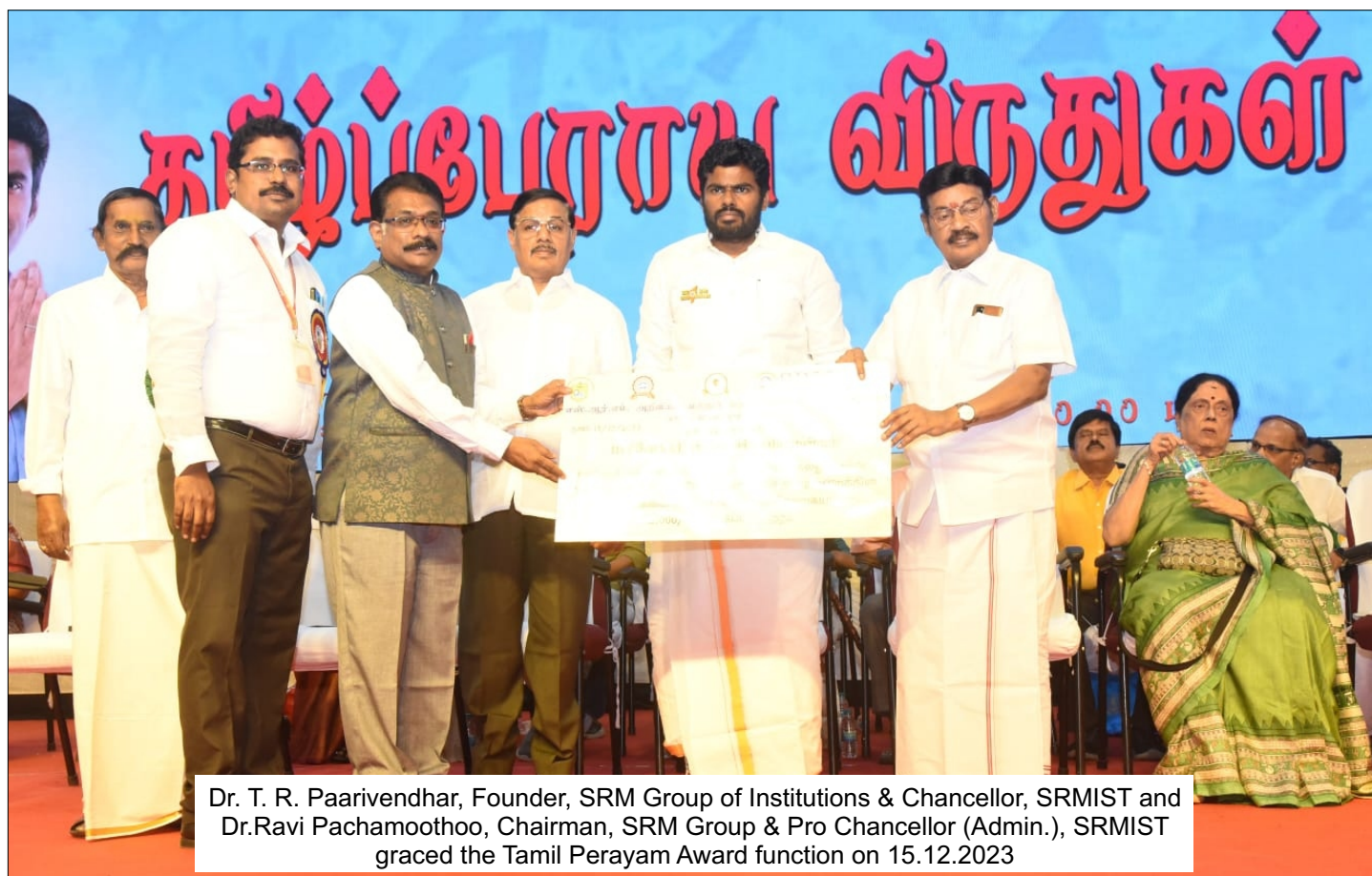


NEWSLETTER

Vol. No. 12 - No. 4 Issue : Oct. - Dec. 2023



Department of Civil Engineering

Research Centre Recognition of Civil Engineering Department has been granted by the Anna University in December 2023 and this is the ninth research centre of our college.

