

Newsletter

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Website: www.srmvalliammai.ac.in



Ms. Harini Ravi, Correspondent, SRM VEC, Inaugurated the Technology Business Incubation on 26.02.2023 in presence of Dr.P.Uma Maheswari, CEO - AIC, Anna Incubator

Department of Civil Engineering

The Department of Civil Engineering, in association with the Institution of Engineers(I), Indian Society for Technical Education, Institution's Innovation Council and Industry-Institute Partnership Cell organized a six-days Faculty Development Programme (FDP) on 'Water Supply and Wastewater Engineering' during 2nd January 2023 to 9th January 2023.



A Six-Day FDP on 'Water Supply and Wastewater Engineering'

Department of Civil Engineering and Department of Agricultural Engineering of SRM Valliammai Engineering College, in association with Indian Society for Technical Education (VEC Faculty & Students Chapter), Institution of Engineers (India)-(VEC Students Chapter), Institution's Innovation Cell and Industry- Institute Partnership Cell have organized the tenth National Level Technical Symposium Construo Cronus'23 on 28th January 2023. The Chief Guest



National Level Technical Symposium Construo Cronus'23

Prof.Dr.M.Siddharth, Senior Scientist & Head, KrishiVigyan Kendra - ICAR, Govt. of India, Chengalpattu addressed the gathering about the significance of various post-graduation courses in agriculture and about the career opportunities in the government organisations. The special guest Er.A.Karthikeyan,

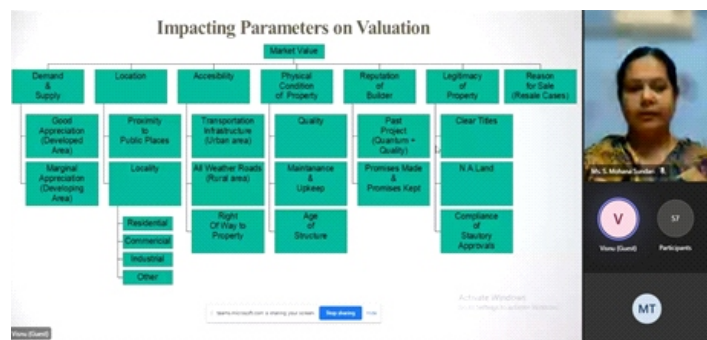
CEO of Karthikeyan Associates, Chennai, imparted the importance of effective learning process during the academic period that would influence their entire career and lifetime. Technical events like Paper Presentation, Project Expo and Quiz were conducted. Non-technical events like Adzap, Bridge it, Sketch art and Puzzles were conducted. Totally 100 students from various Engineering colleges across Tamilnadu participated in the technical and non - technical events. The winners were awarded with cash prizes in the valedictory function.

Mr.A. Sattainathan Sharma - Assistant Professor (Sr.Gr), Ms.K.Tharini - Assistant Professor and Ms.K.Suganya Devi - Assistant Professor, Department of Civil Engineering organized a motivational talk on 'The Big Decision' on 2nd February 2023 for 11th & 12th standard students at Sri Sankara Vidyalaya Matriculation Higher Secondary School, Urappakkam. Around 160 students participated in this event.



Motivational talk on 'The Big Decision'

Department of Civil Engineering in association with Institution of Engineers, Indian Society for Technical Education, Industry-Institute Partnership Cell and Institution Innovation Council organized a Guest Lecture on 'Basics of Building Valuation' on 07th February 2023. Around 106 participants including faculty members, students from our college and student from various institutions participated in this online Guest lecture through Microsoft teams. The guest speaker was Mr.V.Vishnu, Regional Technical Manager, Axis Finance Ltd., Coimbatore.



Guest Lecture on 'Basics of Building Valuation'

Dr.D.Elango, Professor and Head, Department of Civil Engineering, presented an 'Awareness Talk on Institution of Engineers (India)' in Sri Sairam Engineering College on 16th February 2023 which is organized by Department of Computer Science Engineering.

Department of Civil Engineering in association with Institution of Engineers, Indian Society for Technical

Education, Industry-Institute Partnership Cell and Institution Innovation Council organized a Guest Lecture on 'Recent Trends in Waste Water Treatment' on 16th February 2023. Around 75 participants including faculty members, students from our college participated in this Guest lecture. The guest speaker was Dr.G.Dhinakaran, Assistant Professor (Sl.Gr), Centre for Environmental Studies, CEG Campus, Anna University, Chennai.



Guest Lecture on 'Recent Trends in Waste Water Treatment'

Dr.D.Elango, Professor and Head, Department of Civil Engineering inaugurated National a two-day Seminar on 'Remote Sensing & GIS Application on Water Resources Engineering' held at Saveetha Engineering College during the period 3rd to 4th March 2023.



Seminar on 'Remote Sensing & GIS Application on Water Resources Engineering'

On 6th March 2023, Ms.K.Tharini - Assistant Professor, Department of Civil Engineering was the resource person in the session titled 'Women Entrepreneurship and Skill Development Program'. It was organized by Department of Management Studies in association with Entrepreneurship Development Cell and held from 6th to 8th March 2023.

Second Year Civil Engineering students went on a one day Industrial Visit to Institute of Hydraulics and Hydrology, Poondi on 10th March 2023.



Industrial visit to Institute of Hydraulics and Hydrology, Poondi

Dr.D.Elango - Professor and Head, Mr.A.Sattainathan Sharma - Assistant Professor (Sr.Gr), Mr.N.Arunprakash - Assistant Professor(Sr.Gr), Mr.G.R Iyappan - Assistant Professor (Sr.Gr) and Ms.K.Tharini -Assistant Professor (OG), Department of Civil Engineering attended World Engineering Day celebration for Sustainable Development under the theme 'Engineering Innovation for more Resilient World' on 15th March 2023 at Hotel Savera, Mylapore and the Chief Guest of the event was Dr.(Smt.) Tamilisai Soundararajan, Honorable Governor of Telangana & Honorable Lt. Governor of Puducherry.



World Engineering Day celebration Sustainable Development under the theme "Engineering Innovation for more Resilient World"

Department of Civil Engineering, in association with Institution of Engineers and Indian Society for Technical Education, Industry-Institute Partnership Cell and Institution Innovation Council organized a two-day a National Workshop on 'Design and Detailing Using Tekla' on from 23rd - 24th March 2023. Around 35 students from our college and student from various institutions participated in this National Workshop. It was conducted by CADDAM Technologies Pvt Ltd.



National Workshop on 'Design and Detailing Using Tekla'

Mr.A. Sattainathan Sharma - Assistant Professor (Sr.Gr), Department of Civil Engineering received a certificate of appreciation for being recognized as 'NPTEL Discipline Star' for the period July-Dec 2022 from NPTEL Swayam portal.

Department of Civil Engineering in association with Institution of Engineers, Indian Society for Technical Education, Industry-Institute Partnership Cell and Institution Innovation Council organized a Guest Lecture on 'Career Empowerment' on 30th March 2023. Around 75 participants



Guest Lecture on 'Career Empowerment'

including faculty members, students from our college participated in this Guest lecture. The guest speaker was Captain P. Ragu, Assistant Engineering Planning officer, Corps of Engineers, Indian Army.

Mr.N.Arunprakash, Assistant Professor (Sr.Gr), Department of Civil Engineering guided the project titled 'Design and Development of Ultra High Pressure System for Food Preservation' for Final year Agriculture Engineering students and the project got approved by Tamilnadu State Council for Science and Technology (TNSC) for funding under Students Project Scheme 2022-2023.

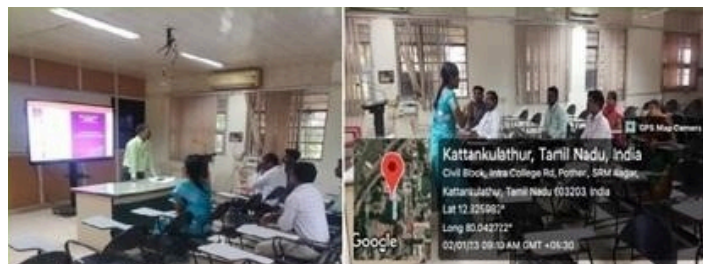
S.Adarsh and M.Pavithra from 3rd year Civil Engineering participated in the 'E - NEXT 2023' on 31st March & 1st April 2023 held at PSG College of Technology, Coimbatore conducted by the Entrepreneurs Club.



'E - NEXT 2023'

Department of Agricultural Engineering

The Department of Agricultural Engineering in association with the Institution of Engineers (I), Indian Society for Technical Education, Institution's Innovation Council and Industry-Institute Partnership Cell organized a six-day Faculty Development Programme (FDP) on 'Unit Operations in Agricultural Processing' during 2nd to 9th January 2023.



FDP on 'Unit Operations in Agricultural Processing'

Mr.T.R. Banu Chander, Assistant Professor, Department of Agricultural Engineering in association with Industry-Institute Partnership Cell and Institution Innovation Council and



Motivational talk on 'Ultimate Guide to a Colourful Career'

Department of Management Studies organized a motivational talk on 'Ultimate Guide to a Colourful Career' on 11th January 2023 for 12th standard students in Government Girls Higher Secondary School, Guduvanchery. Around 76 students participated in this event.

Department of Agricultural Engineering and Department of Civil Engineering in association with Indian Society for Technical Education (VEC Faculty & Students Chapter), Institution of Engineers (India)- (VEC Students Chapter), Institution's Innovation Cell and Industry- Institute Partnership Cell organized the tenth National Level Technical Symposium 'Construo Cronus'23 on 28th January 2023. The Chief Guest Prof.Dr.M.Siddharth, Senior Scientist & Head, Krishi Vigyan Kendra - ICAR, Govt. of India, Chengalpattu addressed the gathering about the significance of various post-graduation courses in agriculture and about the career opportunities in the government organisations.

Department of Agricultural Engineering, in association with Institution of Engineers, Indian Society for Technical Education, Industry-Institute Partnership Cell and Institution Innovation Council organized a Guest Lecture on 'Sustainable Agricultural Practices for Millets' on 10th February 2023. Around 100 participants including faculty members, students from our college participated in this Guest lecture. The guest speaker was Dr.M.Suganthi, Assistant Professor (Agronomy), Central Feed Technology Unit, Institute of Animal Nutrition, PGRIAS, Kattupakkam, Chennai.



Guest Lecture on 'Sustainable Agricultural Practices for Millets'

Mugil Arasan.M and Somaraj.T from 3rd year Agriculture Engineering participated and won a cash prize in the SCIMIT'23 on 28th February 2023 organized by Manakula Vinayagar Institute of Technology in association with IE(I), Puducherry State Centre.



Won a cash prize in the SCIMIT'23

Ms.P.Dhivya - Assistant Professor, Department of Agricultural Engineering was the resource person for the programme titled 'Women Entrepreneurship and Skill Development Program'. It was organized by Department of Management Studies in association with Entrepreneurship Development Cell from 6th to 8th March 2023.

Second Year Agriculture Engineering students went on a one day industrial visit to Institute of Hydraulics and Hydrology, Poondi on 10th March 2023.



Industrial visit to Institute of Hydraulics and Hydrology, Poondi

Mr.T.R. Banu Chander, Assistant Professor (OG) and Ms.P.Dhivya - Assistant Professor(OG), Department of Agricultural Engineering participated in the World Engineering Day for Sustainable Development under the theme of 'Engineering Innovation for more Resilient World' on 15th March 2023 at Hotel Savera, Mylapore and the Chief Guest of the event was Honourable Governor of Telangana & Honourable Lt. Governor of Puducherry Dr.(Smt.)Tamilisai Soundararajan.



World Engineering Day for Sustainable Development under the theme of 'Engineering Innovation for more Resilient World'

Mugil Arasan.M and Somaraj.T from 3rd year Agriculture Engineering have participated in the 'E - NEXT 2023' on 31st March & 1st April 2023 held at PSG College of Technology, Coimbatore conducted by the Entrepreneurs Club.



'E - NEXT 2023'

An amount of Rs.7500/- was sanctioned under Students Project Scheme 2022-2023 of Tamilnadu State Council for Science and Technology (TNSC) to the final year students the department of Agriculture Engineering Manisha D, Boshnividhya N, Sudhesh J and Yuwan Sankar Raj N for their project 'Design and Development of Ultra High Pressure System for Food Preservation'.

Department of Computer Science & Engineering

A seminar was conducted on 'Data Forensics', held on 16th February 2023 through online mode. The Resource person was Ajinkya Lohakare Chief Technology Officer, Founder of Social-Spectra & Ditto Security More than 63 students participated in the event.



Seminar on 'Data Forensics'

A seminar was conducted on 'Cognitive Computing', held on 16th February 2023 through online mode. The Resource person was Dr.R.Rajkumar, AP, SRMIST. More than 25 students participated in the event.



Seminar on 'Cognitive Computing'

A school event 'Today to Tomorrow' for the school students of Ananthavalli Matric Hr Sec School, Urapakkam was conducted on 9th Feb 2023. Around 140 students and 4 staff members participated in the event. A project expo was conducted and our students explained their projects to the School students.



School event 'Today to Tomorrow'

A Staff Development Training Programme was conducted on 'Basics of Python', held on 20th Jan 2023. The SDTP was Coordinated by Ms.G.Sangeetha.,Asst.Prof (Sel.G). 16 Technical staff members participated from CSE, MECH, ECE, EEE, IT, CIVIL and Service Section department benefited from the programme.



