Education: Innovation, Trends and Challenges' organized by IQAC of SRM Valliammai Engineering College on 10th September 2022.

Mr. C. Saravanakumar, Assistant Professor (Sel.G) received the 'IETE Best Faculty Award 2022' on the occasion of Teachers Day and Engineer's Day Celebrations 2022 organized by IETE Chennai centre on 13th September 2022.

Mr. C. Saravanakumar, Assistant Professor (Sel.G) attended the Faculty Development Programme on 'FinFET, Nano Sheet Cell Design, Now & Road Ahead' organized by Ni2Designs Pvt Ltd, Pune from 14th to 16th September 2022.

Dr. Komala James/ Professor & Head, Dr. N. Subhashini/ Asst. Prof. (Sel.G) has participated and presented a paper titled 'Impedance Matching Energy Harvesting from Radio Frequency Signal in an Indoor Environment' in the National Conference on Innovative Trends in Communication and Technology organized by Paavai Engineering College on 21st September 2022.

Ms. K. Arthi, Assistant Professor (O.G), Ms. S. Abirami, Assistant Professor (O.G) attended the hybrid ATAL Faculty Development Programme on 'Internet of Things' organized by SRM Institute of Science & Technology, Vadapalani Campus from 12th September to 17th September in Online mode and from 19th September to 23th September 2022 in Offline mode.

Mr.C.Saravanakumar, Assistant Professor (Sel.G) attended the training programme titled 'Powering IoT Using Arduino and Raspberry Pi' organized by 'Train the Trainers Workshop- Naan Mudhalvan Scheme' at Madras Institute of Technology, Chennai from 19th September to 23rd September 2022.

Vishnu. J.M , Final Year ECE Student & Cadet of NCC Naval Wing was recruited in the Indian Navy as an officer through SSB. He will be joining the Indian Naval Academy, Ezhimala, Kerala.

Chella Dhanalakshmi, IV Year ECE 2, student participated and won the 3rd Place in the 43rd South Zone Ball Badminton Championship held at Thiruvottriyur, Tamil Nadu from 22nd to 24th July 2022.

V. Tharunlogesh, III Year ECE 3, won the second prize in the Poem Competition organized by Paarivendhar Manavar Tamil Mandram on the occasion of 76th Independence Day on 10th August 2022.

V. Tharunlogesh, III Year ECE 3, won the second prize in the Essay Competition organized by Paarivendhar Manavar Tamil Mandram on the occasion of 76th Independence Day on 10th August 2022.

Chevuru Madhumitha, Mummadi Swetha, Kavali Thanuja, Palli Bhavani, III year ECE and Karri Lavanya, Chella Dhanalakshmi, IV year ECE , Mukkapati Likhitha, Vuyyala Suchithra II year ECE won the second place in Ball Badminton (Women) in the SRM Founder's Birthday Trophy 2022, organized by SRM IST on 20th & 23rd August 2022.

Nelavu.V, II Year ECE student and K. Jyothi, III year ECE student won the third place in Ball Badminton (Women) in the SRM Founder's Birthday Trophy 2022, organized by SRM IST on 20th & 23rd August 2022 .

IV year ECE students Karri Lavanya, Chella Dhanalakshmi, III year ECE students Chevuru Madhumitha, Swetha. M, Kavali Thanuja, Palli Bhavani, II year ECE students Mukkapati Likhitha, Vuyyala Suchithra participated in the 'Buck Memorial Sports Festival Ball Badminton (Women) Tournament' organized by YMCA College of Physical Education, Nandhanam from 20th to 23rd September 2022.

The Department of Medical Electronics organized an Expert Lecture on 'Medical Equipments' in association with IIPC, IIC, ISTE, IETE Student's forum & SRM VEC - CSI student branch, on 18th August 2022, for the benefit of Medical Electronics students. The event started with welcome address delivered by the Convener of the event, Dr. N. Usha Bhanu, Professor & HoD, Department of MDE. Mr. C. Satheeswaran, Asst. Professor, Department of MDE introduced the resource person. The Resource person was Dr. Bandaru Ramakrishna, Assistant Professor, SRM Institute of Science and Technology Chennai who delivered the lecture on Medical Equipments. Around 41 students of ECE and MDE attended the expert lecture. The lecture focused on diagnostic and therapeutic equipments available in the market, their enormous usage and he also explained the marketing strategies happening around. He also focused on the scope for Medical Electronics Engineer and the opportunities for them in the emerging medical field era. The event coordinator Mr.M. Selvaraj, Asst. Professor, Department of MDE proposed a Vote of thanks.



Expert Lecture on 'Medical Equipments'

The Department of Medical Electronics in association with NSS Club organized a Seminar 'Cancer..? Just Beat it!' on 22nd September 2022. This Awareness programme helped the audience to recognize the early signs, food to be consumed and symptoms thus enabling them to seek knowledge about prevention of Cancer.

Dr. J. Mohan/ Associate Prof was appreciated for his honourable contribution as Reviewer for the International Conference on Intelligent Innovations in Engineering & Technology at PSG College of Technology held during 22nd - 24th September 2022.

Ms. V. Venmathi, Assistant Professor (O.G) attended a one week online STTP titled 'Recent Trends in High Speed Optical Communication System and Its Applications' from 27th June 2022 to 2nd July 2022 organized by the Department of Electronics and Telecommunication Engineering of Ramrao Adik Institute of Technology, Nerul, Navi Mumbai.

Ms. V. Liviya and Mr. Jason Gnanakumar J, III MDE participated in the 'International Level Online Quizathon Series 90 ENGINEER'S DAY' conducted by Yavarum Kelir, Skill Development Association, Namakal from 12th September 2022 to 16th September 2022.

Mr. Jason Gnanakumar J, III MDE won the first prize in the competition 'Portraying patriotism in shades of Grey and Black Pencil Sketch' organized by SRM Valliammai Engineering College on 15th August 2022.

Ms. V. Liviya, III MDE won the third prize in the 'Kavithai Competition' organized by Tamil Mandram, SRM Valliammai Engineering College on 15th August 2022.

Student Affairs Cell



The Student Affairs Cell of SRM Valliammai Engineering College organized a Global Education Fair in coordination with Education Matters, An Overseas Education Consulting Company on 30th August 2022 in Old Seminar Hall, SRM VEC. The Director, Dr. B. Chidhambhararajan inaugurated the fair and Principal, Dr. M. Murugan felicitated the event by presiding the event. The heads of the various departments participated in the inaugural function. The delegates experienced in global education and admission provided guidance to students regarding globally demanded skills, knowledge, and experiences to be successful in 21st century Global Market Place. The university representatives from countries like USA, France, Canada, UK and Ireland interacted with the students and counselled them personal regarding their higher education.

This fair was organized for the benefit of the students from Civil, ECE, EEE, EIE, MDE, CSE, IT, CYS departments to provide career guidance and insight on higher education in abroad universities. The Co-ordinators of Student Affairs Cell Dr.N.Usha Bhanu, Prof & Head Medical Electronics, and Dr.M.Senthil Kumar Associate Prof & Head Cyber Security with the support of other staff from different departments organized the programme effectively. The students clarified their doubts regarding entry criteria, fee structure and Scholarship details with the resource persons. Totally, 146 students from different departments participated in the fair.



A Faculty Industrial Visit to 'Indira Gandhi Centre for Atomic Research (IGCAR) Department of Atomic Energy, Kalpakkam'



Faculty Industrial Visit to IGCAR, Kalpakkam

was organized on 08th July 2022 and the coordinated by Mr.P.Sirenjeevi. AP(Sr.G).

A Guest Lecture on 'Advance Java Programming With Devops (Development & Operations)' was organized on 05th August 2022 and the Resource Person was Mr.Hiran Ram Babu Ontivillu (HRB) Director of Training Maho Jase Institute of Technology, Chennai, and the coordinator were Mr.G.Vivekanandan AP(O.G) and Ms.R.Thenmozhi AP(Sel.G).