Dr.D.Elango, Professor and Head of Civil Engineering department was nominated as the member of Bureau of Indian Standards (BIS) by Department of Science and Technology (DST), Government of India.

Dr. A. Leema Rose Associate Professor from department of Civil Engineering was awarded Elite certificate for the consolidated score of 80% in the NPTEL online certification course titled 'Bridge Engineering' during the period July to October 2023.

Department of Civil Engineering organized an IIC special lecture titled 'Prototype/Process, Design and Development' on 3rd November 2023 and Ms.K.Tharini, Assistant Professor was the resource person for the event.

Third Year Civil Engineering student Mr.Tharunkumar won the gold medal in Anna University Zone IV Ball badminton men tournament organized by our college on 3rd November 2023.

Dr.A. Leema Rose Associate Professor from department of Civil Engineering was an expert member for external annual academic audit in the department of Civil Engineering, Crescent Institute of Science and Technology from 20th November 2023 to 25th November 2023. She was one of the Ph.D viva board expert member for the thesis titled 'Experimental and Analytical Behavior of Exterior Beam-Column Joints Using Fiber Reinforced Concrete' in BIHER campus on 1st December 2023.

Mr.G.R. Iyappan Assistant Professor from department of Civil Engineering attended a 3-day State Level Online Faculty Development Programme on 'Advancement in Geotechnical and Foundation Engineering' held from 28th December 2023 to 30th December 2023 organized by Department of Civil Engineering, Yasodha Technical Campus, Satara.

Mr.A. Sattainathan Sharma Assistant Professor from department of Civil Engineering was recognized for his role as a mentor for the NPTEL online certification course titled 'Advanced Reinforced Concrete Design' during the period July to December 2023.

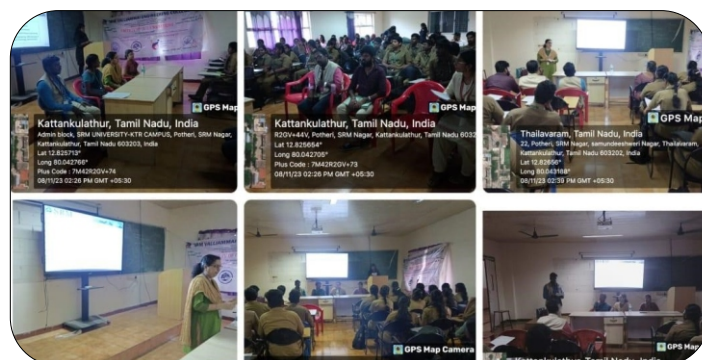
Department of Agricultural Engineering

The Department of Agricultural Engineering in association with the Institution of Engineers (I), Indian Society for Technical Education, Institution's Innovation Council, Industry-Institute Partnership Cell and Internal Quality Assurance Cell organized a Five Day Faculty Development Programme (FDP) on 'Mechanics of Materials and Groundwater' from 13th December 2023 to 19th December 2023.

Third Year Agricultural Engineering student Mr.Dharshan Deep won the gold medal in Anna University Zone IV Ball badminton men tournament organized by our college on 3rd November 2023.



Kattankulathur, Tamil Nadu, India
Five Day Faculty Development Programme (FDP) on 'Mechanics of Materials and Groundwater'



Guest Lecture on 'Food Processing'

Department of Computer Science and Engineering

Dr.C.Pabitha/AP(Sr.G) published a paper on 'Development and Implementation of an Intelligent Health Monitoring System using IoT and Advanced Machine Learning Techniques' in Journal of Machine and Computing, Oct. 2023.

Dr.C.Pabitha/AP(Sr.G),Dr.B.Vanathi/Prof.Ms.G.Sangeetha /AP(Sel.G) and Ms.S.Suma /AP(Sel.G) published a paper on 'Deep Learning Framework for Edge Detecting and Classification in SAR Images of Oil Spills using CNN' in Grenze International Journal of Engineering and Technology, Dec. 2023.

Dr.C.Pabitha/AP(Sr.G) and Dr.B.Vanathi/Prof published a paper on 'Dense Mesh RCNN: assessment of humanskin burn and burn depth severity' in The Journal of Supercomputing, Dec. 2023.