SDTP on 'Basics of Python'

A workshop was conducted on the topic 'Computer Vision' on 3rd March 2023. Mr.M.Solai Raj, Front End D App Developer, handled the session and demonstrated real time project. 50 students participated in the event.



Workshop on 'Computer Vision'

A workshop was conducted on the topic 'Cryptocurrencies and Block chain Technologies' on 22nd March 2023. The resource person was Dr.N.Poornima, AP, VIT, Vellore. 40 students participated in the event.



Workshop on 'Cryptocurrencies and Block chain Technologies'

A value added course was conducted on the topic 'Training on ETL operations and Development of Hadoop Framework' in association with the Centre of Excellence for Data Analytics and Machine Learning (CoE-DAML) from 25th March 2023 to 15th April 2023. The main objective of this training programme was to give understanding of ETL tool and Bigdata.



VAC on 'Training on ETL operations and Development of Hadoop Framework'

The Project Expo-2K23, in association with the CSI Student Branch, ISTE and IIC was conducted on 27th March 2023 for the Civil, CSE, ECE, EEE, EIE, IT, MECH students. There were 60 participants. 25 projects were exhibited by these students. In this regard, a committee was constituted to select the best among three projects from each department. The committee members are Dr.H.Krishnan, Vice Principal/Physics, Dr.R.Karthick, Professor/EEE, Dr. L. Devaraj Stephen, HOD/Chemistry, and HOD of respective departments.



The Project Expo-2K23

Coderizz Club organized the workshop on 'Security Awareness' dated 13th March 2023 for the second year and third year students. A total number of 50 participants from CSE students attended the program and were benefitted.



Workshop on 'Security Awareness'

The students of Third year CSE-3 went on a three Industrial Visit to 'Radio Astronomy, Pasteur Institute and Tea factory' Coonor on 23rd in March to 26th March 2023.

The students of second year CSE-3 went on a one-day Industrial Visit to 'Uniq Technologies' Chennai on 24th March 2023.

The students of Third year CSE-2 went on a two day Industrial Visit to 'IROID Technology and Kerala Electrical and Allied Engineering Pvt Ltd' Cochin on 31st March to 01st April 2023.



Industrial Visit to 'IROID Technology and Kerala Electrical and Allied Engineering Pvt Ltd'

The students of second year CSE-2 went on a one day Industrial Visit to 'Uniq Technologies' Chennai on 24th March 2023.

Ms.S.Shanthi-AP participated in a 5-day STTP on 'Advance approaches and insights on Artificial Intelligence and Deep Learning in Health Care' organised by Sri Venkateswara college of Engineering from 27th to 31st March 2023.

Ms.S.Shanthi-AP was the judge in the poster presentation competition for the students in SRM Arts and Science College.

Dr. C. Pabitha, Dr. B.Vanathi, Ms.G.Sangeetha and Ms.S.Suma published a paper on 'Deep Learning Framework for edge detection and classification in SAR images of oil spills using CNN' in Grenze International Journal of Engineering and Technology.

Dr.G.Kumaresan, Dr.K.Devi, Ms.S.Shanthi, Dr.B.Muthusenthil and Dr.A.Samydurai published a paper on 'Hybrid Fuzzy Archimedes- based LightGBM-XGBoost model for distributed task scheduling in Mobile edge computing' in Emerging Telecommunication Technology- WILEY Publication.

Mr.K.Shanmugam, Dr. B.Vanathi and Dr. C. Pabitha published patent on 'Extraction of Tamil inscription for character recognition using Convolution Deep Learning'.

Department of Placement & Career Guidance

During January to March 2023, totally 28 companies were conducted their campus drive. 38 students were selected from the campus drive.

From Mphasis Limited - 7, Deloitte Consulting - 2, Terv - 12, Actalent - 2, Coromandal International Ltd - 1, MST Rebar Services - 6, Prism Johnson Limited - 3, ZOHO - 1, Codeyoung - 1 and SESBL Foundation - 3 students were selected.

Department of Cyber Security

White Hatians Students' Club organized the Cyber Security Expo 2.0 on 17th February, 2023, at the Old Seminar Hall, Admin Block. The Expo consisted of 7 teams explaining about the various social issues, threat attacks, scams, spams etc.,



White Hatians Students' Club organized the Cyber Security Expo 2.0

occurring in the day-to-day life. The first year students of each department visited the Expo and learnt about the Cyber threats that happen in the outside world and gained the knowledge of prevention and control measures of those attacks.

Department of Cyber Security organized a seminar on Information Warfare on 21st February, 2023, at the Old Seminar Hall, Admin Block. The chief guest of the event was Air Marshal M Matheswaran. Students from Cyber security and Artificial intelligence and Data Science department attended the seminar. The seminar included various topics like OODA (Observe, orient, decide, Act) loop, C4ISR(Command, Control, Communication, Computers Intelligence Surveillance and Reconnaissance) and Warfare privacy principles. In addition, the impact on warfare in current society was also explained. This seminar was attended by more than 150 students.



Seminar on Information Warfare

White Hatians Students Club organized “ROOTME (Capture the Flag)” event on 15th March, 2023, at the Old Seminar Hall, Admin Block. The event was felicitated by Sriram Kesavan founder and Director of Secufra labs. In this event 22 teams participated which included 60 students from various colleges. The motive was to enhance the technical skills in the field of Cyber Security.

The Winners were (i) Team BootLoop SIST-Sathyabama Institute of science and Technology - First prize; (ii) Team The Root Cause-PSG College of Technology - Second prize; (iii) Team Digital Defenders -Sathyabama Institute of science and Technology - Third Prize.



“ROOTME (Capture the Flag)” event

White Hatians Students Club organized 'Scramble Quest' event on 12th April, 2023, at the Old Seminar Hall, Admin Block. 55 students from Cyber Security department participated in the event. The participants were given a jumbled picture on TV. Based on the questions given, each participant was instructed to find the correct answer within the stipulated time of 30 minutes. The winners were selected based on the maximum answers given. Furthermore, Scramble Quest enabled the students to enhance their analytical thinking.

The winners of the event are: (i) Mano Subash S (3rd year, CYS) - SRM Valliammai Engineering College;

(ii) Santhosh Kumar.M (3rd year,CYS) - SRM Valliammai Engineering College; (iii) Selva Balachandar.M (3rd year,CYS) - SRM Valliammai Engineering College.



'Scramble Quest' event

FINE ARTS CLUB

Cultural day was organized by the Fine Arts Club Vectorians on 23rd February 2023. The Guest of Honour was Team of “Parunthaaguthu Oorkuruvu” which is an upcoming Tamil movie. The movie is directed by Ko Dhanbalan and will feature Vivek Prasanna, Gayathri Iyer and Aroul D Shankar as lead characters. The Actor Mr.Vivek Prasanna as Alumni of SRM, remembered his cultural days and days at SRM. The Team members remembered their college days and motivated students to aim high and asked them to work persistently so that they can also reach greater heights in their lives. The team rocked the stage with their wonderful performances.

Our College Alumni Upcoming Star Mr. Raja Vetri Prabhu was an added attraction during the occasion with his “Kana Kaanum Kaalangaal” team members. More than 200 students participated and exhibited their talents in a variety of events such as Dancing, Singing, Instrumentals, Martial Arts and Yoga. The day was filled with grandeur and applause.

Department of Electronics and Communication Engineering

The Department of Electronics and Communication Engineering organized an Expert Lecture on 'Machine Learning for Wireless Communication' in association with IETE Students' Forum on 22nd February 2023, for the benefit of students of ECE. The Convener of the event Dr. Komala James, Professor and Head, Department of ECE, delivered the key note address. Mr. C. Saravanakumar, IETE Coordinator, Asst. Professor, Department of ECE explained the benefits of IETE Membership and Activities. The Resource person Mr. G.Mohan Shanker, Project Engineer, Pantech Solutions Chennai delivered the expert lecture on Machine Learning for Wireless Communication. Around 104 students of ECE attended the



Expert Lecture on 'Machine Learning for Wireless Communication'

Expert Lecture. The seminar focused on introduction and importance of Machine Learning in the field of Wireless Communication, by covering the basics of Machine Learning, Overview of supervised, un-supervised, reinforcement learning in detail. The Resource person discussed about the Supervised Learning and its applications in wireless systems, Un-supervised Learning and its applications in wireless systems. He also focused on implementation of machine learning approaches in intelligent wireless communication. Ms.P.Shakthi Prabhadevi of III Year ECE, IETE Student Member delivered the vote of thanks.

The Department of Computer Science and Engineering organized a college level Project Expo 2023 on 27th March 2023 (Monday) for the final year students. In this ECE department panel of members including Dr. S Ramesh, Professor, Dr.G.Udhayakumar, Professor, Dr. V. Suresh Kumar. V, Assistant Professor (S.G) and Mr. A. Pandian, Assistant Professor (Sr.G) selected the top three project batches for the final Project Exhibition. The panel members Dr. Komala James, Professor & Head, Department of ECE, Dr H. Krishnan, Professor & Vice Principal, Dr L Devaraj Stephen, Assistant Professor (S.G) Head, Chemistry and Dr. R. Karthick, Professor, EEE selected the best project from the top three projects based on the criteria such as presentation, individual and team contribution, ability to respond to queries, innovation and implementation of the project. The project titled 'IoT based early prediction of cardiovascular disease using machine learning techniques', presented by Ms. Sneha Basker, Mr.Soorya S, Mr. Srinivasan G and Mr. Yuvaraj S was selected as the best project. The project was done by the students under the supervision of Dr. N. Usha Bhanu, Professor, ECE. The panel members appreciated the efforts of the students in presenting the project effectively and congratulated the winning team.



Project Expo 2023

The Department of Electronics and Communication Engineering conducted a seminar on 'Advances in Optics & Photonics' in association with ISTE, IIC, IETE Students forum and SRM VEC - CSI Student branch for the students to gain knowledge in various advanced techniques of optics and



Seminar on 'Advances in Optics & Photonics'

photonics for wireless communication on 29th March 2023. The speaker, Dr. S. Brindha, Professor-ECE, Sri Sairam Engineering College, Chennai and Chairman, Vehicular Technology Society & Students Activities Committee - IEEE Madras Section, delivered a lecture about the importance of optical & photonic devices and its techniques for 5G & Beyond Wireless Communication. Mrs. K. Arthi, Assistant Professor and Mr. S. Sevagan, Assistant Professor coordinated the event successfully.

Dr. S. Ramesh/ Professor published a paper titled on 'Implementation of High-Q Embedded Band Pass Filter in Wireless Communication' in the Intelligent Automation & Soft Computing Journal in the month of January 2023.

Dr. S. Ramesh/ Professor published a paper titled on 'Fishermen and Fishing Boat Monitoring System Using MIMO Technology and Database Management' in the 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) in the month of January 2023.

Dr. S. Ramesh/ Professor, Mr. J. Charles vinoth/ Assistant professor(O.G) published a paper titled on 'Planar Edged UWB Antenna for Water Quality Measurement' in the Progress In Electromagnetics Research Journal in the month of February 2023.

Dr. S. Ramesh/ Professor, Mr. V. Prasanan / Assistant professor(O.G) published a paper titled on 'Design of C - Slot Based MIMO antenna for safety and non-safety applications of V2V Communication' in the Fifth IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT 2023) in the month of February 2023.

Dr. N. Subhashini / Assistant Professor (Sel.G) published a paper titled on 'Health care model prediction using AdaBoost Classifier algorithm' in the Springer International Conference on Artificial Intelligence, Blockchain, Computing and Security in the month of February 2023.

Dr. N. Subhashini / Assistant Professor (Sel.G), Mr.C.Saravanakumar / Assistant Professor (Sel.G) published a paper titled on 'The Meritorious Effects of Machine Learning Algorithms in Assessment of Power Consumption by Arithmetic Circuits in IC Design' in the 2023 Fifth International Conference on Electrical, Computer and Communication Technologies in the month of February 2023.

Mr. C. Saravanakumar / Assistant Professor (Sel.G) published a paper titled on 'Towards Human - like Robotic Grasping for Industrial Applications using Computer Vision' in the 6th International Conference on Intelligent Sustainable Systems in the month of February 2023.

Dr. S.R. Preethi / Assistant Professor (Sr.G) published a patent titled on 'A Universal Remote for IoT Devices' in the Indian Design Patent in the month of February 2023.

Science and Engineering Research Board sanctioned a fund of Rs. 15,63,236 for the project titled on 'Convergence of Energy Harvesting and Cooperative Communication Networks towards the emergence of the Smart Cities' to Dr.N.Subhashini, Assistant Professor (Sel.G) in the month of March 2023.

Dr. N. Subhashini / Assistant Professor (Sel.G) published a paper titled on 'Healthcare System for Scheduled Medicine Dispensing and Reminder for Elderly People' in the International Conference on Recent Advances in Engineering, Science and Technology in the month of March 2023.

Dr. V. Sureshkumar / Assistant Professor (Sel.G) published a paper titled on 'A novel approach for detection of diabetes

patients using machine learning techniques' in the International Interdisciplinary Humanitarian Conference for Sustainability (IIHC) in the month of March 2023.

Dr. C. Amali / Assistant Professor (Sel.G), Ms.K.Durgadevi / Assistant professor (O.G) published a paper titled on 'Implementation of PFC Bridgeless-Zeta Converter with FOPID using Improved PSO Algorithm' in the 2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS), Coimbatore, India, 2023 in the month of March 2023.