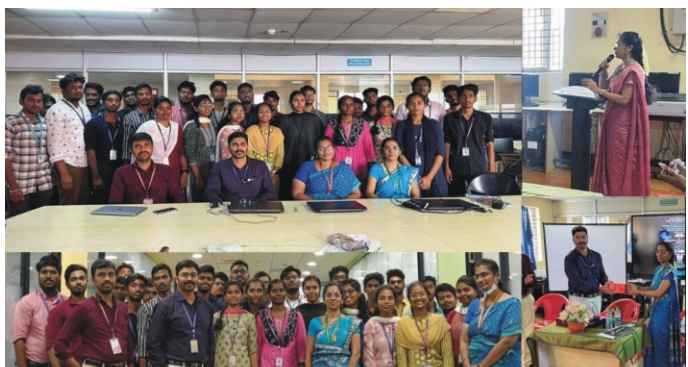
Guest Lecture on 'Advance Java Programming With Devops (Development & Operations)'

A National Seminar on 'Concepts in Computer Networks' was organized on 25th August 2022 and the Resource Person was Mr.B.Ashwin Bharathi, Senior Security Analyst Infoziant System, Chennai and the coordinators were Dr.A.R.Revathi Asso.Prof and Dr.S.Narayanan AP(Sel.G)



National Seminar on 'Concepts in Computer Networks'

A Two Days Workshop on 'Augmented Reality/Virtual Reality' was organized on 27th August 2022 & 28th August 2022 and the Resource Person was Dr.R.Rajkumar, Asst.Prof, Department of Data Science and Business Systems, SRM Institute of Science and Technology, Kattankulathur. The coordinator was Dr.A.R.Revathi Asso.Prof.



Workshop on 'Augmented Reality/Virtual Reality'

Ms.S.Shenbagavadivu,A.P.(Sr.G) published an International Journal article titled 'A Novel algorithm for data centric perspective analysis on the Covid-19 crisis.' in Grenze International Journal of Engineering and Technology.

Dr.S.Ravikumar,Dr.S.Sekar,Dr.S.Jeyalakshmi,Dr.S.Narayanan and Mr.G.Vivekanandan published a SCI journal titled 'An

optimized AdaBoost Multi-class support vector machine for driver behavior monitoring in the advanced driver assistance systems' in Elsevier-'' Expert Systems with Applications''

Dr.A.R.Revathi, Asso.Prof, presented a paper titled the 'Effective Movie Recommendation system using machine learning analysis' in the Second International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems (CITAES'22) Sheshadri Rao Gudlavalluru Engineering College, Andhra Pradesh.

Dr.A.R.Revathi, Asso.Prof and Ms.T Suganya A.P(O.G) presented a paper titled the 'Heart disease risk prediction using machine learning' in the Second International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems (CITAES'22) Sheshadri Rao Gudlavalluru Engineering College, Andhra Pradesh.

Mr.Asan Nainar A.P.(Sel.G), presented a paper titled the 'Credit card fraud detection using Machine learning Algorithms - A comparative Analysis' in the Second International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems (CITAES'22) Sheshadri Rao Gudlavalluru Engineering college, Andhra Pradesh.

Mr.G.Vivekanandan A.P.(O.G), presented a paper titled the 'Lstm Deep Learning Model For Stock Processing Analysis' in Second International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems (CITAES'22) Sheshadri Rao Gudlavalluru Engineering College, Andhra Pradesh.

Ms.R.Thenmozhi,A.P.(Sel.G), Dept of IT delivered a lecture in the Faculty Development Programme titled on 'Computer Vision and its Applications (FDP-CVA 2022)', Organized by Visual Computing Research Group, SRM Institute of Science and Technology Kattankulathur Campus Chennai on 27th August 2022

Dr.A.R.Revathi, Asso.Prof delivered a lecture in the Induction Program titled 'Balance between academics and social life', organized by the Faculty of Information Technology, SRMVEC 15th September 2022.

Ms.S.Shenbagavadivu, A.P (Sr.G), Dept of IT delivered a lecture in the Induction Program titled 'How to make the first impression the best one', organized by Faculty of Information Technology, SRMVEC on 02nd September 2022.

A.R.Revathi, Asso. Prof., was honored awarded with Academic Excellence Award Female by Kumari Mangrove Foundation (KMF AWARDS 2022).

A.R.Revathi, Asso. Prof, has successfully completed the FDP 'Universal Human Values-II' organized by AICTE from 01st August 2022 to 11th August 2022.

Ms.S.Sandhya, A.P(O.G) has successfully completed the FDP of the 'Universal Human Values-II' organized by AICTE from 26th July 2022 to 30th July 2022.

Partheeshwaran.S and Sri William Sai.A, Suresh.R , of III year IT2, has participated in the National Level Technical symposium organized by St.Joseph College of Engineering, OMR Chennai on 17th September 2022 in the event 'Intuitive Interpreters' and secured the third place.They received cash award Rs.1000/- .

Ashwin Karthik.S from III Year IT-1, published an article on 'Role of Artificial Intelligence in Information Technology with relevant to current trends' in the International Conference held at Patrician College of Arts And Science, Chennai on 25th August 2022 and 26th August 2022.

Ms.Pooja III Year IT2, Secured the First Prize and received a cash reward of Rs.750/- and Mr.K.RanjithKumar, III year IT2, third Prize and received a cash reward of Rs.350/- in Drawing

competition organized by Parivendhar Manavar Tamil Mandram (AICTE Sponsored Scheme for promoting Interests, Creativity and Ethics among Students) on 76th Independence Day held on 10th August 2022 at SRM Valliammai Engineering College, Kattankulathur.

Subalaksmi.V III YR IT2, Vignesh.V, Roshan.R, Ragulraj K, and Naveen Kumar.G from II year IT2 participated in a dance programme for Vendar's birthday organized by Parivendar Tamil Perayam on 24th August 2022.

Staff were attended 10 Online/offline (FDP/STTP/Workshop/Training Program), 5 Seminar/Webinar/Guest Lecture/ Quiz/Others, 2 Certification ISTE/ATALs & 6 NPTEL Certification.

Students were participated, 2 Drawing Competitions organized by Parivendhar Manavar Tamil Mandram, 4 Conferences, 3 Courses & 1 Campus Ambassador Program.

AIDS

Department of Artificial Intelligence and Data Science

The Department of Artificial Intelligence and Data Science, SRM Valliammai Engineering College in association with CSI-SRM VEC Students Branch, ISTE, IIC and Co Organized by IQAC-VEC organized a Workshop on 'R Programming' by Mr. Bhaskar Chandrasekar, Senior Manager, Altimetrik, Chennai on 26th September 2022 from 09.00 am to 11.30 am for the benefit of Third Year Artificial Intelligence & Data Science students, the programme was coordinated by Dr.R. Deepa. AP and Ms.K.Sangeetha AP.



Workshop on 'R Programming'

NPTEL Local Chapter

Nearly 40 Faculty members and one student successfully completed NPTEL online examination during the period July to September 2022 from our NPTEL Local Chapter.

Ms.S.Vanila Assistant Professor/EEE was the topper in 'Educational Leadership' NPTEL online course during the period July-September 2022.

Youth Red Cross

The following YRC programmes were conducted

Successfully Conducted 'Har Ghar Ka Jhanda- Distribution of National Flags to Every House Hold' programme from 11-08-22 to 17-08-22 at Potheri and Thailavaram.

'Singing and Dancing Competition' programme conducted on the occasion of Amrit ka Mahotsav -75 th Year Independence Celebration on Monday/12-08-22 at SRM Valliammai Engineering College.

On Monday/15-08-22, Othivakkam Government Hospital was Deweeded and Painted by the YRC Volunteers

Physical Education

Department of Physical Education organized the 76th Independence Day 2022, 5K Run event in celebration of 'AZADI KA AMRIT MAHOTSAV' on 11th August 2022.

The College won the Silver Medal in SRM Founder's Birthday Trophy 2022. All India Level Inter Collegiate Ball Badminton Women Tournament from 20th to 23rd August 2022 held at SRM VEC Campus, Kattankulathur.



The College won the Bronze Medal in SRM Founder's Birthday Trophy 2022 All India Level Inter Collegiate Basketball Women Tournament from 20th to 23rd August 2022 held at SRM VEC Campus, Kattankulathur.



The College won the Fourth Place in SRM Founder's Birthday Trophy 2022 All India Level Inter Collegiate Badminton Men Tournament from 20th to 23rd August 2022 held at SRM VEC Campus, Kattankulathur.