Mini Project Expo-2K23

The Mini Project Expo-2K23, in association with the CSI Student Branch, ISTE and IIC was conducted on 27th October 2023. There were 15 participants. Ms.Sadhana Jain, Technology Analyst Infosys Technologies Ltd. was the judge for the Expo.

A five day FDP was conducted on 'Integrating Data Science, Social Networks And Compiler Design For Enhanced Data Management' from 18th to 22nd Dec. 2023. The resource person was Mr. S. Gopinath, Managing Partner, GB Tech Corp, Chennai.



Five day FDP on 'Integrating Data Science, Social Networks and Compiler Design For Enhanced Data Management'

The 13th National Level Technical Symposium CYBORGS'23 was conducted on 21st October 2023. The symposium was inaugurated by Mr.Praveen Sridhar,Vice president-Growth@Netcore cloud,Mumbai delivered a lecture on recent technologies. There were 92 participants in the event.



National Level Technical Symposium CYBORGS '23

A seminar was conducted on 'Intellectual Property Rights (IPRs) and IP Management for Startup' on 18th December 2023. The resource person was Mrs A. Vidhya, Assistant Professor. 52 students participated in this event.



Seminar on 'Intellectual Property Rights (IPRs)

Divyan.S /IV Year Won gold medal in the Anna University Inter Zonal(State Level) Badminton .

S.N.Sriram/IV year, N.Vigneshwaran/IV year and D.Richardson/ III year students were the runner up for the

Hackathon event held at Chandigarh Engineering college from 19th - 20th December 2023.

Oviya Prabha.B, II Year won Bronze Medal in Anna University Inter Zonal (State Level) 2023.

The Department Signed an MoU with 'First Language Technologies Private Ltd', Chennai for conducting consultancy, Internship, Workshop and industry projects on Machine Learning, Deep Learning, NLP and Language Technology Domain for students and staff on 29.10.23.



MoU with 'First Language Technologies Private Ltd'

The Department Signed an MoU with Hackwit Technology Private Ltd, Chennai for conducting consultancy, Internship, Workshop and industry projects on AR, VR Domain for students and staff on 29.10.2023.



MoU with Hackwit Technology Private Ltd, Chennai

Department of Cyber Security

The SRM Valliammai Engineering College, Department of Cyber Security in collaboration with the Institute of Engineers - India, hosted a significant one-day seminar on Cyber Crime Awareness (in Tamil) on 18th October, 2023. Dr. Senthil Kumar Murugesan, Professor and Head of the Department of Cyber Security, began the seminar with a welcome speech. The



Seminar on Cyber Crime Awareness (in Tamil)

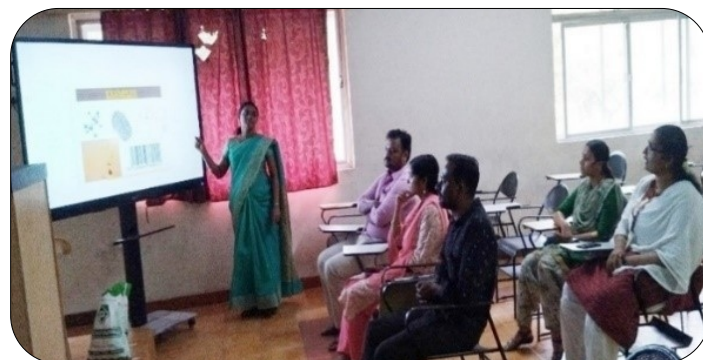
seminar was honoured to have Dr. B. Chidhambara Rajan, Director of SRM VEC, as the keynote speaker. A significant facet of the event was the felicitation speech by Dr. Murugan M, Principal of SRM VEC. Dr. P. Rajaram, the Head of the Institute of Engineers in Puducherry, was the distinguished guest at the seminar. Dr. S. Kannan, the Head of the Institute of Engineers in Tamil Nadu also added valuable insights in his address. In addition Mr. S. Ramsundar, the Managing Director of HebeSec Technologies Private Limited, also delivered a few hands on sessions related to cyber security. The seminar concluded with a heartfelt thank-you speech by Ms. K. Nandhashree, Assistant Professor. The seminar provided an insight into how cybercrime occurs and how to prevent and protect us from those crimes.