Mr. C. Saravanakumar / Assistant Professor (Sel.G) published a paper titled on 'Analyzing the Occurrence of Stroke using Machine Learning-A comparative Study on Supervised Learning Models' in the 2022 International Conference on Knowledge Engineering and Communication Systems (ICKES) in the month of March 2023.

Mr. C. Saravanakumar / Assistant Professor (Sel.G) defended his Ph.D dissertation on the 'High Speed Area Efficient Modified Fast Fourier Transform Algorithm for Bio Informatics Applications' on 28th March 2023.

Karri Lavanya IV Year student, Chevuru Madhumitha, Mummadi Swetha, Kavali Thanuja III year ECE students, Vuyyala Suchithra, M.Likitha II year ECE student won Third Prize in Anna University Inter Zonal Ball Badminton Tournament organized by PSNA College Of Engineering & Technology, Dindigul, Tamilnadu on 11th Jan 2023.

Karri Lavanya IV Year student, Chevuru Madhumitha, Mummadi Swetha, Kavali Thanuja, K. Jyothi, V. Nelavu III year ECE students, Vuyyala Suchithra, M.Likitha II year ECE student won second prize in the VASPO Inter-Collegiate tournament organized by DG Vaishnav College, on 16th & 17th February 2023.

Gavara Divakar II year ECE student won the prize in the Anna University Zone IV Athletics Meet organized by Sri Sairam Engineering College on 18th February 2023.

N Mohammed Muhaseen, G Rajasekar, R Rajesh and J Sai Abrameyan IV Year ECE Students presented a paper in the International Conference on Innovation Data Communication Application and Technology organized by Graphics Era Hill University, Dehradun from 14th March to 16th March 2023.

Youth Red Cross

Anna University, IRCS TNB, Chengalpattu Kanchipuram District and SSN College of Engineering (SSNCE) YRC unit organized a one-day National Youth Camp on 25/01/2023 (Wednesday). The main objective of this camp is to honour the birth anniversary of Swami Vivekananda and to make aware youth of the country about the ideas and ideals of Swami Vivekananda. The camp was planned and organized under the guidance of Dr. V. E. Annamalai, Principal, SSNCE. The camp was started with hoisting of Red Cross Flag by Selvi. Abhilasha Kaur, IAS, Assistant Collector. The inauguration ceremony started with the floral tribute to Swami Vivekanandha and lighting of kuthuvilakku. Dr.V.Thiyagarajan, YRC Programme Officer, SSNCE delivered the welcome address by highlighting Swamiji's vision and his faith in the youths. Dr. S. Radha, Vice Principal, SSNCE delivered the Principal address. The Chief Guest of the event is Selvi Abhilasha Kaur, IAS, Assistant Collector, Chengalpattu District and the Guest of Honour is Dr. S. Thanigaarasu, YRC Coordinator, Anna University, Chennai. Dr. S. Jeevananthan, District Chairman, IRCS Kanchipuram District, Pulavar R.Manickam, District Secretary, IRCS Chengalpattu District, Mr. R. Mohana Venkatesan, Vice Chairman, IRCS Chengalpattu District were present during the camp.

The events conducted in the camp was: (i) 'Red Cross Movement & History' by Pulavar R. Manickam, District Secretary, IRCS Chengalpattu District; (ii) 'First Aid Training Programme', by Mr.R. Mohana Venkatesan, Vice Chairman, IRCS Chengalpattu District and Valedictory Function & Certificate Distribution. From IT &



ECE department 2 first year students from each department were participated.

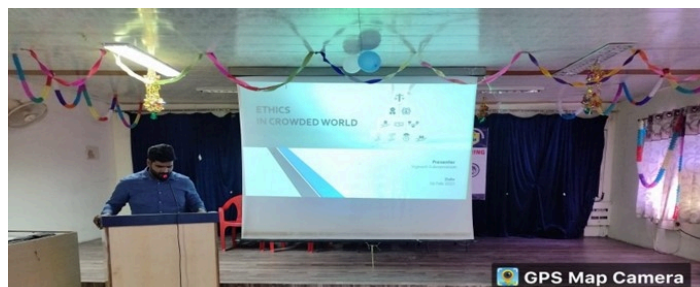
Our college student Mr. Surya R and Krithikaraj R participated in First Aid Demo program and they supported Pulavar R. Manickam, District Secretary, IRCS Chengalpattu District and Mr. R. Mohana Venkatesan, Vice Chairman, IRCS Chengalpattu for delivering the First Aid Demo to the students.

Around 250 participants were present during the camp including the YRC Programme Officers and YRC Student Volunteers from various colleges including SRM Valliammai Engineering College, SSN College of Engineering, Jerusalem College of Engineering, Panimalar Engineering College Chennai City Campus, Sri Sairam Engineering College, Sri Sairam Institute of Technology, St.Joseph College of Engineering, St.Joseph's Institute of Technology, Thangavelu Engineering College and Measi Academy of Architecture. The certificates were distributed to the participants during the valedictory function.

As mentioned in the communication from the Anna University, a TA/DA of Rs. 150.00 may be released from the YRC Corpus Fund maintained by the college, please.

Department of Electrical and Electronics Engineering

The department organized a Guest Lecture on the topic 'Ethics in crowded world' on 6th February 2023. The Resource person was Mr.S.Vignesh Subramanian, Project Manager, Wipro Limited, Chennai.



Guest Lecture on 'Ethics in crowded world'

The department signed an MoU with Powertech Solutions on 9th February 2023.

The department organized the 12th National Level Technical Symposium on 'Emerging Technologies in Electrical and Electronics Engineering (EMERGE 2K23)' on 18th February 2023. The Symposium was organized with the primary objective of bringing together academicians and practitioners in Electrical and other associated fields on a common platform to share their knowledge and expertise to contribute towards research and development in the field. Dr.P.Kanagavel, Director & Head (SDT), National Institute of Wind Energy-Chennai was the chief guest.



National Level Technical Symposium on 'Emerging Technologies in Electrical and Electronics Engineering (EMERGE 2K23)'

Dr.R.Arivalahan, Professor, Mr.S.Balaji, AP(Sr.G) and Ms.R.V.Preetha, AP(Sr.G) published a patent titled 'Blockchain Technology for Undisclosed Distant Messaging using Wireless Sensor networks and Internet of Things' on 17th February 2023.

The department organized a Guest Lecture on the topic 'Renewable Energy: Biomass opportunities key challenges & Solutions' on 30th March 2023. The Resource person was Dr.J.Balamurugan, Assistant Executive Engineer, TNEB / TANGEDCO, Chennai



Guest Lecture on 'Renewable Energy: Biomass opportunities key challenges & Solutions'

The department conducted a National Seminar on the topic 'Recent Trends in E-Vehicles' on 31st March 2023. Dr.K.Vijaya Kumar, Assistant Professor/EEE, IITDM, Kanchipuram had given a presentation on the topic 'E-Mobility Technology, Challenges and Opportunities'. Mr.N.Suresh, Senior Design Engineer, Torus Robotics Pvt. Ltd., Ekkatuthangal gave a presentation on the topic 'Axial Flux Motors for E-Vehicles'. Mr.S.Karthikeyan, Research and Development, NPD in Electric Vehicles, Greendzine Technologies Pvt. Ltd., gave a presentation on the topic 'Ein ESG and the role of EVs'.

Ramajeyam S and Elango.K, Professor & Head published a paper titled 'Optimal allocation using SPSO Technique and size reduction of distributed generated system for active power loss reduction', Journal of Data Acquisition and Processing, Vol. 38(1),2023, SCOPUS journal.

M.Priyanka and Ms.S.Vanila, Professor published a paper titled 'Reactive Power Compensation in IEEE 9 bus system using TCSC' Journal of Data Acquisition and Processing, Vol. 38(1),2023, SCOPUS journal.

G.Sangeetha and Dr.R.Arivalahan, Professor published a paper titled 'Automatic Generation control system for frequency stability on two area network', Journal of Data Acquisition and Processing, Vol. 38(1),2023, SCOPUS journal.

V.Vasanthi and Dr.G.Madhusudanan, Assoc.Prof published a paper titled 'Investigation of Fault analysis in a distributed generation system', Scandinavian Journal of Information Systems, Vol. 35(1), 2023, SCOPUS journal.

M.Chitrakala and Dr.S.Malathi, Assoc.Prof published a paper titled 'STATCOM based voltage stability enhancement of a Wind farm', Scandinavian Journal of Information Systems, Vol. 35(1), 2023, SCOPUS journal.

Dr.R.Arivalahan, Professor, Dr.S.Malathi, Assoc.Prof, Mr.S.Balaji, AP(Sr.G), Ms.P.Bency, AP(Sr.G) Ms.R.V.Preetha, AP(Sr.G), Mr.P.Tamilarasan, AP(O.G), Ms.R.Elavarasi, AP(O.G) and Ms.A.Dhivya AP(O.G) successfully completed a Professional Development Programme on 'Clean and Green Energy Technology' conducted by NITTTR from 2nd to 6th January 2023.

Mr.S.Padhmaabhaiyappan, AP (Sel.G) and Mr.V.Sudhagar, AP(Sr.G) successfully completed a Professional Development Programme on 'Lifelong learning and Innovation Skills' held from 2nd to 6th January 2023.

Mr.S.Balaji, AP(Sr.G), Ms.P.Bency, AP(Sr.G) and Mr.P.Tamilarasan, AP(O.G) successfully completed a Professional Development Programme on 'Computer Integrated Manufacturing' conducted by NITTTR from 9th to 13th January 2023.

Mr.P.Tamilarasan, AP(O.G) successfully completed a Professional Development Programme on 'Special Electrical Machines' conducted by NITTTR from 13th to 17th Feb. 2023.

Ms.S.Vanila, AP(Sel.G) delivered lecture on the topic 'Hardware software Co-simulation: VIVADO flow and ZYNQ 7000 SoC' at one day Skill Development Program on Model Based system design using system generator organized by department of EEE, SRMIST held on 17th February 2023.

Ms.R.Elavarai, AP(O.G) and Ms.A.Dhivya, AP(O.G) participated and successfully completed the Science and Engineering Research Board (SERB) Core Research Grant sponsored six day workshop on Emerging Trends, Challenges and Opportunities in Wireless Charging of Electric Vehicles organized by Electric Vehicle Charging Research Centre, Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Kattankulathur from 20th to 25th February 2023.

Ms.S.Vanila, AP(Sel.G) attended a five-day online workshop on 'Recent trends in Electric Vehicle Technology and Research Opportunities' from 27th February to 3rd March 2023 organized by department of Electrical and Electronics Engineering, Sri Sivasubramaniya Nadar College of Engineering.

Ms.S.Vanila, AP(Sel.G) attended a five-day Faculty Development Programme on 'Machine learning using Python' from 13th to 17th March 2023 conducted by department of Computer Applications, Hindusthan College of Engineering and Technology.

Ms.S.Vanila, AP(Sel.G) presented the paper title 'Similarity Measure based 16X16 MB mode decision in H.264 Intra prediction', International Conference on Signal Processing and Networking March Wireless 29-31,2023,Department of Electronics and Communication Engineering, SSN College of Engineering.

Computer Society of India

Computer Society of India Student Branch organized the 'Cryptanalysis' event. In this event more than 100 students registered and more than 65 students participated. The event was conducted on 14th February 2023. The event had two rounds. The first round consisted of technical and non-technical questions. One has to answer the question within the stipulated time and bonus points will be credited for a correct answer and negative points for wrong answer. Based on this points scored by participants were shortlisted for the second round. The second round consisted of technical questions based on the image shown.

The Winners of the event are (i) Aafrin Nisha A (CYS-3rd year) - SRM Valliammai Engineering College; (ii) Sanga Rishi Naath SK (ECE-1st year) - SRM Valliammai Engineering College and (iii) Aadithya Arunachalam A (AI/DS -1st year) - SRM Valliammai Engineering College.



Computer Society of India Student Branch organized the 'CSI Day Celebration' event on 6th March 2023. All the office bearers of SRM VEC CSI-Student Branch and CSI Volunteers attended the celebration. The CSI Kancheepuram Chapter Chairman and the Principal of SRMVEC Dr.M. Murugan, Hon Secretary of CSI Kancheepuram Chapter, Dr.S.K.Saravanan and the CSI Coordinator Dr.M.Senthil Kumar shared their views with the office bearers and volunteers. Five SRM VEC CSI Student Branch alumni were invited as resource persons, and they gave their insights and shared their memories with the SRM VEC CSI-Student Branch. They were awarded with a memento. The event was interactive and knowledge gaining.



'MINI PROJECT EXPO' was organized on 06th March 2023. In this event, 29 teams participated which include 15 teams from SRM Valliammai Engineering College, 7 teams from St Joseph's College of engineering and St Joseph's Institute of Science and Technology, 1 team from Rajalakshmi Engineering College and 6 teams from DMI College of Engineering. Projects were based on domains related to Computer Science and Engineering. SRM VEC CSI Student

Branch alumni were invited as judges and winners were selected based on the scores of the judges. The winners were awarded with cash prizes.

The Winners of the event are (i) Team Cyber Paradox - St Joseph's Institute of Technology - First Place, (ii) Team MPS SRM Valliammai Engineering College Second Place, (iii) Team Electroblickzzz St Joseph's College of Engineering Third Place (Shared) and (iv) Team Ultron SRM Valliammai Engineering College Third Place (Shared).