The College bagged the Gold medal in Buck Memorial Sports Festival Badminton Men Inter Collegiate Tournament held at YMCA College of Physical Education, Chennai from 20th to 23rd September 2022.



The College bagged the Gold and Silver Medal in State level B- Open Men Doubles Badminton Tournament held at Chennai on 24th & 25th September 2022.

The College won the Silver Medal in State level Inter Collegiate Badminton Men Tournament held at Sri Sairam Engineering College, Chennai from 29th to 30th September 2022.

A Six-day Faculty Development Programme on 'Key Concepts of Manufacturing Technology, Dynamics of Machines and E Vehicles' was conducted from 28th June 2022 to 07th July 2022. The following were the resource persons: Dr. T. Venugopal, Associate Prof, Mechanical Engineering, VIT, Chennai, Dr.S.Kathiresan, Professor, Mechanical Engineering, Prince Shri Venkateshwara Padmavathy Engineering College and Dr.V.Dhinakaran, Prof & Head, Dean (R&D), Chennai Institute of Technology. The following topics were discussed: Basic Concepts of moulds, patterns, types of patterns, allowances, furnaces, special casting processes, governors and its types, controlling force curves, Gyroscopic effect, Gyroscopic stabilization, Force Analysis, Balancing, Free Vibration and Forced Vibration, Electric vehicle layout, specifications, system components, Electronic control system, performance of electric vehicles traction motor and Thermal Management of batteries for electric vehicles: challenges and current perspective.

A Guest Lecture on 'Futuristic Development in Autonomous Vehicle' was conducted through online mode on 30th July 2022. The resource person Mr.M.Poovarasana., Technical Leader-ADAS, ZF WABCO Private Limited, delivered the lecture on the following topics: ADAS : The circle of safety, Key to autonomous vehicle projects, Levels of autonomous-SAE, ADAS technologies, Forward and rear collision warning system (FCW & RSW), Autonomous emergency braking, Adaptive cruise control, ADAS features in automobile industry, Blind spot information system and lane change assist and Cross traffic alert (CTA).



Guest Lecture on 'Futuristic Development in Autonomous Vehicle'

A Guest Lecture on 'Industrial Automation 4.0' was conducted through offline mode on 17th September 2022. The resource person Mr.Saravananakumar Sachidanadham, Assistant Manager, Royal Enfield-Eicher motor, delivered the expert lecture on the following topics: Industrial Revolutions, 4D Printing, 3D Scanning, Cyber physical systems, Cloud computing Business integration management and Digital communication for smart



Guest Lecture on 'Industrial Automation 4.0'

manufacturing, Block Chain, Supply Chain Management, Augmented Reality, IoT, Drone, Artificial Intelligence.

The workshop on 'AUTOCAD Software' was conducted on 29th September 2022. The trainers from CADD Centre delivered the guest lecture on the following topics: Smart Dimensions, Fully Defined Sketch and Blocks, Wire frame & Transformation tools, Geometry Creation & Modifications, Layer & Object Properties, Cutting, Stamping, Folding & Unfolding, Isometric Views.



Workshop on 'AUTOCAD Software'

Suresh Pungaiah S, 'Importance of Hardening Effect and Its Analysis on Diametrical Fractured Ends of Tensile Testing of Al and Steel' Hindawi, Advances in Material Science and Engineering, Volume 2022, Article ID 8579749, Pages: 1 to 10. July 2022.

Mr.G.Rajesh, Assistant Professor, has filed a patent entitled 'Design and Development of Regenerative Electrical Bicycle Weight Lifting Electro Magnetic Coil Braking System'

Mr.P.Ramu, Assistant Professor attended at two day Faculty Develop Programme on Industry 4-0' from 19th September 2022 to 20th September 2022 under TNSDC - Naan Mudhalvan Scheme at Anna University.

Mr.R.Ramkumar, Assistant Professor attended a Faculty Development Programme on 'Electric Vehicles' on 8th September 2022 under TNSDC - Naan Mudhalvan Scheme at Anna University.

Manikandan K P, Kishore J, Mohanraj A, Nandha Kumar R and Naveenraj A B, 'Formability effect of process parameters on forming process in a single point incremental forming process in Al7075' International Journal of Advance Research and Innovative Ideas in Education, Volume 2022, Article ID 23954396, Pages: 1 to 6. August 2022.

Rajashriram C and Dr.S.Thirugnanam, 'A Study on Byssinosis in Small Scale Industry' International Journal of Modern Developments in Engineering and Science Volume 1, Article ID 2583-3138, Issue 10.

Srinivasan R, Thirugnanam S, Paramasivam K M and Muthuramalingam T 'Effect of Age-Hardening Temperature on Mechanical and Wear Behavior of Furnace-Cooled Al7075-Tungsten Carbide Composite' Materials (Basel), 2022 Aug 3;15(15):5344. doi:0.3390/ma15155344.

Kamalesh P, Sachin Raj E and Naren Pandi S IV Mech participated in NEXAVERSE'2k22 National level Techfest at Sri Sairam engineering college on 21st September 2022 and won the third place in the event 'Shark Tank'.

Mohanalakshmi M and Manoj M, students of III Mech Sec 1 participated in TORQ 2022- a National Level Technical Symposium at Loyala-ICAM College of Engineering and Technology and won the first place in the event 'Truss Building'.

Kirthiga J, Srinivasan A and Sathyaprakash S IV Mech participated in a work shop on 'Diversity of Mechanical Engineering with Solid Works' conducted by CADD CENTRE, Tambaram on 24th July 2022.

Naren Pandi S, Yogesh S, Sathya Prakash S, Prashanna R K, Naveethakrishnan N and Vinoth B IV Mech Sec 2 participated in an online Technical Session on 'Solid Works and 3D Printing' e-Yantra, a Ministry of Education project based at IIT Bombay.

The NSS volunteers of SRM Valliammai Engineering College participated in a wall painting and singing competition organized by the Maraimalai Nagar municipality on 6th July 2022. The participants of the wall painting competition were taken to the Municipal office of Maraimalai Nagar.

Totally 37 students took part in the wall painting competition. The students were divided into 11 groups, each group consisting of 3-4 students. The required painting materials were provided by the municipal authorities. Each group were allocated a wall of dimension of 6' x 5'. The topics for the wall painting posters were 'My waste, my responsibility', 'People's contribution towards city cleanliness', 'Solid waste management', 'Importance of tree plantation', 'Environmental protection', 'Importance of avoiding plastics' and 'Protection of water bodies'.



The participants started painting on their respective walls by 9.30 AM, worked and they started doing the art work by 12.00 noon sharp. The compound wall of the municipal office was filled with colourful message conveying posters. The entire compound wall became a canvas for art loving students. The participants completed their work and took photos of their art work and uploaded their images in the municipal website. The second year mechanical students won the second prize for singing competition among Chengalpattu region's municipalities.

A pledge against drug abuse was administered by the NSS volunteers in SRM Valliammai Engineering College on Thursday, 11th August, 2022 as per the direction of Higher Education Department, Chennai. Dr. S. Parthasarathy, NSS Programme officer emphasized the harmful effects and the risks associated with using drugs. He stressed the importance of awareness campaigns about drug abuse among the volunteers. He urged the volunteers to concentrate only on their studies and strive to reach high position in their lives. He also advised the volunteers to obey their teachers and avoid the path of drugs. Then all took pledge in both Tamil & English against 'Drive against Drugs (DAD)' at 10.30 A.M.

The NSS unit of SRM Valliammai Engineering College celebrated the 76th Independence Day with enthusiasm and grandeur, which was an initiative of the Government of India to celebrate and commemorate 75 years of independence and the glorious history of our people, culture and achievements. The NSS unit held many engaging activities that involved students. The celebrations for Azadi Ka Amrit Mahotsav commenced on the 11th August with intra-college competitions such as solo singing, group singing and solo dance expressing patriotic feelings. The celebration of the day began with a welcome address by an NCC cadet. Dr. H. Krishnan, Vice-Principal hoisted the national flag and delivered a very motivational and patriotic speech. After that a parade was organized by NCC cadets. Then a few yoga-asanas were demonstrated by an NCC cadet. Prizes were distributed to the winners of various competitions. The programme ended with the national anthem.