The SRM Valliammai Engineering College, White Hatians Students Club organized a 'Cyber Awareness Programmes' event on 18th November, 2023, at the SRGDS Matriculation Higher Secondary School, Tiruvannamalai. In this programs, more than 300 students participated and gained insight knowledge into the cyber security practices. The awareness session was handled by Dr. M. Senthil Kumar, Professor and Head of Cyber Security department. The awareness session covers the brief overview of the importance of cyber security, an insight of online safety, understanding phishing risks, and responsible social media use and it also covers the preventive measures that is to be taken to prevent cyber related threats and attacks. The awareness session provided valuable information and insights to the school students, benefiting them for their future endeavors.



White Hatians Students Club organized "Cyber Awareness Programmes"

The Department of Cyber Security, conducted a five day Faculty Development Programme on 'Social Network Analysis and Pattern Recognition' for the teaching staff of departments from 18th December 2023 to 22nd December 2023 in hybrid mode. Dr. M. Senthil Kumar, Head of the Department was the Convener of the event. Ms. S. Tamilselvi, Assistant Professor and Ms. K. R. Nandhashree, Asst. Prof. from Cyber Security department were the Coordinators of this Faculty Development Programme. The first three day's session were handled by the resource person Mr. V. G. Jeyasurya, Security Analyst, Securin



FDP on 'Social Network Analysis and Pattern Recognition'

Inc., IIT Madras Research Park Chennai, and the sessions on day four and five were handled by Ms.K.R.Nandhashree, Asst. Prof. and Ms.S.Tamilselvi, Asst. Prof.. The teaching staff from various departments including Cyber Security, Information Technology and Computer Science and Engineering attended the FDP and utilized the sessions in a fruitful way. The hands-on sessions and lectures delivered with interactive training equipped the participants with better practical understanding to develop their domain knowledge. The FDP included a combination of lectures, case studies, interactive discussions, and hands-on exercises. Participants had the opportunity to engage in practical activities and explore real-world scenarios related to Social Network Analysis and Pattern Recognition. Relevant industry examples and best practices were shared to enhance understanding and applicability. The last day ended with a valedictory function and feedback from the participants.

Dr. M. Senthil Kumar, Professor and Head Dept of Cyber Security was the resource person of the guest lecture topic on 'Applications of signals and systems' for the students of Karpaga Vinayaga College of Engineering and Technology, Chennai on 2nd December, 2023. The guest lecture provided a comprehensive overview of the applications of signals and systems in diverse fields. The attendees gained valuable insights into the practical implications of these concepts in real-world scenarios.



Guest Lecture on 'Applications of signals and systems'

Visit to BSNL Training centre, Meenambakkam on 28th December 2023. 56 Students of II year Cyber Security accompanied by Staff members Mr.S.Giridharan, Assistant Professor and Ms.M.Raghavi, Assistant Professor went on an industrial visit. Rajiv Gandhi Memorial Telecom Training Centre is one of the prime training centres of BSNL in Tamilnadu telecomm circle. The Centre is an ISO 9001:2008 Certified Institute. The Institute is constantly making endeavors to provide customized as well as tailor made quality training to the outside agencies in the field of Mobile Communication, Optical Fibre Communication, Fibre optics and IP Addressing, Broadband, WiFi, WiMax etc.



Industrial Visit to 'BSNL Training Center', Meenambakkam

In switching module, students learnt the practical aspects of call making and receiving. They were briefed about how to create the calling number and how to check the dial tone. In transmission module, students were briefed about fiber-optic communication and its uses, advantages, applications. The students were shown the real cables and its working procedure. In the main distribution frames module, students learnt about the requirement of main distribution function. They were informed about line side and exchange side of main distribution frames. They were shown the functioning parts of distribution unit to the students.