'4th CSI State Level Student Convention - 2k23' was organized on 17th March 2023 at SRM Valliammai Engineering College. More than 150 participants from various colleges around the state participated in this event. Dr.J.Frank Vijay, Vice-Chairman, CSI - KPM presided the event and gave us a glimpse about the CSI-KPM Chapter. Eight events were organized - Pitch-O-Ference, FrameFriction, Saunter-Scate, Clue-Minati, Trivi-O-Night, Auctiverse 2.0, Paperiza and Twist N Twist. About 125 participants from various colleges attended this event.



An event by name "CRANK-UP" was organized. In this event, more than 120 students from various departments registered and 86 students participated. The event was conducted on 29th March 2023, at the Old Seminar Hall. This event comprised of two rounds, where the first and second rounds were technical and non-technical. The first round was 'Decode It', in which ten questions are provided to the participants in an encrypted form. The participants were allowed to decrypt the questions using decrypting tools. Based on the top scores, 23 participants were selected for the next round. The second round was 'Scavenger Hunt', in which two similar images are displayed on the TV. The participants were allowed to spot the differences and write those differences in the provided answer sheet. Based on the top 3 scores, the winners were selected.

The winners of the event are (i) Shakthi Prabha Devi P (ECE-3rd year) - SRM Valliammai Engineering College; (ii) Syed Ahmed Pasha I (ECE-3rd year) - SRM Valliammai Engineering College.

Swarna Krishna R (CYS-3rd year) & Mohana Meena G (CYS-2nd year) - SRM Valliammai Engineering College.

Department of Electronics and Instrumentation Engineering

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

Faculty members from EIE, ECE and Medical Electronics visited India Meteorological Department-Regional Meteorological Centre located at Chennai on 3rd Feb. 2023.



Faculty visited India Meteorological Department-Regional Meteorological Centre

A Guest Lecture on 'Business Plan' was delivered by Mr.Nathan Kannan, Director & Adjunct Consultant, Alionova Consulting India Pvt. Ltd, Chennai on 7th February 2023 for the benefit of the students



Guest Lecture on 'Business Plan'

A Workshop on 'Teachers Enrichment Programme' was organized by Dr. R. Umamaheswari, AP/EIE and Mr.K.R.Ganesh, AP/EIE on 17th February 2023 for the benefit of the High School teachers.



Workshop on 'Teachers Enrichment Programme'

A Seminar on 'Industrial Control System' was organized by Mr. E. Arun Kumar, Vice President, Retech Solutions Pvt. Ltd., Chennai on 17th February 2023 for the benefit of the students.



Seminar on 'Industrial Control System'



Workshop on 'Industrial Automation'

A Workshop on 'Industrial Automation' was delivered by Mr.S.Pandian, Kathir Sudhir Automation India Pvt Ltd, Chennai on 23rd March 2023 for the benefit of the students.



Students visited Traco Cables Ltd, located at Cochin and Hykon India Pvt Ltd, Ernakulam

The Third Year and Final year U.G students of the Dept. of EIE visited Traco Cables Ltd, located at Cochin and Hykon India Pvt Ltd, located at Ernakulam, Kerala from 17th March 2023 and 18th March 2023.

The Second Year U.G students of the Dept. of EIE visited Pilot Balloon Observatory IMD RMC, Chennai on 30th March 2023.

Amhrutha Vahini. R II year student won the third prize in Athletics - 10km Running and winner in Athletics - 5km on 18th February 2023 at Sri Sairam Engineering College Chennai.

B.V. Asswanth III year and Srinivasan A.T II year student were runners in the Badminton tournament on 17th February 2023 at VIT Vellore and 20th February 2023 at VIT Chennai..

Kathir A II year student was runner in Tennis on 25th February 2023 at VIT, Chennai.

பாரிவேந்தர் மானவர் தமிழ் மன்றம்

S.Kavya, a first-year student of Computer Science and Engineering, participated in the Kaviarangam event held by Vallalar Muthamippheravai (வள்ளலார் முத்தமிழ்ப்பேரவை) on 1st Jan 2023. She received the Seer migu Senkavi award (சீர்மிகு செங்கவி விருது) for her exemplary poetic skills. Mr.K.Shanmugam,AP/CSE, was honoured with the Seer migu Senkavi award (சீர்மிகு செங்கவி விருது) for his excellent poetry writing.

Dr.B.Chidhambhararajan, Director/SRM VEC and Mr.K.Shanmugam,AP/CSE have Written a Tamil Technical book titled Ellam inaya Mayam (எல்லாம் இணைய மயம்). This book was awarded the Best Tamil Technical book award in the name of Manavai Musthafa award (சிறந்த மணவை முஸ்தபா அறிவியல் தொழில் நுட்ப நூல் விருது) and received Rs.10,000/- cash prize from Muthalmozhi (முதல்மொழி அமைப்பு).



Best Tamil Technical book award in the name of Manavai Musthafa award

Paarivendar Manavar Tamil Mandram First year students participated in the Tamil Sangamam event at the YMCA ground on 8th Jan 2023 and the Students celebrated pongal festival on this occasion.

MR. K.Shanmugam, AP/CSE, participated and won in the speech competition titled 'Valluvamamani Awards-2023' (வள்ளுவமாமணி விருது) on 29th Jan 2023 He was appreciated for the best speech in both two rounds and was selected for the award organized by Vagai Tamil Association on the occasion of Tiruvalluvar Day.

Mr. K.Shanmugam, AP/CSE, participated in the Speech competition organized by Poverty2 Prosperity foundation and won the First Prize and got Rs.500 cash award and appreciation certificate.

Mr. K.Shanmugam, AP(Sr.G)/CSE, acted as a Chief Guest of the Kanith Tamil Peravai, Inauguration on 06th Feb 2023 organized by SRM Institute of arts and Science college.

Mr. K.Shanmugam, AP(Sr.G)/CSE, acted as a Chief Guest of the Kanith Tamil Peravai, Inauguration function on 08th Feb 2023 organized by Vidhya Sagar College for Women, Chengalpattu.



Chief Guest of the Kanith Tamil Peravai, Inauguration function

SRM Valliammai Engineering College conducted Non-stop 24-hour Live Stage Drama on the eve of World Mother language day on 11th Feb 2023 and 12th Feb 2023. The drama is based on the theme of Society Empowerment in Tamil Language. On the eve of World Mother Language Day, an attempt for Non-stop 24-hour



New World Record Non-stop 24-hour Live Stage Drama

live stage drama was successfully performed by students of SRM Valliammai Engineering College students and Paarivendhar Maanavar Tamil Mandram, Kattankulathur, Chengalpattu, Tamil Nadu. 18 students created a new World Record in performing non-stop 24-hour live stage drama on the topic of Society Empowerment in Tamil language. In the drama titled 'Earthworm', the story flashing back on the root cause of social problems. The drama was performed by Mr K. Shanmugam (Asst. Professor), Ms. Harini Preetha, Mr. Sethumadavan, Ms Anithavarshini, Mr Lokesh Thirumalai. Mr. M. Pandi Selvam, Mr Muhesh.N of Paarivendhar Maanavar Tamil Mandram, SRM Valliammai Engineering college and Ms. K.Dhanalakshmi, Mr. Prasanth, Mr.Rajagopalan.B, Ms. Sivasakthi R, Rajagopalan B., Mr. Chandru G., Mr.Kiran raj. J, Mr. Sakthiraj. G., Mr.R. Balayogesh, Mr Eneeyan N., Ms.Shamini. M., of Thamizh Senai Muthamizh Sangamam Trust. They have performed a great Himalayan feat by carrying out a theatrical event on the topic of Earthworm, incorporating various social concepts. This event was organized by SRM Valliammai Engineering College Paarivendhar Maanavar and Tamil Mandram and Thamizh Senai Mutualise Sangamam Trust. The achievement is recognized and registered in Kalam' World Records. Dr.Murugan, Principal, SRM Valliammai Engineering College and MrG.Sankar Babu, Founder, Thamizh Senai Muthamizh Sangamam Trust received the World Record certification from kalam book of records.

Vectorians team of SRM Valliammai Engineering College won First Prize in the Dance Competition. Two Prizes for SRM Valliammai Engineering College in dance competition. 5 teams participated in the finals on behalf of Inter colleges in the grand Dance Competition and Singing Competition held this 21st Feb 2023 evening in the name of Lemuria-2023 on the occasion of World Mother Language Day by our SRM Tamil Perayam and Parivendar Students Tamil Association at Infront of the SRM Tech Park. We are very happy to announce that our college Victorians team has won the first prize and got awarded Rs 5000/- as Cash Award. Also, we are happy to announce that the consolation prize was awarded to Tamil Pasanga team participated by SRM Valliammai Engineering College- Computer Science Engineering students. We are happy to announce that they have been awarded a prize of Rs.1000/-.



Dance Competition Prize Winners

The Paarivendar Students Tamil association of our college, the third year CSE students of the Tamil mandram namely J.Keerthi Vasan, T.Narayana moorthy, T.Raghul ragav and J.Raja sundari participated in 'Nearukku Ner' in vendar TV on 12th Feb 2023.

Conted...

Workshop on writing and speech skills in Tamil was conducted by Paarivendhar Students Tamil Association on 09th March 2023. Dr.Vimala Annadurai, Professor & Head, Tamil department, Chellammal College for Women acted as the Chief guest for the occasion.



Workshop on writing and speech skills in Tamil

Mr. K.Shanmugam, AP(Sr.G)/CSE delivered a special address about the Writing science, Technology and Engineering Concepts in Tamil on 17th March 2023 organized by MIT, Anna University, Chennai.



Special address on Writing science, Technology and Engineering Concepts in Tamil

Mr. K.Shanmugam, AP(Sr.G)/CSE attended a Six days FDP Programme on Tamil in Technology on 20th March 2023 to 25th March 2023 organized by Centre for Development of Tamil in Engineering and Technology, Anna University, Chennai.

R.Sharulatha, IInd year/CSE, won the first prize in Tamil speech competition organized by Higher Education Department, TN Govt on 31st March 2023.



First prize in Tamil speech competition

Mr. K.Shanmugam, AP(Sr.G)/CSE, participated in the Guest Interview organized by The News Lite Youtube channel on 10th March 2023.

The Paarivendar Students Tamil association of our college, the First year 5 students of the Tamil mandram such as Vishwa Krish, Sivacharan, Thennarasu, Yohith and Baranitharan participated in 'Nearukku Ner' in Vendar TV on 15th Feb 2023.

Mr. K.Shanmugam, AP (Sr.G)/CSE delivered a special address about the Writing science, Technology and Engineering Concepts in Tamil on 3rd March 2023 organized by Centre for Development of Tamil in Engineering and Technology, Anna University, Chennai.

Department of Information Technology

The Faculty Development Programme on 'Data Processing and Analysis using Python Programming' during 02nd January 2023 to 06th January 2023 was organized by the coordinator Dr.D.Sridevi, A.P(Sr.G).



FDP on 'Data Processing and Analysis using Python Programming'

An Industrial Visit to Image Creative Education Pvt Ltd, T.Nager, Chennai was organized for the IV Year IT 2 students on 9th February 2023 by the class advisor Ms.U.Chindhiyababy, A.P(O.G).



Industrial Visit to Image Creative Education Pvt Ltd, T.Nager, Chennai

An Industrial Visit to Retech Solutions Pvt Ltd, Tambaram, Chennai was organized for the II Year IT 1 students on 17th February 2023 by the class advisor Dr.S.Sekar, A.P (Sel.G).



Industrial Visit to Retech Solutions Pvt Ltd, Tambaram

The Guest Lecture on 'Next Generation Wireless Communication' on 17th February 2023 was organized for the Third Year IT Students by the coordinators Dr.A.R.Revathi, Professor and Ms.A.Shimona Shali, AP(O.G)



Guest Lecture on 'Next Generation Wireless Communication'

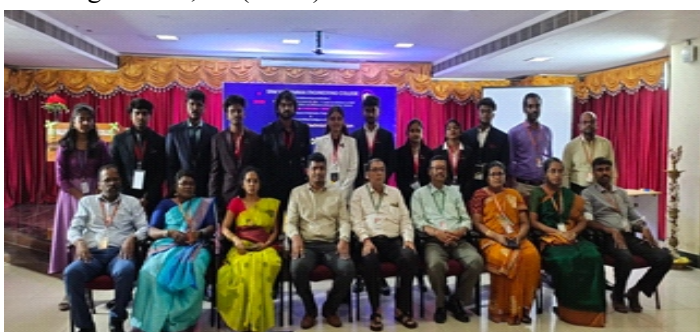
The School Programme on 'Techknowledge 2023 Motivational Talk' was organized in Padma Sarangapani Matric

Higher Secondary School by the Department of Information Technology on 2nd February 2023 by the coordinator Ms.S.Shenbagavadivu,A.P(Sel.G).



School Programme on 'Techknowledge 2023 Motivational Talk'

The National Level Technical Symposium 'XploITs2023' was organized on 25th February 2023 by the coordinator Ms.S. Shenbagavadivu,A.P(Sel.G).



National Level Technical Symposium 'XploITs2023'

An Industrial Visit to the Centre for Entrepreneurship Development, Anna University, Chennai was organized for the III Year IT 1 students on 02nd March 2023 by the class advisor Mr.S.Ashok Kumar, A.P (O.G).