The NSS unit of SRM Valliammai Engineering College has adopted five villages namely Ozhalur, Periyaputheri & Thiruvadisulam in Kattankolathur Panchayat Union and Perunthandalam & Reddikuppam in Thiruporur Panchayat Union at Chengalpattu District, Tamilnadu. Dr. S. Parthasarathy, NSS programme officer attended the Gram Sabha meeting on behalf of the NSS unit, SRM Valliammai Engineering College on 15.08.2022 in the above said villages. He explained some issues of their villages that have been resolved during the previous years by constructing 10 communal toilets and two ground water recharging units at Ozhalur and reconstructed & renovated 10 homes of Iruallar families at Periyaputheri. He also explained about their major issues of five different villages like improper residences, open defecation, insufficient electricity power, lack of public transport, poor drainage and sewage system. Finally, he requested the needs be fulfilled in the forth coming year. The villagers and the Administrators-President,

National Service Scheme (NSS)

Counsellor and Secretary expressed their gratitude to the NSS unit of SRM Valliammai Engineering College.



The NSS volunteers of SRM Valliammai Engineering College were invited by the Inspector of Police, T-9 Maraimalai Nagar police station to educate the NSS volunteers about the disaster management during natural hazards such as cyclone drought and floods on 1st September 2022 at Nandheeswar temple pond, Guduvancheri. The demonstration was a joint initiative from the Police Department, Fire and Rescue Department and Revenue Department based on the orders issued by the Collector of Chengalpattu. The volunteers were asked to watch the demonstration carefully and try to understand the rescue measures. Several simple but efficient rescue measures were taught by the Fire and Rescue Department Officers. They jumped into the pond and demonstrated the techniques of rescue. Later the volunteers who knew swimming were called by the officers and they were involved in the drill. The Tahsildar explained every step of the rescue to the volunteers. The Government officials appreciated Dr. S. Parthasarathy, NSS Programme Officer and his team of volunteers.



The NSS volunteers of SRM Valliammai Engineering College gathered to honour Dr. Mokshagundam Visvesvaraya, who is credited as the first Indian civil engineer and to celebrate Engineer's Day. 'Kuthuvilakku' was lit by the Director, Principal, Vice-Principal and all the heads of the departments to start the programme. S Nithim Sha, II ECE-2 delivered a speech in English about the achievements of the Father of Engineering. He pointed out his ability to harness water resources and to build dams. S R Jayamathi, II CSE-2, spoke in tamil about the life history of the father of modern Mysore, what it means to be an engineer and the duties of an engineer. She also mentioned that he was the first person to get Bharath Ratna while being alive. Later all the dignitaries paid their respects to Sir M Visvesvaraya. Dr. S. Parthasarathy, NSS Programme Officer proposed a vote of thanks.

The NSS unit of SRM Valliammai Engineering College in association with Urbaser Summeet and CommuniTree NGOs jointly organized a Coastal Cleanup Drive 2022 on 17th September 2022 at Marina Beach from 6.30am to 9.30am. The volunteers assembled near the statue of labour in Marina Beach at 6.30am and started to clean the beach by picking up the waste from the sand. They also collected all the wastes like plastic wrappers, plastic water bottles, glass bottles, papers, wooden particles, etc. The volunteers collected almost 13 bags of wastes from the area of 750 meters in the beach. The members of NGOs appreciated the volunteers and they also thanked Dr. S. Parthasarathy, NSS Programme Officer,



for his initiative in bringing the volunteers for the coastal cleanup 2022. Finally the volunteers administered 'The Social Justice Day' pledge in the beach.

An Awareness programme about cancer was conducted by the NSS unit of SRM Valliammai Engineering College in association with the department of Medical Electronics on World Cancer Day i.e on 22nd September 2022 at the old seminar hall. Ms. V. Vijayalakshmi from the department of Medical Electronics gave an interactive speech about cancer. She discussed about cancer prevention, lowering the risk of getting cancer, maintaining a healthy lifestyle and avoiding exposure to known cancer causing substances. Then Ms. Jayamathi, NSS volunteer gave an inclusive speech to raise awareness of cancer and to encourage its prevention, detection and treatment. She remarked that the primary goal of the day was to significantly reduce illness and death caused by cancer. Ms. Shobika from the department of Medical Electronics gave an informative speech about how the society approaches cancer and how it is supposed to be approached. A group of students from the department of Medical Electronics projected a powerpoint presentation on various topics like types of cancer, its causes, precaution and information about Cancer Institutes. Dr. S. Parthasarathy, NSS Programme Officer proposed a vote of thanks and concluded the program.



On the occasion of NSS Day, the NSS unit of SRM Valliammai Engineering College participated in the inauguration of Green Tamil Nadu at a place owned by the Forest Department near Aringnar Anna Zoo, Vandalur. The NSS volunteers assembled in the venue on 24th September 2022 at 8.00am for the preparatory works like ploughing the field and laying laid manure for plantation. Chief Minister M. K. Stalin planted the first sapling during the opening ceremony of 'Green Tamil Nadu'. Then the NSS volunteers planted the other saplings. About 1000 saplings were planted in the ceremony. Honorable Chief Minister spoke about the importance of plantation and protection of trees. Forest Minister K. Ramachandran said the Green Tamil Nadu Movement had been launched to increase the forest area by 33%. The Honorable Chief Minister concluded the programme by thanking all the volunteers for their interest towards the movement of Green Tamil Nadu.



State Level Adventure Camp (SAC)



Anna University NSS team comprising 12 students and a Programme officer and the other volunteers with their NSS Program officers from 12 Universities assembled at Sona college of Technology, Salem for the State Level Adventure Camp (SAC). After the registration process, Dr. M. Senthil Kumar, State NSS Programme officer, and Dr.S.R.R Senthil Kumar, Principal, Sona College of Technology highlighted the events of the camp. They delivered the importance and significance of NSS, and also how we could make use of this platform to serve the society. They enlightened the volunteers about the importance of adventure camp, physical fitness and health. After that, the volunteers were taken to Don Bosco Retreat Centre of Yercaud for the further proceedings of the camp.



On the second day, FITINDIA program was conducted. Then the awareness rally on the usage of plastics was organized. They also collected plastic wastes from the roads and distributed the pamphlets of 'Manjapai' to the public. A street play was staged by the volunteers on 'Plastics and its impacts'. They also participated in the adventure activities like bungee jumping, zip line, rope course and paintball at Poppy hills, Yercaud. Dr. C. Samuvel Chelliah, Deputy Secretary & the Regional Director gave a motivation talk which inspired the audience.



The physical fitness exercises were executed for NSS volunteers on the third day. Then the NSS volunteers were taken to the Peeku Park. The chief guest Mr. Annadurai spoke about developing good food habits. Cultural programmes were displayed by the volunteers. Many participants displayed their skills and creativity. On the last day, the volunteers visited the nearby villagers to know about their lifestyle and struggles in Yercaud.

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

A Guest Lecture on 'Process control in Pharma Industries' was delivered by Dr. A. Titus Samuel, Deputy General Manager, Cephas Medical Pvt. Ltd, MEPZ-Special Economic Zone, Chennai-45 on 29th August 2022.



Guest Lecture on 'Process control in Pharma Industries'

A seminar on 'How To Plan For Start Up And Legal & Ethical Steps' was delivered by Dr. C. P. Rosy Fernando, Founder & CEO, Startup Solutions, Chennai on 26th September 2022.



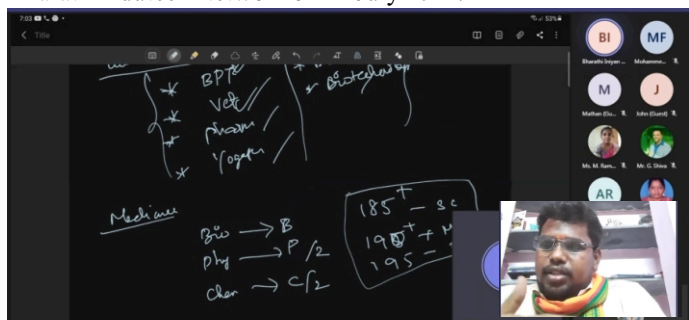
Seminar on 'How To Plan For Start Up And Legal & Ethical Steps'

A Workshop on 'Instrumentation in Process Industry' was delivered by Dr. U. Sabura Banu, Director, ArcresTechsol Pvt. Ltd., Formerly Intellectz Tech 4 All, Chennai on 12th Sept. 2022.



Workshop on 'Instrumentation in Process Industry'

A Motivational talk on 'Live The Dream Motivational Talk and Career Guidance Programme' was delivered by Mr. C. Divya Bharathi M.E., C.C.SE., C.A.E., Head Winning Star Institute & Bharathi Edutech Network on 1st July 2022.



Motivational talk on 'Live The Dream Motivational Talk and Career Guidance Programme'

A Orientation Programme on 'Robotix Club' was conducted on 29th September 2022.

The Second Year U.G students of the Dept of EIE visited Aavin Milk Processing Plant, Madhavaram, on 30th Sept. 2022.



Industrial Visit to Aavin Milk Processing Plant, Madhavaram

The Third Year and Final year U.G students of the Dept of EIE visited 'Kasa Anlagen India Pvt. Ltd' located at Thirumudivakkam, Chennai - 44 on 23rd September 2022.



Industrial Visit to "Kasa Anlagen India Pvt. Ltd"

B.V. Asswanth III year and Srinivasan A.T, II year student participated and secured the following places as listed, i. Badminton- winner in Buck Memorial Tournament at YMCA College of Physical Education on 23th Sept. 2022. ii. Badminton-runner in Seetharaman & Lakshmiammal Memorial Trophy (State Level) at Sri Sairam Engineering College on 29th & 30th Sept. 2022. iii. Badminton- Quarter finalist in Kongu Trophy at Kongu Engineering college from 8th to 12th Sept. 2022. iv. Badminton- Semi-finalist in Founders Birthday Trophy (National Level) at SRM IST from 20th to 23rd Aug. 2022.

Amhrutha Vahini.R II year secured the runner in Basketball-Founders Birthday Trophy(National Level) at SRM Institute Science and Technology from 20th to 23rd August 2022.

Placement & Career Guidance

During July to September 2022 the following programmes were conducted.

Leader Connect for 2022 Batch students by CTS on 07.07.2022 at SRM VEC.

For 2022 Batch pass out students Technical Training was conducted from 19.07.2022 to 22.07.2022 by Vformations, Aptitude Training by FACE from 23.07.2022 & 25.07.2022 to 28.07.2022 and Mock GD & Mock Interview by Vformations from 29.07.2022 & 30.07.2022.

Indian Air Force conducted the Induction Publicity Exhibition Vehicle (IPEV) Drive at SRM Valliammai Engineering College on 02.09.2022 for II & III Year Students. A Volvo Bus with a fighter plane display held at New Building Portico for Staff and Students to visit. In connection with 'Air Force Day - Fly Past' event, SRM VEC Students and Faculty Members were participated at Air Force Station Tambaram on 8th October 2022.

During the tenure 11 companies were conducted their campus drive and Total 211 students were placed.

A Guest Lecture on 'Road Ahead in Logistics and Supply Chain Management' was organised by the Dept. of Management Studies on 13th September 2022. Dr. L. Karthigeyan, Counsellor, Confederation of Indian Industry, Chennai delivered the lecture for the final year MBA students.



Guest Lecture on 'Road Ahead in Logistics and Supply Chain Management'

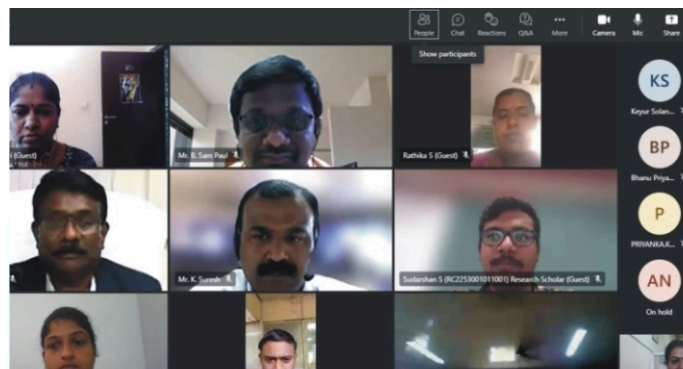
A one day National Seminar sponsored by National Assessment and Accreditation Council (NAAC) on 'Quality Enhancement Sustenance Measures in Higher Education: Innovation, Trends and Challenges' was organised by the Internal Quality Assurance Cell, SRMVEC in association with the Dept. of Management Studies on 10th September 2022. The Chief Guest Dr.K.Pandian, Controller of Examinations, University of Madras, Chennai inaugurated the seminar in the presence of Dr.B.Chidhambararajan, Director, SRM Valliammai Engineering College. Dr.M.Murugan, Principal, Dr.H.Krishnan, Vice Principal, Dr.K.Sentamilselvan, Convenor, Dr.K.Guru, Assistant Professor and Dr. L. Sujatha, Assistant Professor coordinated the seminar. Eminent resource persons Dr.S.Balamurugan, Associate Professor, Department of Educational Psychology, Tamil Nadu Teachers Education University, Chennai, Dr.A.Mariappan, Associate Professor, Department of Economics, Loyola College, Chennai, and Dr. S. Hemamalini, Professor, School of EEE, Joint Director, Directorate of Ranking & IOE, VIT, Chennai delivered their expert lectures as a part of the seminar. 99 faculty members participants from Engineering, Arts and Science College across the state participated in the seminar.



National Seminar on 'Quality Enhancement Sustenance Measures in Higher Education: Innovation, Trends and Challenges'

A five day Online Faculty Development Programme on 'Emerging Trends and Challenges in Management and IT Education' was organised by the Dept. of Management Studies in association with the CII Southern Region from 25th July 2022 to 29th July 2022. Dr. S. Meenakumari, Professor, Dept. of Management Studies, Anna University, Chennai inaugurated the programme. The resource persons including Dr. Lokeshwara

Choudhary, Asso. Professor, Dept. of Commerce, Govt. College of Men, Chennai, Dr. B. Devamaindhan, Professor, Dept. of Management Studies, University of Madras, Dr. K. Bhanumathi, Chief Operating Officer, CII Southern Region and Dr.T.Balasaravanan, Professor & Head, Dept. of Economics, SIVET College, Chennai delivered their expert lecture as a part of the programme. 52 Faculty Participants from various institutions participated in the program.



Online Faculty Development Programme on 'Emerging Trends and Challenges in Management and IT Education'

Dept of Management Studies, in association with Incubation and Innovation Centre conducted a Guest Lecture on 'Mentoring Session for Prototype Development' on 18th July 2022. Mr.Senthil Kumar.S, Chief Executive Officer, Dream Shapes Pvt Ltd, Chennai delivered the lecture.



Guest Lecture on 'Mentoring Session for Prototype Development'

A Staff Development Programme on 'Managing Workplace Relationship' was organised by the Dept. of Management Studies on 14th July 2022 for the Non-Teaching Staff members of our institution. Dr.J.Anand, Asst. Professor organised the programme. 15 Programmers from various departments of our college participated in the program.



SDP on 'Managing Workplace Relationship'

Dept. of Management Studies, in association with Institution Innovation Council organised a workshop on 'Advertisement and Campaigns' on 1st July 2022. Mr. Ajith Selvaraju, Founder and Executive Manager of N'Kisi Institute of Training, Chennai conducted the workshop for the final year MBA students.

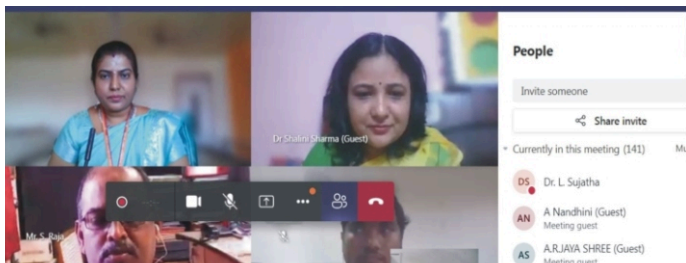
Dr. K. Guru, Assistant Professor completed the NPTEL course on Managing Services.



Workshop on 'Advertisement and Campaigns'

Dr. L. Sujatha, Assistant Professor attended the Innovation Ambassador Training Lecture on Entrepreneurship and Design Thinking conducted by IIC MHRD.