Industrial Visit to the Centre for Entrepreneurship Development, Anna University

An Industrial Visit to Image Creative Education Pvt Ltd,T.Nager, Chennai was organized for the IV Year IT 1 students on 10th March 2023 by the class advisor Ms.S.Sandhya, A.P (Sr.G).



Industrial Visit to Image Creative Education Pvt Ltd,T.Nager, Chennai

The Seminar on 'Advanced Databases' on 28th March 2023 was organized for the Second Year IT students by the coordinator Dr.D.Sridevi, A.P (Sr.G).



Seminar on 'Advanced Databases'

Dr.S.Sekar,A.P(Sel.G) presented a paper titled 'Secure Data Storage using erasure in a Cloud Environment' on 23rd March 2023 in the 8th National Conference on Recent Trends in ABCD (ICON'23), organized by the Dept. of Information Technology, Dr.M.G.R. Educational and Research Institute, Chennai.

Ms.S.Shenbagavadivu,A.P(Sel.G) presented a paper titled 'An Investigation on Developing an Internet of Things Based Model for Agricultural Soil Prediction' on 24th March 2023 in the International Conference on Next-Gen Technologies in Computational Intelligence [NGTCI-2023], VELs Institute of Science, Technology and Advanced Studies, Chennai.

Dr.D.Sridevi,A.P(Sr.G) presented a paper titled 'Multi-level Secure Transaction Using Facial Authentication on a Mobile Banking Application' on 17th March 2023 in the International Conference on Recent Trends in Computing and Communication Engineering, Department of Wireless Communication, SIMATS Engineering, Chennai.

Ms.S.Sandhya, A.P (Sr.G) presented a paper titled 'A Hybrid Model for Guided Filtering Based Edge Preservation of Fused Multi-modal Medical Images', 'A Comprehensive Analysis of GAN-Based Techniques for Medical Image Synthesis' and 'Exploring the Role of Deep Learning in Medical-Imaging: A Comprehensive Overview' on 24th March 2023 in the International Conference on Next-Gen Technologies in Computational Intelligence [NGTCI-2023], VELs Institute of Science, Technology and Advanced Studies, Chennai.

Dr.S.Narayanan,Associate Professor & Head published a paper titled 'Multilayer vectorization to develop a deeper image feature learning model' in Journal for Control, Measurement, Electronics, Computing and Communications, Automatika, Volume 64, Issue 2 (2023),

Mr.M.Asan Nainar,A.P(Sel.G) published a paper titled 'Blockchain-Based Decentralized E-commerce Using Ethereum and Smart Contracts' in International Journal of Innovative Science and Research Technology, Volume 8, Issue 3, Pages 721 725

Dr.D.Sridevi,A.P(Sr.G) published a paper titled 'Prediction of Heart disease using Machine Learning Techniques' in International Journal of Scientific Research in Engineering and Technology, Volume 7, Issue 3

Ms.U.ChindiyaBaby,A.P(O.G) published a paper titled 'Educational Resource Planning as SAAS in Cloud Application' in International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 07 Issue: 03

Mr.S.Ashok Kumar, A.P(O.G) published a paper titled 'Online Smart Voting System using Face Recognition' in International Journal of Innovative Science and Research Technology, Volume 8, Issue 3, Pages 1129 1133.

Dr.A.R.Revathi, Professor, delivered a lecture on the topic of 'Evolution of Data Science', on 2nd January 2023, and Ms.S.Shenbagavadivu,A.P(Sel.G), Department of IT, delivered a lecture on the topic 'Frequent Item set Mining and Regression using data set' and 'Apriori algorithm, Market Basket_Optimisation on 2nd January 2023 and Churn_Modelling dataset' on 03rd January 2023, in the Faculty Development Programme 'Data Processing and Analysis using Python Programming' organized by the Department of Information Technology.

Ms.S.Shenbagavadivu,A.P(Sel.G), Department of IT, delivered a lecture on the topic 'PYTHON: An Application Perspective' on 31st January 2023 in the National Level Seminar organized by the Computer Society of India-Kancheepuram Chapter.

Mr.S.Ashok Kumar, A.P(O.G), was secured topper in 'Database Management System' in NPTEL Online examination held in March 2023.

Ms.Supraja.G, Mr.Suresh.R, Ms.Suwaasha.M and Ms.Sricharumithaa.M, III Year IT2 participated in the event 'Auction Arena' organized by Panimalar Engineering College on 14th March 2023 and won the second prize of cash Rs.1000.

Ms.Subhalakshmi.V, III Year IT2 participated in the official World Record Attempt in Kalam's World Record for creating a logo of yellow bag awareness to avoid plastic bags held at Tanjavur on 03rd March 2023 and won a medal and a shield.

Mr.Sridharan J, IV Year IT2 published a paper titled 'Prediction of Heart disease using Machine Learning



World Record Attempt in Kalam's World Record

Techniques' in International Journal of Scientific Research in Engineering and Technology, Volume 7, Issue 3

Ms.Harini.C, Ms.Harini Sagunthala.D, Ms.Elakkiya.M and Ms.Charulata.M, IV Year IT1 presented a paper entitled 'Smart Accident Detection using IoT' on 24th March 2023 in the International Conference on Next-Gen Technologies in Computational Intelligence [NGTCI-2023], VELS Institute of Science, Technology and Advanced Studies, Chennai.

Mr.Elamaran M, Mr.Lakshmidharan,Mr.Arun Kumar and Mr.Bharath Raja, IV Year IT1 presented a paper entitled 'Car Unlocking System using Face Regonisation' on 24th March 2023 in the International Conference on Next-Gen Technologies in Computational Intelligence [NGTCI-2023], VELS Institute of Science, Technology and Advanced Studies, Chennai.

Ms.Subhalakshmi.V, III Year IT 2, Mr.Deeraj.R, III Year IT 1, Rahul Raj.K, Roshan.R Naveen Kumar.G, Vignesh.V and Sanjay Kumar.R, II Year IT 2 participated in the 'Lemuria' organized by SRM University and won first prize of cash Rs.5000.

Ms.Soundari. M. Mr. K,Vijayalakshmi. G,Ms.Varalakshmi B and Ms.Srija. M. P, IV Year IT2 presented a paper entitled



Won first prize of cash Rs.5000 in the 'Lemuria'

'Real Time Food Management System to Mitigate Hunger in Society' on 17th March 2023 in ICRTCEE, Saveetha Engineering College, Technology and Advanced Studies, Chennai.

Mr.Suresh.M, IV Year IT1 presented a paper entitled 'IoT based Smart Electricity Monitoring System for Home Appliances' on 24th March 2023 in the International Conference on 'Next-Gen Technologies in Computational Intelligence' [NGTCI-2023], VELS Institute of Science, Technology and Advanced Studies, Chennai.

Mr.T.K.Santhoshkumar,Mr.Vikaram.M and Mr.Vishnu.G, IV Year IT 2 presented a paper entitled 'Crime and Criminal Detection through Video Surveillance using Machine Learning Techniques' on 17th March 2023 in the International Conference on 'Recent Trends in Computing and Communication Engineering' organized by Department of Wireless Communication, SIMATS Engineering,Chennai.

Mr.R.Ashwin from II Year M.Tech Data Science presented a paper titled 'Multi-Level Secure Transaction Using Facial Authentication on a Mobile Banking Application' on 17th March 2023 in the International Conference on Recent Trends in Computing and Communication Engineering organized by Department of Wireless Communication, SIMATS Engineering, Chennai.

Mr.J.Guruswaminathan, II Year M.Tech Data Science presented a paper entitled 'Trust Based AOMDV Protocol Multipath Routing in Mobile Adhoc Networks' on 17th March 2023 in the International Conference on Recent Trends in Computing and Communication Engineering organized by Department of Wireless Communication, SIMATS Engineering, Chennai.

Mr.M.Paranthaman, II Year M.Tech Data Science presented a paper entitled 'Deep Analysis and Monitoring of Air Quality using Internet of Things under SDG 3.9'on 17th March 2023 in the International Conference on Recent Trends in Computing and Communication Engineering organized by Department of Wireless Communication, SIMATS Engineering, Chennai.

Mr.K.T.Nivas Kumar, II Year M.Tech Data Science presented a paper entitled 'Climate Change Prediction using time series' on 17th March 2023 in the International Conference on Recent Trends in Computing and Communication Engineering organized by Department of Wireless Communication, SIMATS Engineering, Chennai.

6 Online/offline (FDP/STTP/Workshop/Training Program), 1 Seminar/Webinar/ Guest Lecture/ Quiz/Others & 7 NPTEL/Udemy/Online Certificate Courses were attended by our Staff Members.

Physical Education

SRM VEC won the Bronze Medal in Anna University Inter Zonal Ball Badminton Women Tournament held at PSNA College of Engineering & Technology, Dindigul from 9th to 10th January 2023.

Mr.K.Srinadh, III-EEE, won the First Prize and received 'Best Player Award' AP State Level Open Men's Doubles Badminton Tournament held at Prakasam District, AP on 12th January 2023.

Mr.G.Shivaprasad & Mr.MD.Afroz Ali, III-Mech, won the First Prize in Telangana Youth Festival Cup Basketball Men Tournament organized by Telangana Police Department on 12th January 2023.

Mr.K.Vasanthakumar III-Mech represented Anna University team and won the Fourth Place in All India Inter University Ball Badminton Men Championship 2022-23 organized by Mangalore University from 13th to 16th January 2023.

Ms.M.Swetha III-ECE represented Anna University team and won the Fourth Place in All India Inter University Ball Badminton Women Championship 2022-23 organized by B.S.A.R. Crescent Institute of Science & Tech. Chennai, from 27th to 30th January 2023.

SRM VEC Teaching faculty Dr.N.Ganapathy, DPE and Dr.K.Thirupathi, AP (Sel.G), Physics, secured the Third Place in the State Level Inter Collegiate Teaching Staff Badminton Men's Doubles Tournament organized by Madras Christian College on 28th January 2023.

Mr.P.Arun Kumar, I-ME ISE, won the Silver Medal in the Anna University Inter Zonal (State Level) Best Physique Tournament 2022-23, held at Paavai Engineering College on 29th January 2023.

SRM VEC won the Silver Medal in the Anna University Zone-IV Cricket Men Tournament organized by Dhanalakshmi College of Engineering, from 31st January to 3rd February 2023.

Ms.V.Nelavu, II-ECE and Ms.Sandra Grace, II-EIE won the Fourth place in National level invitation inter collegiate Basketball Women Tournament held at Namakkal from 4th to 5th Feb. 2023.



Dr.N.Ganapathy, DPE published a research article 'Comparative study of selected physical fitness components between team players and individual players of college level men students' in the International Journal on 5th February 2023.

Department of Physical Education successfully organized the College Day 2022-23 Students Sports Events from 13th to 17th February 2023.

SRM VEC Badminton Men team secured Silver Medal in the National Level Inter Collegiate Badminton Men Tournament in 'Rivera 2023' organized by VIT, Vellore on 17th February 2023.

SRM VEC Women Ball Badminton team won the Silver Medal in the State Level Inter Collegiate Ball Badminton Women tournament 'VASPO-2023' organized by M.O.P. Vaishav College for Women on 17th February 2023.

SRM VEC Men and Women Athletics team won the Anna University Zone-IV Athletics Overall Championship 2022-23 Second position with 9 Gold, 13 Silver and 1 Bronze Medals organized by Sri Sairam Engineering College on 18th February 2023.

SRM VEC Badminton Men team won the Silver Medal in the National Level Inter Collegiate Tennis Men Tournament in 'VIBRANCE 2023' organized by VIT, Chennai between 20th and 22nd February 2023.

SRM VEC Tennis Men team won the Silver Medal in the National Level Inter Collegiate Tennis Men Tournament in 'VIBRANCE 2023' organized by VIT, Chennai on 25th February 2023.

Mr.B.V.Asswanth, III-EIE, won the Third place in the TN CM Trophy Chengalpattu District Badminton Men Tournament 2023, organized by Sathyabama University, Chennai from 27th to 28th February 2023.

SRM VEC Badminton Men team won the Silver Medal in the State Level Inter Collegiate Badminton Men Tournament in '9th LICET Tournament 2023' organized by Loyolo - ICAM, Chennai from 13th to 17th March 2023.

SRM VEC Football Men team won the Silver Medal in YANTRA 2K23 Futsal Tournament organized by Meenakshi Sundararajan Engineering College, Chennai on 24th March 2023.

Department of Mechanical Engineering

SAE ISS Exposure Lecture was conducted on 31st March 2023 for II and III year Mechanical Engineering students. The lecture was delivered by Dr.P.Baskara Sethupathi, Professor and Chairman SAEISS MWC Division, SRM Institute of Science and Technology, Chennai. He explained the following activities: SUPRA SAEINDIA, BAJA SAEINDIA, AERCON, AEROTHON, Mobility Engineering, Knowledge Round Table Competition. He highlighted the various benefits of participating in the above events by becoming a member of SAE ISS.



SAE ISS Exposure Lecture

A Guest Lecture was arranged on 'Cryorolling of Aluminium Alloys' on 23rd March 2023 for II and III year Mechanical Engineering students. The resource person Mr.K.Suresh Babu, Deputy General Manager, Madras Engineering Industries Pvt Ltd, Sriperumbudur 602 105 delivered his lecture on the following topics: Introduction to Aluminum alloys, Aluminum Grades, Applications of Aluminum alloys in industries and Cryorolling of Aluminium alloys. A total of 120 students participated.



Guest Lecture on 'Cryorolling of Aluminium Alloys'

A National Safety Week programme was conducted from 6th March 2023 to 10th March 2023. As a part of this programme a Guest lecture was delivered by Mr M.Yuvaraj, Head Safety, Lucas TVS on 6th March 2023 on the real time industrial accidents and incidents. He also spoke about the safety aspects considered in industries. On 7th March 2023, the National Safety Council Awareness oath was administered by all the students. Safety Awareness Campaign was conducted on 8th March 2023 by the volunteers. They displayed the placards on various important safety aspects related to Helmet, Seat-Belt, LPG, Road, Food. Slogan and Poster Making Contest as per National Council Communication was conducted on 9th March 2023. Fire Safety Lecture was delivered on 10th March 2023 by M.Chandrababu, SRM Senior Safety Officer, Department of Fire Safety Engineering, SRM Institute of Science and Technology, Chennai. A practical fire safety Demo was also conducted.



National Safety Week - Guest Lecture

An Industrial Visit was arranged on 22nd March 2023 for III year Section-2 Mechanical Engineering students to 'Balaji Tribo Lubricants' Pappanchathiram, Thiruvallur 600123. The main objective of this visit was to make students aware about how various activities related to heat transfer and energy management system activities are carried out in a company and which gives industrial exposure on heat transfer activities.



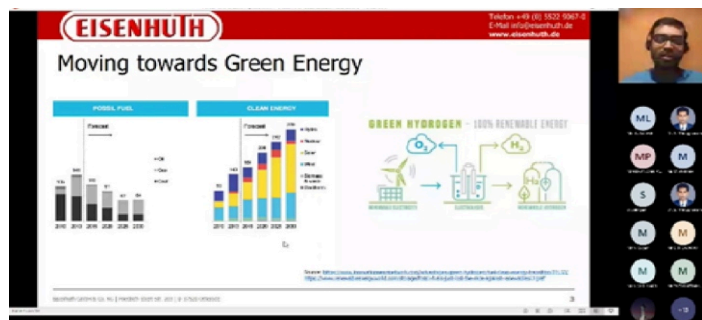
Industrial Visit to 'Balaji Tribo Lubricants' Pappanchathiram, Thiruvallur

A Guest Lecture was conducted on 'Industry Trend for Careers' on 20th February 2023. The resource person Mr.S.T.Suresh Babu, Head of Quality Center of Excellence, GSS America InfoTech Pvt Ltd., Hyderabad delivered the lecture on the following topics: Learning is the key for the development of career growth, Technology growth increases but adaptability is the need of the hour, Future technologies which CEOs wish to add and gave few tips to the freshers, who want to work in industries.



Guest Lecture on 'Industry Trend for Careers'

An online Guest lecture was conducted on 'Fuel Cell Bipolar Plate Component Manufacturing' on 18th February 2023. The resource person Mr.Prasad Venkatesan, Project Manager, Eisenhuth GmbH & Co. KG, Department of Fuel Cell, Osterode, Germany delivered the lecture on the following topics: Moving towards green energy, Fuel Cell, Types of fuel cell, Types of the bipolar plate, Bipolar plate production method, Quality control test and Requirement for seals in fuel cells.



Online Guest Lecture on 'Fuel Cell Bipolar Plate Component Manufacturing'

A workshop was organized on 'Non-Destructive Testing' on 15th Feb. 2023 for III year Mechanical Engineering students. Mr. S. Sivaperumal, B.E., Managing Director, Shri Sai Non-Destructive Testing, Puducherry and the technical team with 4 trainers explained the working principle, application and importance of NDT in the Industry. After the presentation students had a hands-on training session too. The trainers demonstrated the inspection process and performed the following NDT methods on the specimens: Liquid Penetrant Test Magnetic Particle Test, Ultrasonic Test and Radiography Test.



Workshop on 'Non-Destructive Testing'

A Motivational Talks on 'One step closer towards student's goal (Gate Exam Awareness Programme)' was conducted on 15th February 2023 Mechanical Engineering students. The resource person Mr. M.Vinothkumar Founder, Endurance Engineering Academy, Chennai, delivered the expert talk on the following topics: GATE opportunities in Mechanical Engineering Field, How to apply for government jobs through the GATE exam score, How to start Ph.D. and GATE stipend for Masters programme in IITs, NIT'S and IISc, Direct PhD in IISc, IITs, PSU's Job through Gate score, How to a get a good score in GATE examination and to prepare for GATE examination.



Motivational Talks on 'One step closer towards student's goal (Gate Exam Awareness Programme)'

The 'Awareness Programme on Technical Education' for the Government Boys Higher Secondary School, Dasur, Mazhaiyur, was successfully conducted on 2nd February 2023.

The keynote address was given by Dr. S. Thirugnanam, Professor and Head, of the Department of Mechanical Engineering. He spoke about the opportunities for engineers in the private and public sectors, as well as how important young engineers are to India as a whole. He also talked about SRM Valliammai Engineering College's facilities and various student accomplishments.

A guest lecture on 'Academic Project An Overview' on 01st February 2023, for the benefit of III-year students. The resource person Mr. Sriram Thiyagarajan, Product Head, SECUDE Solutions Pvt Ltd, Chennai delivered the lecture on the following topics: Current scenario of Industry, Goal or Objective of project, Project phases, Outcome or benefits and Real time case studies.



Guest Lecture on 'Academic Project An Overview'

Mr.S.Sivalingam, Mr.G.Kumaresan, Mr.P.Ganesh and Mr.M.Thirumal Azhagan published a paper on 'Superplastic Formability and Cavitation Analysis of Aa7075 Matrix Composite Reinforced with B4c Particles Produced By Stir Casting, International journal of Metal Casting, American Foundry Society, <https://doi.org/10.1007/s40962-022-00932-4>.

Ms.N.Nithya and Dr.S.Thirugnanam, Professor presented a paper on 'Behavioural Study of Eco-Friendly MR Fluid During Machining of Metal Matrix Composites' in the International conference on Processing and Performance of Materials held at SSN College of Engineering, Kalavakkam, Chennai on 2nd March 2023.

Mr.P.Ramu, Mr.S.Rajesh, Mr.S.Sivalingam, published a paper titled 'Modal analysis of Al-Si-C alloy bush using A N S Y S' Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2023.03.413>, 2214-7853.

Mr.K.Venkatesan presented a paper on 'Fundamental study on influence of independent factors on Response variable using RSM and Taguchi Method' in the International conference on Processing and Performance of Materials held at SSN College of Engineering, Kalavakkam, Chennai on 2nd March 2023.

Mr.R.Srinivasan, Dr.S.Thirugnanam, Mr.I.Felix Sahayaraj Jenish presented a paper titled 'Transforming agricultural waste into sustainable composite materials: Mechanical properties of Tamarindus Fruit Fibre (TFF) reinforced PLA composites' in the International conference on Processing and Performance of Materials held at SSN College of Engineering, Kalavakkam, Chennai on 2nd March 2023.

Mr.S.Sivasankar filed a patent titled 'Clockwise double twisting copper sharp edge square prism rib with inline multiple elliptical holes'. Application Number: 202341024581.

Mr.R.Ashok filed a patent on 'Design and development of wheel based pipe inspection robot'. Application Number: 202341023058.

Mr.G.Rajesh published a paper titles 'Microstructure and mechanical properties of AZ91D/Si3N4 composites using squeeze casting method' Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2023.04.470> 2214-7853.

Mr. A. S. Hari Vijay, Mr.S. Siva Sankar, published paper titled 'Hazard and Operability (HAZOP) Study on LNG Skid' International Journal of Modern Developments in Engineering and Science Volume 2, Issue 4, April 2023 <https://www.ijmdes.com> | ISSN (Online): 2583-3138.

Department of Medical Electronics

The Department of Medical Electronics in association with IIC, CSI, ISTE & IETE Students Forum conducted a School Outreach Programme titled 'Career Opportunities in Medical Electronics' for 12th school students on 11th January 2023 at JRK Matriculation Higher Secondary School, Kattankulathur. Dr. N. Usha Bhanu, Professor & Head welcomed the school participants and highlighted the objective of school outreach programme. Dr. R. Dhanush, Assistant Professor/ Medical Electronics, SRMVEC delivered a presentation on 'How to deal with exam stress' for their public examination. Mrs.V.P.Sandhya, Assistant Professor /Medical Electronics, SRMVEC presented a lecture on 'Career Guidance and opportunities in Medical Electronics'. Mr. M. Selvaraj, Assistant Professor /Medical Electronics, SRMVEC delivered a presentation on the College Infrastructure, Central & Library facilities and various student club activities like Tamil Mandram, SAE Collegiate Club, Fine Arts Club, Music Club, Sports Club, NSS, NCC, YRC etc. The Final year MDE students Mr. G. Sathish and M. Chandrakala shared their experience about college and placement activity and how the students were motivated to reach their goal.



School Outreach Programme titled 'Career Opportunities in Medical Electronics'

The Department of Medical Electronics in association with IIC, CSI, ISTE & IETE Students Forum conducted a School Outreach Programme titled 'Career Opportunities in Medical Electronics' for higher secondary school students on 7th February 2023 at JRK Global Senior Secondary School, Kattankulathur. Dr. N. Usha Bhanu, Professor & Head welcomed the school participants and highlighted the objective of school outreach programme. Mr. M. Selvaraj, Assistant Professor/Medical Electronics, SRMVEC delivered a presentation on 'How to deal with exam stress' for their public examination. Mrs. V. Venmathi, Assistant Professor /Medical Electronics, SRMVEC presented a lecture on 'Career Guidance and opportunities in Medical Electronics'. Mr. Satheeswaran.C and Mr. M. Selvaraj, Assistant Professor /Medical Electronics, SRMVEC delivered a presentation on our College Infrastructure, Central & Library facilities and various student club activities like Tamil Mandram, SAE Collegiate Club, Fine

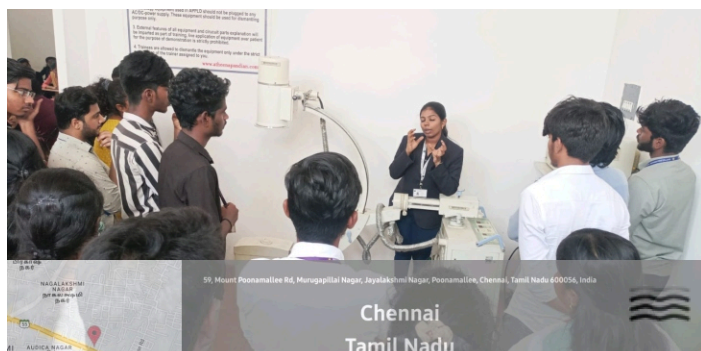
Arts Club, Music Club, Sports Club, NSS, NCC, YRC etc. At last, the Final year MDE students Mr.G.Sathish and Ms.B.Vijayalakshmi shared their experience about college and placement activity and how the students were motivated to reach their goal. The students interacted with the faculty and clarified their doubts for admissions in our college.



School Outreach Programme titled 'Career Opportunities in Medical Electronics'

The Department of Medical Electronics organized an Expert Lecture on 'Smart Health Care Technology' in association with IIPC, IIC, ISTE, IETE Student's forum & SRM VEC - CSI student branch, on 28th February 2023, for the benefit of Medical Electronics students. The event started with welcome address delivered by the Convener of the event, Dr. N. Usha Bhanu, HoD MDE, Ms. Preethi, III-year student, Department of MDE introduced the resource person. The Resource person Mr.S.Allwyn, Research Associate, IIT Madras delivered the lecture on Smart Health Care Technology. Around 42 students of MDE attended the expert lecture. The lecture focused on Biosensors, optical fiber measurement, 3 knot operation and his research work on Fat level measurement in the organs (liver). He also focused on the projects of medical electronics engineer and opportunities for them in the emerging medical field era. The event coordinator, Mrs. Venmathi V, AP- MDE proposed a vote of thanks.

The Department of Medical Electronics organized a one-day Industrial Visit to 'Atheenapandian Pvt Ltd' Chennai on 3rd March 2023. The II and III year MDE students, 32 in number went on an Industrial Visit accompanied by two staff members Ms.V. P. Sandhya, AP (Sr.G)/MDE and Dr R Dhanush, AP (Sr.G)/MDE. The industrial visit explored the various imaging modalities, therapeutic equipment, and biomaterials in a more rigorous and practical way. This would enable the students to visualize the subjects in a better way in the current and forthcoming semesters.



Industrial Visit to 'Atheenapandian Pvt Ltd'

Dr. J. Mohan, Professor published a paper titled on 'EMG monitoring using Internet of Things' in the International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering on 3rd March 2023.

Dr. N. Usha Bhanu, Professor and Head, Department of MDE delivered the lecture in the online FDP titled 'Wearable devices and Implantable Technologies' organized by Department of Biomedical Engineering, Kongunadu College of Engineering & Technology on 27th March 2023.

Dr. R. Dhanush, Assistant Professor (Sr.G), Department of MDE delivered guest lecture titled 'Learning of the human brain from a Neuroscience and Biomechanics perspective' organized by Department of Biomedical Engineering, SRM Easwari Engineering College on 28th March 2023.

Dr. R. Dhanush, Assistant Professor (Sr.G), Department of MDE received a project fund approval of Rs.7500/- from Tamilnadu State Council for Science and Technology (TNSCST) titled 'Motor Assistive and recovery exoskeleton system for people with compromised ability to perform fine and dexterous movements' in the month of March 2023.