Dept. of Management Studies in association with Institution Innovation Council and Entrepreneurship Development Cell organised an Online Guest Lecture on 'Youth Entrepreneurship' on 29th June 2022. Dr. Shalini Sharma, Assistant Professor, Delhi Skill and Entrepreneurship University, Government of NCT of Delhi delivered the lecture.



Online Guest Lecture on 'Youth Entrepreneurship'

Faculty Members and the students from the Dept. of Management Studies participated in the webinar on 'Emotional Wellness & You: Realistic Strategies' organised by All India Management Association (AIMA) on 28th September 2022. The Chief Guest, Dr. Wilona Braganza, MD, Emotional Wellness Trainer & Consultant Psychiatrist delivered the expert lecture.

Faculty Members and the students from the Dept. of Management Studies participated in the webinar on 'New Blue Boy Electric Vehicle Changing Automobile Landscape' organised by All India Management Association (AIMA) on 13th September 2022. The Chief Guest Mr. Abhijeet Sinha, National Programme Director-Ease of doing Business programme and Country Director (India & UAE) Advance Services for Social & Administrative Reforms delivered the session on the role of Electric Vehicles in the present automobile market and the future of Electric Vehicle Industry.

A Webinar on 'Leadership in a Post Covid World What it takes to win?' was organised by AIMA on 1st September 2022. The Chief Guest Ms. Naina Lal Kidwai, Additional Director & Senior Advisor, Rothschild India and Dr. Preetha Reddy delivered the keynote address. The Faculty Members and the Students from the Dept. of Management Studies participated in the webinar.

A virtual meeting on 'Shaping Young Minds Programme' was organised by AIMA on 26th August 2022. Dr. Radhakrishnan, Former Chairman, Space Commission / Secretary Department of Space & Chairman, ISRO inaugurated the programme and delivered the keynote address in the presence of Mr. Chanakya Chaudhary, Session Chair, Vice President, Corporate Services Tata Steel, President, Jamshedpur Management Association. It was followed by a session by Mr. D. Shivakumar, Group Executive President, Strategy and Business Development, Aditya Birla Group & Past President, AIMA who spoke about Leadership Management, Styles of Leadership and Life's teaching. Faculty

Members and the students from the Dept. of Management Studies participated in the webinar.

The Faculty Members and the Students from the Dept. of Management Studies participated in the Webinar on 'The Metaverse Conversation' organised by AIMA on 18th August 2022. The Chief Guest Mr. Rajan R Navani, Vice Chairman & MD Jetline Group of Companies, JetSynthesys delivered the lecture.



Dr. S. K. Saravanan AP(Sel. G) attended a Five-day online Faculty Development Program(FDP) on 'Insights and Open Challenges in Computing Technologies' organized by the Department of Computer Science and Engineering, Sri Sairam Engineering College, West Tambaram, Chennai from 11th July 2022 to 15th July 2022.

Dr. S. K. Saravanan ,AP(Sel. G) successfully completed and obtained certification from IIT Bombay Spoken tutorial online examination for the subjects C++ and Java on 7th July 2022.

Dr. S. K. Saravanan AP(Sel. G) attended a Three-day online Faculty Development Program(FDP) on 'Foundations of Data Science' organized by the Department of Computer Science and Engineering, St. Joseph's Institute of Technology, OMR, Chennai from 4th August 2022 to 6th August 2022.

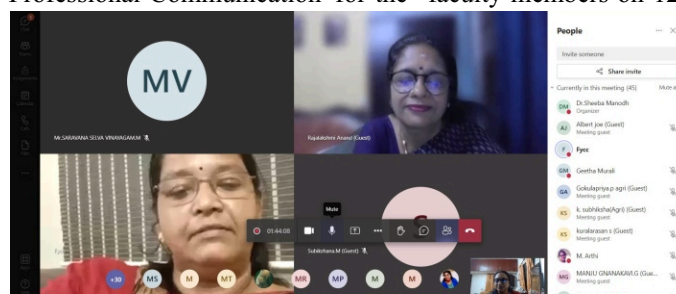
Dr. S. K. Saravanan, AP(Sel. G) and Mr.V.Santhanamarichamy, AP(Sel.G) published a research article titled 'A Comprehensive Analysis and Usage of Data Science and Analytics' in the International Journal of Multidisciplinary Educational Research (IJMER), ISSN: 2277-7881, Volume 11 Issue 6, July 2022.

Dr. M. Mayuranathan, AP(Sr.G), Dr. S. K. Saravanan, AP(Sel. G), Dr. B. Muthusenthil, Associate Professor and Dr.A.Samydurai, Associate Professor published a research article titled 'An efficient optimal security system for intrusion detection in cloud computing environment using hybrid deep learning technique' in Advances in Engineering Software ELSEVIER Science Direct Journal, August 2022.

Dr. S. K. Saravanan AP(Sel. G) and Dr. B. Muthusenthil, Associate Professor attended a One-day Faculty Development Program(FDP) on 'Virtual Reality for Education and Emotional Intelligence' organized by WHY TAP Global Services, at Hotel Victoria, Egmore, Chennai on 6th Sept 2022.



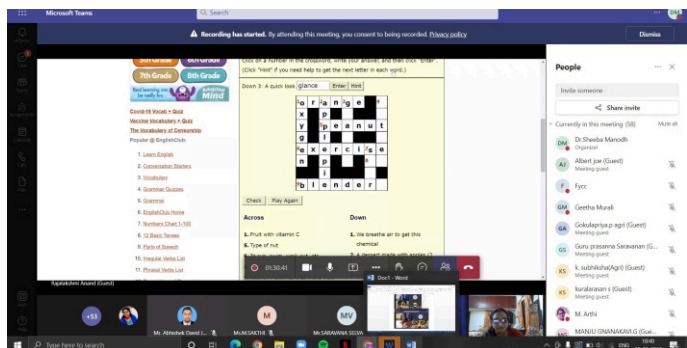
The department of English, under the auspices of Eclectic Lingua organized an FDP titled 'Breaking Barriers to excel in Professional Communication' for the faculty members on 12th



Effective Communication Skills - An insight into Efficient Communication

July 2022 in the college campus. The resource persons for this programme were Ms.M.Chithra, Head, Dept of English and Dr.Sheeba Manodh, Asst. Prof, Dept of English. A number of interesting activities were conducted for the staff members in which they participated actively with great interest.

The department of English, under the auspices of Eclectic Lingua organized a workshop titled 'Rejuvenate your Resume and Reap your Rewards' for the third year students belonging to Mechanical, Civil, ECE, Medical Electronics and Agriculture Engineering on 25th August 2022. The resource persons for this



Workshop on 'Rejuvenate your Resume and Reap your Rewards'

workshop were Ms.M.Chithra, Head, Dept of English and Dr.Sheeba Manodh, Asst. Prof, Dept of English. This workshop was an eye opener to the students who are in the process of building their resumes for their campus interviews. They were briefed about the nuances of creating an effective resume.

The department of English under the auspices of Eclectic Lingua organized India@75 to commemorate the occasion of 75 years of Indian independence. The competitions were 'Say it with Emoji', 'Portraying in Patriotism in shades of Gray and Black' and 'Voice out Opinion in Tricolour'. The students

The department of English, under the auspices of Eclectic Lingua organized a workshop titled 'Effective Communication Skills- An insight into Efficient Communication' for the second year students belonging to Mechanical, Civil, ECE, Medical Electronics and Agriculture Engineering on 30th Sep 2022. The resource person for this workshop was Ms.Rajalakshmi Anand, a Free Lance Soft skills Trainer. Many activities that promote communication was conducted by her. The students involved themselves very enthusiastically during the workshop.

Dr. Sheeba Manodh, Asst.Prof participated and successfully completed the 6-day online UHV-II FDP organized by All India Council for Technical Education (AICTE) from 20th June to 25th June 2022.