Mr. C. Satheeswaran, Assistant Professor (O.G) attended an FDP titled 'Emerging Trends in Biomedical Engineering for Healthcare 4.0' from 27th March 2023 to 29th March 2023 organized by the Department of Biomedical Engineering, SSN College of Engineering, Chennai.

Ms. S. Srija, II MDE, has participated in the workshop titled 'Cancer Oncology' conducted by Ethical Edufabrica PVT.LTD in association with SHAASTRA 2023 at IIT Madras on 28th January 2023.

Ms. S. Srija, II MDE, has successfully completed master class titled 'Diabetes, Insulin and Stem Cell theory' conducted by CMED Research Solutions on 5th February 2023.

Ms. S. Srija & Ms. S. Adithya, II MDE, participated in the online Implant Training titled 'Human Assistive Device' conducted by Medcuore Medical Solutions PVT. Ltd from 20th February 2023 to 24th February 2023.

Ms. R. Preethi, Ms. V. Liviya III MDE, participated in the event 'Shipwreck' in the 17th National Level Technical Symposium XploITs'23 conducted by Department of Information Technology & Artificial Intelligence and Data Science at SRM Valliammai Engineering College on 25th February 2023.

Mr. Ruban Kumar Rao, II MDE, participated in the event 'ADZAP and Catch the code' in the 17th National Level Technical Symposium XploITs'23 conducted by Department of Information Technology & Artificial Intelligence and Data Science at SRM Valliammai Engineering College on 25th February 2023.

Mr. Ruban Kumar Rao, II MDE, participated and won second prize in the event 'Sherlock' in the 17th National Level Technical Symposium XploITs'23 conducted by Department of Information Technology & Artificial Intelligence and Data Science at SRM Valliammai Engineering College on 25th February 2023.

Ms. R. Preethi & Mr. Jason Gnanakumar, III MDE, has successfully completed online courses titled 'Foundations: Data, Data, Everywhere' and 'Ask Questions to make Data-Driven Decisions' through Coursera on 25th and 26th February 2023.

Ms. Avenaash R.S, Ms. M. Chandrakala, Ms. J. Rajyashree & Mr. Vignesh D, IV MDE, published a paper titled on 'EMG monitoring using Internet of Things' in the International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering on 3rd March 2023.

Mr. Ruban Kumar Rao, II MDE, participated in the event 'Light Music' conducted by Department of Computer Science Engineering at SRM Institute of Science and Technology, Ramapuram on 9th March 2023.

Ms. V. Liviya & Mr. Jason Gnanakumar, III MDE, participated in 'Mindmaniacs & Cinemania' held as a part of Biomutantz conducted by Department of Biomedical Engineering at Chennai Institute of Technology on 21st March 2023.

Ms. R. Preethi, Ms. V. Liviya III MDE & Mr. Jason Gnanakumar, participated in the workshop titled 'Biomedical Engineers Conclave for Career Guidance' held as a part of Biomutantz conducted by Department of Biomedical Engineering at Chennai Institute of Technology on 21st March 2023.

Master of Business Administration

Department of Management Studies, SRM Valliammai Engineering College in association with Institution Innovation Council organised a Management Development Program on 'Capacity Building in Drafting Research Proposals for Funded Research' on 12th December 2022.

A Guest Lecture on 'Why Entrepreneurship Matters and Its Impact on the Economy' was organised by the Dept. of Management Studies in association with Industry Institute Partnership Cell (IIPC) on 14th March 2023 for the first year MBA students. Mr. Govindaraj Murugan, CEO Chennai Adman Pvt. Ltd, Chennai was the resource person.



Guest Lecture on 'Why Entrepreneurship Matters and Its Impact on the Economy'

Dept. of Management Studies, in association with Entrepreneurship Development Cell and ICC Vishaka Committee, SRM Valliammai Engineering College organised a three Day 'Women Entrepreneurship and Skill Development Program' from 6th March 2023 to 8th March 2023. Dr. Krishna Radhakrishnan, Founder President, Women Entrepreneurs Welfare Association of Tamilnadu (WEWA Trust), Chennai



'Women Entrepreneurship and Skill Development Program'

inaugurated the session, Mrs. Kalaivani Rajesh, Founder Aran, Chennai and Mrs. Sushma Anand, Founder, Ampersand Communications, Chennai were the keynote speakers for the three day programme. Mrs. P. Divya, Asst. Professor, Dept. of Agricultural Engineering and Ms. K. Tharini, Asst. Professor, Dept. of Civil Engineering, SRMVEC delivered lectures on Entrepreneurship as a part of the programme. More than 90 participants enrolled and benefitted from the program.

A One Day National Seminar on 'Digital Marketing and its Current Trends' was organised by the Dept. of Management Studies in association with the Entrepreneurship Development Cell, SRM Valliammai Engineering College on 28th March 2023. Dr. L. Kanagalakshmi, Assistant Professor, Department of Management Studies, University of Madras, Chennai inaugurated and delivered the lecture in the seminar.



National Seminar on 'Digital Marketing and its Current Trends'

Dr. V. Selvalakshmi, Asst. Professor, Dept. of Management Studies, delivered a lecture as resource person in an International Faculty Development Program on the title 'Quantitative Analysis using NVIVO' organised by Hindustan College of Arts & Science, Coimbatore on 28th March 2023.

Dr. M. Ganesan @ Kanagaraj, Asst. Professor has successfully guided and completed the TNSCST Student Project on the title 'An Empirical Study on the impact of free of cost in government owned city and town buses to empower working women and transgender in improving their standard of living with special reference to Chengalpattu District' on 14th March 2023.



TNSCST Student Project

SRM Valliammai Engineering College Technology Business Incubator was inaugurated on 26th February 2023 in our campus by Ms. Harini Ravi, Correspondent, SRM VEC the presence of Dr. P. Uma Maheswari, CEO - AIC Anna Incubator who presided the event as the Guest of Honour. Dr. B. Chidambararajan, Director, SRMVEC, Dr. M. Murugan, Principal, SRMVEC, Dr. H. Krishnan, Vice Principal, SRMVEC, Head of Departments and Faculty Members graced the occasion. Dr. K. Sentamilselvan, Associate Professor and

Head, Dept. of Management Studies and Dr. V. Selvalakshmi, Asst. Professor welcomed and felicitated the delegates.



Technology Business Incubator inauguration

Dr. L. Sujatha and Dr. S. Raja have organised a 3 Day Management Development Program titled 'Talent Management & Workforce Planning' at Ciscam Communications Private Ltd between 18th January 2023 and 20th January 2023.



Management Development Program titled "Talent Management & Workforce Planning"

Department of English

Ms. M.Chithra, Head and Ms. R.Geetha, Asst Prof (Sr.G) defended their Ph.D dissertation on 12th January 2023 and 22nd January 2023 respectively and were subsequently conferred with the Ph.D degree.

A refresher workshop was conducted for the limited proficient students of the first year on 1st February 2023 in order to help them with their lapses in language learning.

The department of English, under the auspices of Eclectic Lingua organized Linguathon Phase I competitions for the first year students on 2nd February 2023. The competitions were Declamation, Creative Writing and Skit. The students participated eagerly and displayed their public speaking skills and creative talents. The winners were rewarded with prizes.

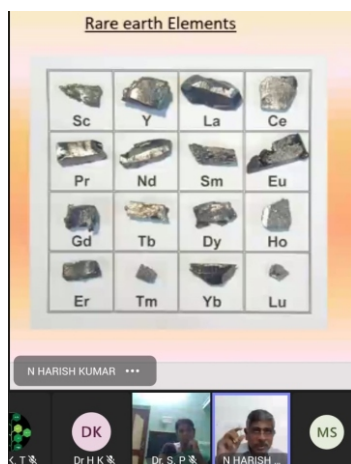
The Department of English in association with IIC organized a workshop titled 'Interactive session on Entrepreneurship skill, attitude and behavioural development' on 24th February 2023. The Resource Person for the event was Ms. Deepika Navin Kumar, an entrepreneur and Alumnus of the college.

The department of English organised a workshop titled 'Building Speaking and Writing Skills A Sure Shot Step to Language Enhancement'- A Powerful Tool for Communication on 28th March 2023 for the second year students. The resource person was Dr. B. Monika Nair, Asst Prof., Dept of English and

Foreign Languages, SRMIST. The activities conducted by the resource person were very interesting and thought provoking. The students involved themselves actively in all the activities.

Department of Physics

The department of Physics organised an Expert Lecture on 'Properties and applications of Magnetic materials' on 31st January 2023. The Chief Guest was Dr.N.Harish Kumar Professor, Department of Physics, IIT Madras, Chennai.



Expert Lecture on 'Properties and Applications of Magnetic Materials'

Mrs.D.Praveena, Assistant Professor (Sr.G) was awarded the best paper presentation at the International virtual Conference on Advances in Sciences and Technology (INCAST-2023) for the title 'Study on surface modification of textile card clothing (AISI1065) by Laser shock peening at Karpaga Vinayaga College of Engineering and Technology, Chengalpattu, between 6th and 7th February 2023.

Mrs.D.Praveena, Assistant Professor (Sr.G) presented a paper titled 'Surface enhancement of D2 steel by conventional shot peening and laser shock peening', at the Eight Industrial Laser Applications Symposium 2023 (ILAS-2023) at Mercure Court Hotel, Daventry, United Kingdom, organised by the Association of Industrial lasers, UK, on 22nd and 23rd Mar. 2023.

Dr.M.Anbuezhayan, Prof. & Head, presented a paper at the International conference (ICONN- 2023) organized by SRM Institute of Science & Technology, Chengalpattu between 27th and 29th March 2023.

Mrs. K.Priyadarshini, R&D Centre, department of Physics, defended her thesis on 28th March 2023, under the guidance of Dr.M.Anbuezhayan, Prof. & Head.

Department of Chemistry

Dr. M. Soundarrajan, Assistant Professor (Sr.G), Dr.J.Krishnamurthi, Assistant Professor (Sr.G) and Dr.P.Maheswari, Assistant Professor (O.G) published a paper titled 'Preparation, enhancement of permeability, and anti-biofouling properties of PEES/Nano-Silver/PVP mixed-matrix membrane' in the Materials Research Express Journal, 23rd January 2023.

Dr. L. Devaraj Stephen, Assistant Professor (Sel.G) participated in a webinar on 'Proven Strategies to Design Your IQAC Effective' on 30th January 2023 organized by ISDE

Academy India Private Limited, Chennai.

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 Chemical Sciences, on 30th January 2023.

Dr. M. Soundarrajan, Assistant Professor (Sr.G), Dr. S. G. Gunasekaran, Assistant Professor (O.G), Mr. V. Arivalagan, Assistant Professor (Sr.G) and Dr. L. Devaraj Stephen, Assistant Professor (Sel.G) published a paper titled 'Chitosan Coated Vermiculite Blended Carbon Biopolymer Composites for Comparative Removal of Chromium Ion from Water' in the YMER Journal, 31st January 2023.

Dr. L. Devaraj Stephen, Assistant Professor (Sel.G) participated in a National webinar on 'Atom by Atom Engineering in Cluster Science' on 6th February 2023 organized by Ethiraj College for Women, Chennai.

Dr. L. Devaraj Stephen, Assistant Professor (Sel.G) was awarded the Certificate of Excellence in Reviewing for the recognition of outstanding contribution to the quality of the journal by the Chemical Sciences International Journal, on 8th February 2023.

Dr. M. Soundarrajan, Assistant Professor (O.G), Dr. S.G. Gunasekaran, Assistant Professor (O.G) and Dr. L. Devaraj Stephen, Assistant Professor (Sr.G) filed a patent in IPR on 'Vermiculite blended chitosan coated carbon biopolymer composites for comparative removal of chromium' on 10th February 2023.

Mr. V. Arivalagan, Assistant Professor (Sr.G), Ms. M.Meera, Assistant Professor (O.G), Dr. L. Devaraj Stephen, Assistant Professor (Sel.G), Dr. M. Soundarrajan, Assistant Professor (Sr.G) and Dr. S. G. Gunasekaran, Assistant Professor (O.G) published a paper titled 'Phthalide cardo chain extended imine skeletal linked maleimido end capped nanotitania reinforced novel polybenzoxazine (nTiO₂/PBZ) hybrid nanocomposites' in the High Performance Polymers Journal, 14th March 2023.

Department of Mathematics

Dr.T.Isaiyarsi /AP(Sl.G), Dr. S.Chitra, HOD /AP (Sl.G), Mr. N. Sundarakannan /AP (O.G) and Dr.V.Vijayalakshmi /AP(Sl.G) published a paper titled, 'Tripartite Key Agreement Protocol using Decomposition Search problem Authenticated by Digital Signature', in Res Militaris Volume 13, January 2023.

The Mathematics Association 'EULER.COM', in association with IIC organized a Guest Lecture on the 'Integral Calculus' on 11th January 2023 for the first year students of SRM Valliammai Engineering College. The lecture was delivered by Dr.S.Saravanan, Associate Professor, Department of Mathematics, RMD Engineering College, Chennai. The lecture started with the introduction of Calculus and Integral Calculus with some basic formulas. He explained the various methods of integration such as substitution decomposition into a sum, integration by parts and successive reduction. He described both physical and geometrical applications of Integral Calculus with many examples like centroid, centre of pressure and centre of gravity.

Mr.L.Mohan /AP (O.G) published a paper titled, 'Solving Fully Fuzzy Linear Systems with Triangular and Pentagonal

Fuzzy Numbers', Ratio Mathematica, Volume 43, Pp- 296-303, February 2023.

The Mathematics Association 'EULER.COM', in association with IIC organized a Guest Lecture on the 'Statistics' on 17th February 2023 for the Second year Agriculture Engineering and Information Technology students of SRM Valliammai Engineering College. The lecture was delivered by Dr.S.Sivasubramanian, Professor, Department of Science and Humanities, Anna University, Thindivanam. The lecture started with the introduction of Statistics and various concepts with some basic formulas. He explained the various methods of Statistics, Baye's Theorem, Testing of hypothesis such as large and small sample test t test, F test, Chi square test.



Guest Lecture on the 'Statistics'

Dr.G. Sasikala /AP (O.G) attended an online Faculty Development Programme on 'Research Opportunities and Futures of Additive Manufacturing' organized by Sri Manakula

Vinayagar Engineering College, Pondichery between 30th Jan to 3rd Feb 2023.

Dr. S. Chitra, HOD /AP (Sl.G) and Mrs. A. Karpagam/AP (O.G) presented a research paper titled, 'The study of Spectral Radius, Eccentricity of graphs with given Super Strong domination number', in the International Conference on Global Trends and Subtitles in Contemporary Mathematical Research (IGCMR- 23) organized by PG and Research Department of Mathematics at Dr. Ambedkar Government Arts College Chennai, 24th March 2023.

Dr. V. Vijayalakshmi /AP(Sl.G) and Dr.B.Vasuki /AP (O.G) presented a research paper titled, 'Fuzzy Transportation Problem for Pentagonal Fuzzy Numbers' in the International Conference on Global Trends and Subtitles in Contemporary Mathematical Research (IGCMR- 23) organized by PG and Research Department of Mathematics at Dr. Ambedkar Government Arts College Chennai, 24th March 2023.

Mr.N.Sundarakannan/AP (O.G) and Dr.T.Isaiyarasi /AP(Sl.G) Presented a research paper titled 'Multi Party Key Agreement Protocols using Conjugacy Search Problem in Five dimensional Discrete Heisenberg Group' in the International Conference on Global Trends and Subtitles in Contemporary Mathematical Research (IGCMR- 23) organized by PG and Research Department of Mathematics at Dr. Ambedkar Government Arts College Chennai, 24th March 2023.

Dr.G. Sasikala /AP (O.G) published a paper titled, 'Machine Learning Designed identification on cervical cancers in patient', IEEE Explore, International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, Chennai, India, Pp.1-7, 2023.

National Service Scheme

The NSS unit of SRM Valliammai Engineering College was instructed to help the 12th standard students of Government Girls Higher Secondary School, Nandhivaram, Guduvancheri to apply for the Joint Entrance Examination (JEE) - 2023, under the scheme of 'Naan Mudhalvan', Tamil Nadu on January 5th and January 6th, 2023. The volunteers went to the school campus on 5th January and met the 12th-standard students who were interested to apply for the JEE. They were briefed about the application process by the volunteers and they were also instructed to bring all the required documents to apply for the same on the next day.



Helping the students to apply for the JEE Exam 2023

On 6th January, the NSS volunteers examined all the documents brought by the students. The volunteers applied online mode for JEE 2023 examination after verifying their documents thoroughly. All the information was entered by them in the portal and the required documents were scanned and uploaded. These processes were continued till all the interested students completed their application process. The Head Mistress of the Government Girls Higher Secondary School appreciated

Dr. S. Parthasarathy, NSS Programme Officer, and the volunteers for their help.

The career guidance programme aims to assist students of various disciplines to absorb skills related to career which helps them to become successful in the competitive world. The event commenced on January 25th at 2:30 p.m. with a warm welcome address by Dr. S. Parthasarathy, NSS Programme Officer, to engage career-related skills crucial for their future success. The session was carried out by Dr.J. Monica Paul, Head, Training & Placement. Dr. Monica passionately elaborated on the diverse opportunities within the engineering field, allowing students to gain a better understanding of potential career paths.

Prof. B.S. Murty, Regional Coordinator of UBA, gave a hearty welcome to all the representatives and briefed them on the framework of UBA 2.0 and the importance of participating institutes for achieving the Unnat Bharat Abhiyan's goal on 20th January 2023, I.C. & S.R. Building, IIT Madras. Dr.R. Ramesh, NIRDPR, Hyderabad, presented the concept of village adoption and modes of working (saturation approach) and proposal development for UBA. He gave an idea about the UBA programme in villages: the Gramme Panchayat Development Plan (GPDP) - what it is, and what UBA PIs can do about it. He



Unnat Bharat Abhiyan Orientation for Participating Institutes

gave elaborate input on the localized SDGs of the Government of India how to align UBA work with the priorities of the Government of India. He also informed the participants about convergence with other government schemes and funding opportunities. Then Prof. Indumathi Nambi, SEG Coordinator, IIT Madras, gave a brief account of subject expert groups (SEGs) and the preparation of proposals: dos and don'ts. The programme concluded with an interactive session conducted by Prof. Murty, Prof. Indumathi, and Dr. R. Ramesh.

Dr. S. Parthasarathy, the NSS Programme Officer from SRM Valliammai Engineering College, attended the Grama Sabha meeting held in Periyapotheri village and Thiruvadisoolam, Chengalpattu District, on January 26, 2023. The meeting was attended by Panchayat members, village citizens, and members of non-governmental organizations to discuss the village's requirements.



Gram Sabha Meeting

The members of the Grama Sabha were asked to give suggestions for the problems faced by the villagers. And also discuss one of the major issues to be resolved under the NSS unit. The members of the village suggested installing solar street lights in certain areas of the village, few suggested renovating their houses and providing sheds for the government primary school for lunch purposes. All their needs were taken into consideration.

The Grama Sabha members were invited to offer suggestions for resolving the issues faced by the villagers. Additionally, one major issue was identified to be addressed under the NSS unit. Some of the suggestions put forward by the village members included installing solar street lights in specific areas of the village, renovating their houses, and also providing sheds for the government primary school.

In an effort to promote public health and raise awareness about the importance of preventive measures against COVID-19 and Dengue fever, Thiru. C. Maria Arputha Samy, the District Health Educator with a team of health professionals delivered an informative presentation on February 1, 2023, at 2.30 p.m. in Old Seminar Hall of SRM Valliammai Engineering College. This initiative aimed to empower students with knowledge about these diseases, their transmission, and effective preventive measures. By disseminating accurate information and promoting responsible behaviour, the program aimed to minimize the risk of disease transmission within the college community and the surrounding area. The presentation also covered key aspects of dengue fever, such as its transmission through mosquito bites and its prevalence in tropical and subtropical regions.



Prevention and Control COVID 19 & Dengue

The NSS Programme Officers from various colleges and schools in south Tamil Nadu were summoned to Sriperumbudur

for training by the State NSS cell. The purpose of the training is to collaborate with the school education department and enhance the overall enrollment rate at the higher education level through the 'Naan Mudalvan' Scheme. As part of this training, the NSS unit of SRM Valliammai Engineering College has been invited to present its accomplishments and cultural program on February 14, 2023, from 5 p.m. to 7 p.m. During the NSS Programme Officer meeting, Dr. S. Parthasarathy, the Programme Officer of SRM Valliammai Engineering College, proudly shared the achievements of his NSS unit. He announced that his team had successfully completed the construction of 15 Individual Household Latrines (IHL toilets), 10 communal toilets, and the renovation of 10 dilapidated houses. These initiatives highlight the NSS unit's dedication to social welfare and its efforts to uplift the community. In addition to these infrastructure projects, Dr. S. Parthasarathy acknowledged the cultural events organized by his team of 37 students. These events showcased the diverse talents and cultural heritage of the college community. Such cultural activities foster a sense of unity, promote inclusivity, and provide a platform for students to showcase their skills and creativity. Dr. M. Senthilkumar, the State Programme Officer expressed appreciation for Dr. S. Parthasarathy and his team's outstanding efforts.

The NSS unit of SRM Valliammai Engineering College organized a comprehensive Traffic Awareness Programme on 21st and 22nd February 2023 from 7:45 a.m. to 9:45 a.m. The primary objective of this event was to promote safe and responsible behaviour on the roads among the college staff and students. The target audience for this program was the college staff and students who actively commute on the roads. To effectively convey the information, the organizers utilized placards that emphasized various traffic rules. These placards were prominently displayed at the regular entrance to the college, ensuring that they were visible to all those entering the premises. The slogans promoting road safety and traffic rules were prominently featured on these cards. During the event, Dr. S. Parthasarathy, the NSS Programme Officer, led the program by educating the participants about the importance of traffic rules and road safety.



Road Safety and Traffic Awareness Programme

The NSS volunteers of SRM Valliammai Engineering College attended the Disaster Management Training for First Responders along with their NSS programme officer, Dr S. Parthasarathy on February 28, 2023, and March 3, 2023, at Guru Nanak College, Chennai. It was conducted by the Revenue and Disaster Management departments of Chennai. This training programme was attended by approximately 175 NSS/NCC volunteers from various colleges. Officials from the Tamil Nadu Disaster Response Force (TNDRF) and Tamil Nadu Fire & Rescue Services (TNFRS) taught the volunteers about the role of first responders in society. Tamil Nadu Disaster Rescue Force (TNDRF) officers conducted theory and demo classes about cardiopulmonary resuscitation (CPR), and they taught several first aid and safety measures to be followed during a disaster. The TNFRS officers gave a detailed explanation of fire accidents and the role of a first responder during and after the accident happened. They also gave information about the dos and don'ts to be followed before and after the fire accident. The volunteers of SRM Valliammai actively participated during the demo classes conducted by TNFRS officers. At the end of the training session, the officials from Revenue and Disaster Management gave a lot of

information regarding disaster management and the role of a first responder in society.



Disaster Management Training

Modernizing the Rural by Training in Digital and Cashless Economy with a focus on Entrepreneurship

On March 22, 2023, at 10:00 a.m., the NSS unit of SRM Valliammai Engineering College organized a one-day training program titled 'Modernizing the Rural by Training in Digital and Cashless Economy with a Focus on Entrepreneurship' in Periyaputheri, Chengalpattu District. The program aimed to educate the participants about the benefits of digital transactions and equip them with knowledge on avoiding scams conducted by hackers.



'Modernizing the Rural by Training in Digital and Cashless Economy with a Focus on Entrepreneurship'

Dr. S. Parthasarathy, the NSS Program Officer, began the event by delivering an introductory speech, providing an overview of the program's objectives. He emphasized the importance of digital awareness and explained the intricacies of cashless transactions. Additionally, he highlighted the need to stay vigilant and protect oneself from fraudulent activities carried out by hackers. The training program also included sessions on basic electrical and plumbing works. The electrician and plumber were invited to conduct these sessions, where the participants were educated on various aspects such as preventing electric shocks, replacing energy-saving bulbs, understanding the significance of proper wiring, learning leakage-arresting techniques, and replacing taps and fittings.

Entrepreneurship ideas were also introduced during the training program. The NSS volunteers were encouraged to explore the concept of manufacturing paper bags as an alternative to plastic bags. This initiative aimed to promote eco-friendly practices and raise awareness about the harmful effects of plastic on the environment.

Mrs. Subaitha, the Founder of Crescentia Educational Group, was also present at the event. She shared insights on the significance of education in today's competitive world. Mrs. Subaitha emphasized the importance of educating children from underprivileged backgrounds and encouraged the attendees to prioritize education for children living in poverty.

The National Service Scheme unit of SRM Valliammai Engineering College organized a residential NSS Special Camp at Irular Habitation in Periyaputheri village near Senneri, Chengalpattu District, from March 2531, 2023. Irular habitation was adopted by the NSS unit in the year 2020; six dilapidated



NSS Special Camp

houses have been renovated in the year 2020, and four houses have also been renovated in the year 2022. A new house has been planned to be constructed at the right place, which was constructed at the wrong place by the beneficiary, and two dilapidated houses and a toilet have also been planned to be renovated in this special camp.

The commencement of the NSS Special Camp began with the inauguration held at 9.00 a.m. on March 25, 2023. Dr. S. Parthasarathy, the NSS Programme Officer, encouraged the volunteers by giving a motivational speech. He explained the need for student service in society. He also motivated the NSS volunteers to serve society wholeheartedly. The volunteers were divided into four groups, and each group was allocated a house and a toilet, respectively.

The renovated houses and a toilet were handed over to the respective beneficiaries by the chief guests, Dr. S. Murugan, the Vice Principal, SRM Valliammai Engineering College, and Mr. Kesavan, Kattankulathur Panchayat Union President, on March 31, 2023, at 5.30 p.m. The valedictory function of the NSS residential camp was held in the open-air theatre of the village at 6 p.m. The valedictory address was given by Dr. S. Parthasarathy, the NSS Programme Officer, narrating the efforts taken by the NSS volunteers. They were also appreciated by the principal and the president. The beneficiaries also thanked the NSS team of SRM Valliammai Engineering College individually. The valedictory function ended with a vote of thanks proposed by the program officer.

SRM VEC Alumni Meet



'Shimmer 2023' - Alumni Meet conducted on 26th February 2023 at SRM VEC. Ms. Harini Ravi, Correspondent, SRM VEC graced the occasion.