பாரிவேந்தர் மாணவர் தமிழ் மன்றம்

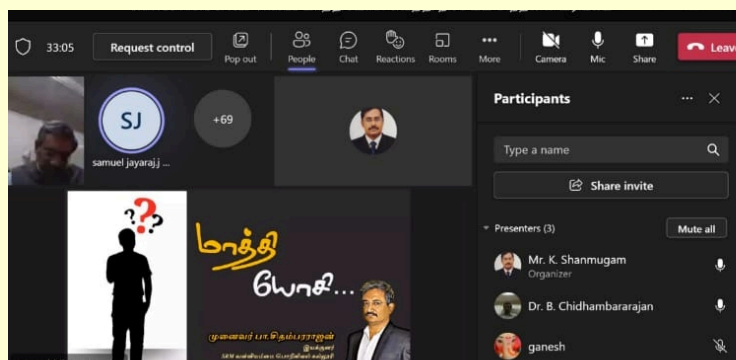
Mr. K.Shanmugam, AP(OG)/CSE delivered a special address about the Tamil computing on 2nd July 2022 organized by Tamil Internet academy and International information technology in Tamil at Srilanka and special appreciation was given to him for Tamil computing activities.



SRM Valliammai Engineering College, Paarivendar Student Tamil association and Kanith Tamil Peravai jointly organized a state level Mobile App competition for the college students from 11th July 2022 to 22nd July 2022 by online in the topic mobile app creation in Tamil.

The Prize winners are; First prize (Cash award- Rs.3,500) S. Sharmila, Loganatha Narayanasamy Government College, Ponneri, Second prize (Cash award- Rs.3,000) A. Srinivas, Ayya Nadar Janaki Ammal College is an autonomous college in Sivakasi & Third prize (Cash award- Rs.2,000) - Srikanth, S.Bhuvaneshwar, T.Santhosh, Loganatha Narayanasamy Government College, Ponneri

SRM Valliammai Engineering College, Paarivendar Student's Tamil association organized the guest lecture event on 11th august 2022 on the topic of 'Maathiyosi Vetri Nichayam' for the benefit of college students and professors. The Chief Guest of this event was Dr.B.Chidhambhararajan,



Director, SRM Valliammai Engineering College. In his speech, he explained the obstacles and benefits of Maathiyosi. More than a hundred participants participated and benefited from the event. Dr.M.Murugan, Principal, SRM VEC attended the event. The heads of the department of the college, professors and students attended in this event. The event was organized by K. Shanmugam, Tamil mandram Coordinator.

Dr. B. Chidhambara Rajan, Director/SRM VEC and Mr.K.Shanmugam, AP/CSE published an article titled 'Importance of Engineering' in Manava Kathir Magazine and Thirukkural concepts and Cloud Computing concepts published in The Hindu Tamil Newspaper.

Selvan Bharathkumar, IInd year / Mechanical Engineering, participated in the Pattimandram show on 14th August 2022 in Tamilzhan TV and K. Shanmugam, AP/CSE acted as a judge for the Pattimandram event in Tamilzhan TV.

SRM Valliammai Engineering College, Paarivendar Student Tamil association and Vasanth TV jointly organized a Kalatta Ganapathy show in our college campus on 27th August 2022 for Vinayagar Chathurthi festival. The show telecasted on 31st august 2022 in Vasanth TV.

Mr.K.Shanmugam, AP/CSE, was honoured with the 'Eminent Teacher Award' (தகுதகரால் ஆசிரியர் விருது) by Gnanaguru Foundation, Madurai and world Tamil Epic Research Association, Malaysia.

Selvan Pandiselvam, IIInd year/EEE, won the second prize in the state Level drawing Competition on 29th August 2022 organized by Semmozhi Tamil Sangam and received Rs.1,500/- cash award and certificate.



SRM Valliammai Engineering College, Paarivendar Student Tamil association and Kanith Tamil Peravai jointly organized a Teachers day celebration event, AICTE SPICES event Prize distribution and Motivational Talk event on 5th September 2022. The guest speaker at the event was Nagaichuvai Navalar, Pulavar Ramalingam, orator, writer and scholar in Tamil. In this occasion, Neeyum Nanum mobile app was released for Tamil technical glossary words. Prize distribution ceremony was held an Independence Day competitions, mobile app creation competition and so on.

This event was conducted by AICTE SPICES scheme fund. More than 100 students participated and benefited by this event. This event was coordinated by Mr.K.Shanmugam,AP/CSE.



SRM Valliammai Engineering College, Paarivendar Student Tamil association organized Independence Day competitions such as Essay writing, Speech, Poetry writing and Drawing competition on 10th August 2022.

Mr.K.Shanmugam,AP/CSE, acted as the guest for the special address the topic on பொருளாற்றுப்படை organized by Tamil language and cultural society, Singapore by online mode on 18th September 2022.

SRM Valliammai Engineering College, Paarivendar Student Tamil association and Kanith Tamil Peravai jointly organized a workshop on 'Augmented reality and Virtual reality and its applications in Tamil' on 26th September 2022. The guest speaker at the event was Dr.R.Rajkumar, Assistant Professor, Department of Data science, SRM IST. He spoke on

topics such as Virtual reality concepts, AR softwares, Metaverse, How to make Tamil related AR and VR model. This event was conducted by AICTE SPICES scheme fund. More than 50 students participated and benefited by this event. This event was coordinated by Mr.K.Shanmugam,AP/CSE.



Mr. K. Shanmugam, AP(OG)/CSE participated the workshop on Creating a Virtual Tamil culture Museum on 28th September 2022 organized by Tamil virtual academy and IIT, Chennai.



Mr.K.Shanmugam, AP(OG)/CSE, participated the Thirukkural-Therinthu kolvoam programme in Vasanth TV and this thirukkural programme telecasted in Vasanth TV facebook page.

Physics

Department of Physics

Dr.S.Gandhimathi, Assistant Professor (SG), published a paper titled 'Sulfonated poly(ether ether ketone): efficient ion-exchange polymer electrolytes for fuel cell applicationsa versatile review' in the journal of Material Advances- July 2022, (3) 6085.

Mrs.R.Sasireka, Assistant Professor (OG), and Mrs.Ramya Rajan M.P, Assistant Professor (OG), attended an International Conference on 'Sustainable Materials and Technologies for Bio and Energy Applications SMTBEA-2022, in association with Elavelin Science Association & Indian Science and Technology Association organized by SSN Institutions, Kalavakkam, Chennai, on 13th and 14th July 2022.

Dr.S.Padmaja, Assistant Professor (OG), published a paper titled 'Structural and electrical properties of CdS nanocomposite solid films for electrolyte applications', in the journal of Soft Materials -August 2022, 20:4, 479-489.

Dr.K.Thiruppathi, Assistant Professor (SG), attended an International Workshop on 'Thermoelectric Materials and Applications' organized by SSN Research Centre, SSN Institutions, Chennai, Tamil Nadu, India and sponsored by Science and Engineering Research Board (SERB), Government of India, In association with Indian Association for Crystal Growth (IACG) on 24th and 25th August 2022.

Dr.S.Gandhimathi, Assistant Professor (SG), published a paper titled 'Zinc-trimesic acid metal-organic framework incorporated sulfonated poly(ether ether sulfone) based polymer composite membranes for fuel cell' in the Journal of Polymer Engineering and Science-September 2022, 62(9), 2986-2997.

Dr.K.Thiruppathi, Assistant Professor (SG), presented a paper titled 'Synthesis, molecular docking, quantum mechanical calculation and anticancer activities of some Curcumin analogues: 2, 6-(Difurfurylidene) cyclohexanone and 2, 6 Bis

(2,6-Dichloro Benzylidene) cyclohexanone' in the 3rd International virtual conference on Recent Trends in Clean Technologies for Sustainable Environment (CTSE-2022), organized by the Centre of Excellence in Water Research (CEWAR) in association with Department of Chemical Engineering, SSN College of Engineering, Chennai, on 15th and 16th September 2022.

Maths

Department of Mathematics

Dr. V.Vijayalakshmi /AP (Sl.G) and Dr. S.Chitra, HOD /AP (Sl.G) and Dr.T.Isaiyarasi AP (Sl.G) published a paper titled 'Fuzzy Inference Model to Identify the Effects of Vaccination on Covid-19 Outbreak in Tamilnadu, India', on Neuroquantology July 2022, Volume 20, Issue-8, pp.6343-6355.

The Mathematics Association 'EULER.COM' organized Intra Department Faculty Development Programme on the 'Engineering Mathematics through SAGEMATH' on 20th July 2022 for the department of Mathematics. The lecture and Hands on Training was delivered by Dr.T.Isaiyarasi & Mr. N. Sundarakannan Assistant Professor, Department of Mathematics, SRM Valliammai Engineering College, Kattankulathur. The lecture started with the basic concepts of Exploring integers with Sagemath codings for problems solving in system of linear equations, plotting 2D graphs in SAGEMATH.

Dr.V.Vijayalakshmi/ AP (Sl.G) delivered a Talk on 'Entrepreneurship and Innovation' at SRM Valliammai Engineering College on 27th August 2022.

Dr.V.Vijayalakshmi/ AP (Sl.G), Dr.G.Sasikala, Mr.N.Sundarakannan, Mrs.A.Karpagam, Mrs.B.Vasuki, Mr.L.Mohan, Mrs.M.H.A. Aysha Chithukka and Mrs.S.Ramya successfully completed five day online FDP on the theme 'Inculcating Universal Human Values in Technical Education' on July 2022.

The Mathematics Association 'EULER.COM' organized a 'Guest Lecture on Vector Calculus' on 1st July 2022 for the first year students. The lecture was delivered by Mr. R.Suresh Kannan, Assistant Professor, Department of Mathematics, Thirumangalam Arts and Science College, Madurai. The lecture started with the basic concepts of vectors, scalars, Gradient, Divergence, Curl and Directional derivatives with problems.

Mrs.M.H.A. Aysha Chithukka and Mrs.S.Ramya attended NAAC sponsored National Seminar on 'Quality Enhancement and Sustenance Measures in Higher Education: Innovation, Trends and Challenges' at SRM Valliammai Engineering College on 10th September 2022.

Mrs.B.Vasuki published a paper 'Face Antimagic Labeling for Double Duplication of Barycentric and middle Graphs' in the Iraqi Journal of Science, No.2, September 2022, pp. 3902-3908.

Chemistry

Department of Chemistry

Dr. N. Jayaprakash, Assistant Professor (Sr.G) presented a paper on 'A Facile Synthesis of CaO/Carbon Composite: Waste to Wealth Approach' in the National Conference on Chemical Sciences for Futuristic Advancement organized by the Easwari Engineering College, Chennai, from 01st to 02nd July 2022.

Dr. L. Devaraj Stephen, Assistant Professor (Sr.G), Dr.S.G.Gunasekaran, Assistant Professor (O.G) and Ms. M. Meera, Assistant Professor (O.G) successfully participated in a AICTE Sponsored Scheme Programme-Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES) organized by SRM Valliammai Engineering College, Kattankulathur, on 11th July 2022.

Dr. S. G. Gunasekaran, Assistant Professor (O.G) was awarded the Certificate of Excellence in Reviewing for the recognition of outstanding contribution to the quality of the journal by the Asian Journal of Environment & Ecology, on 23rd July 2022.

Dr. L. Devaraj Stephen, Assistant Professor (Sr.G) participated and successfully completed the 5-day Face to Face UHV-II FDP organized by AICTE at College of Engineering, Anna University, Chennai, from 1st to 5th August 2022.

Dr. S. G. Gunasekaran, Assistant Professor (O.G) successfully completed two modules conducted by National Institute of Technical Teachers Training and Research (NITTTR) during August 2022.

Dr. S. G. Gunasekaran, Assistant Professor (O.G) was awarded the Certificate of Excellence in Reviewing for the recognition of outstanding contribution to the quality of the journal by the Asian Journal of Dental Sciences, on 20th August 2022.

In the National Conference on New Avenues and Advancements in Material Sciences (NAAMS-2022), organized by SRM Institute of Science and Technology, Ramapuram, Chennai, on 26th Sept. 2022, the staff noted below presented papers.

i) Dr. L. Devaraj Stephen, Assistant Professor (Sr.G) presented a paper on 'In-Situ Preparation of and Photoreduction Performance of CoIII(Tn)2Cl(L)2+ on Aqueous TiO2 under Visible-Light'.

ii) Dr. J. Krishnamurthi, Assistant Professor (Sr.G) presented a paper on 'Design and Synthesis of Anion-Responsive Polymer Gels for the Detection of Fluoride and Acetate Ions'.

iii) Dr. N. Jayaprakash, Assistant Professor (Sr.G) presented a paper on 'A Waste to Wealth Approach: CaO/carbon Composite from Eggshells Waste by Thermal Decomposition Method'.

iv) Dr. M. Soundararajan, Assistant Professor (O.G) presented a paper on 'Toxic heavy metal-Cadmium (II) ions Removal from Wastewater through Biosorption-Adsorption from Water'.

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

vi) Dr. P. Maheswari, Assistant Professor (O.G) presented a paper on 'Preparation and Performance of Anti-Fouling Poly (Phenylene ether ether sulfone)/Nano-Cerium Oxide Ultrafiltration Membrane for Water Treatment'.

vii) Mr. V. Arivalagan, Assistant Professor (Sr.G) presented a paper on 'Pyrenyl Pendant Core Imine Skeletal Nanotitania Reinforced Polybenzoxazine (nTiO2/PBZ) Nanocomposites'.

viii) Ms. M. Meera, Assistant Professor (O.G) presented a paper on 'Nanosilica incorporated Thiophenyl Pendant Pyridine core Imine Skeletal Polybenzoxazine (nSiO2/PBZ) Hybrid Nanocomposites'.

Dr. S. G. Gunasekaran, Assistant Professor (O.G) was awarded the Certificate of Excellence in Reviewing for the recognition of outstanding contribution to the quality of the journal by the South Asian Journal of Research in Microbiology, on 28th September 2022.

Dr. L. Devaraj Stephen, Assistant Professor (Sr.G), Dr.J.Krishnamurthi, Assistant Professor (Sr.G), Dr.N.Jayaprakash, Assistant Professor (Sr.G), Dr. M. Soundararajan, Assistant Professor (Sr.G), Dr. S. G. Gunasekaran, Assistant Professor (O.G), Mr. V. Arivalagan, Assistant Professor (Sr.G), Dr. P. Maheswari, Assistant Professor (O.G) and Ms.M.Meera, Assistant Professor (O.G) successfully completed and received an Elite certificate in NPTEL Online Course on 'Structural Analysis of Nanomaterials' during the July-Oct 2022.

NCC - NAVAL

POC Ajaiy Suriya, III Yr AI-DS, attended the Sea Attachment Camp held from 3rd July 2022 to 13th July 2022 at INS MAGAR, Kochi.

The following 3 cadets attended the Inter Unit Competition cum Nausainik Camp (IUC/NSC) held from 2nd August 2022 to 11th August 2022 at 1(P) Naval Unit NCC, Group Hq, Pudhucherry. 1.Siva Prakash. S (Reg.No. TN20SDN928816), III Yr CSE secured the rank 'CC', 2. Akshayapriya. A, (TN20SWN928823) III YR CYB.Sc, secured the rank POC & 3.Sanjay L, (TN20SDN928814) III Yr ECE Secured the rank NCI.

NCC wing of SRMVEC conducted the 'Best Cadet Competition' for the NCC Naval cadets with following categories, Physical test, Drill test, 3- minutes speech and written test for the celebration of 'Azadi Kaamrit Mahotsav' on 13th August.2022 (Saturday). In this regard, POC Ajaiy Suriya, III Yr AI-DS was selected for the 'Best cadet' award 2022.

The NCC wing participated in the '75th Independence Day 2022' celebration in our institution in association with NSO, YRC and NSS.

POC Ajaiy Suriya, III Yr AI-DS, attended the EBSB -I camp 2022 held from 24th August, 2022 to 04th September 2022 at NTA Idaiyapati, Madurai.

Cadet Captain Siva Prakash. S, III Yr CSE, attended the NSC-1 camp held from 23rd August 2022 to 30th August 2022 at 1(P) Naval unit NCC, Group Hq, Pudhucherry.

18 NCC cadets of both Army and Navy attended 'Training for Disaster Management' for Disaster Managements at Nadhivaram lake, Guduvancherry on 01.09.2022 organized by H2 Police Station Guduvancherry.

NCC naval wing and Department of Placement jointly organized the 'Induction Publicity Exhibition Vehicle' on 02nd September 2022 by the team Airforce, Tambaram Station.