Department of Electronics and Communication Engineering

The Department of Electronics and Communication Engineering conducted the 19th National level Technical Symposium on 4th November 2023 in association with the ISTE, IIPC & IETE Students Forum. Mr.Vigneshwaran.S, Final Year ECE Student, President - TARAS 2K23 delivered the welcome address. The highlights of the Symposium was given by Ms.Abinaya.R, Final Year ECE Student, Secretary TARAS 2K23. The Presidential address was delivered by Dr.Murugan.M, Principal SRM VEC. The introduction of the Chief Guest was given by Mr.Lingeshwaran.P, Final Year ECE Student and Treasurer TARAS 2K23. Dr. Komala James,



National level Technical Symposium - TARAS 2K23

Professor, Head of ECE department, Convenor-TARAS-2K23 along with principal welcomed and honoured the chief guest. The Souvenir of the symposium was released by the Chief Guest to mark the beginning of the Symposium. The Symposium was inaugurated by the Chief Guest Mr.Ganeshbabu.M, Sub-Inspector of Police, Special Branch, Kanchipuram District, the 2009 Alumnus of SRM VEC. In his speech, he insisted on the importance of hard work, consistency and perseverance in order to achieve one's goal, and being a responsible police officer, he further went on to spread awareness among the youngsters about the impacts of bike racing and stunts done in highways and their hazardous impacts on general public and to an individual's life. He also presented a visual on drug addiction among youngsters, 'Mounam Kalaivom' and persuaded students not to indulge in any such drug abuse. Various committees were

Student Affairs Committee



IELTS and GRE training

The Student Affairs Committee of SRMVEC organized an orientation programme for IELTS and GRE training on 31st October 2023 between 2.30P.M - 3.45P.M in New Seminar Hall. Mr. Lakshmi Narayanan, Executive Director, Education Matters and his team delivered about the opportunities in higher education in countries abroad for all the department students. He briefly explained the eligibility requirements and the scholarship details for the higher education in Canada, Singapore, US and other European countries to the students. He provided insight about IELTS and GRE training and learning of other foreign languages to students.

This seminar was organized for the benefit of students to provide career guidance on higher education in abroad universities by qualifying in the exams conducted for specific countries. The training is to be provided for interested students willing to pay refundable deposit to Education Matters, An Overseas Consulting company. The Coordinators of SAC Dr.N.Usha Bhanu, Prof & Head MDE, and Dr.M.Senthil Kumar Prof & Head CYS with the support of other department coordinators organized the seminar effectively. The students clarified their doubts regarding entry criteria, fee structure and Scholarship details from the resource person. Totally, 61

students from different UG departments participated and benefited from the orientation programme.

The Student Affairs Committee of SRMVEC organized a wellness awareness seminar on Health and Nutrition on 8th November 2023 between 10.30A.M to 11.45 A.M in New Seminar Hall. Ms. Lakshmi Priyadharshini, Chief Dietician and HoD, SRM Medical College & Research Hospital provided guidance for maintaining healthy nutritional practices through millets and benefits of exercise for fitness. She briefly explained the various available millets and types with its nutritional values. The second resource person Ms. S. Shenbagavadivu, A.P (Sel.G) spoke about the maintenance of healthy nutrition through millets and proper schedule of exercises.

This seminar was organized for the benefit of students to provide guidance on maintaining healthy lifestyle through good nutrition and wellbeing of the individual through proper exercises and diet. The Coordinators of SAC, Dr.N.Usha Bhanu, Prof & Head MDE, and Dr.M.Senthil Kumar Prof & Head CYS with the support of other department coordinators organized the seminar effectively. The students clarified their doubts to the resource person. Totally, 112 students from different departments participated and benefited from the wellness seminar.



Wellness awareness seminar on Health and Nutrition

formed for the following events such as Pages to Podium, Tech Whiz, Bits and Ambits, Connex, Circuit Debugging. The above events were conducted and cash prizes were given to the winners. Mr. Devisri.B, Third year Student, Vice-President, TARAS 2K23, proposed the Vote of Thanks. The symposium was successfully conducted under the guidance of Dr. Komala James, Professor, Head of ECE department, Convenor-TARAS-2K23. The overall symposium was coordinated by Dr. Subhashini.N, Assistant Professor (Sel.G) and Mr. Pandian.A, Assistant Professor (Sr.G).

The Department of Electronics and Communication Engineering conducted the workshop on 'Cadence EDA Tools' on 2nd November 2023 in association with the ISTE, IIPC & IETE Students Forum. The Presidential address was delivered by Dr. Komala James, HoD/ECE, SRM VEC. The introduction of the Chief Guest was given by Dr. N. Jothy, Assistant Professor/ECE.



Workshop on 'Cadence EDA Tools'

The workshop was conducted by the Resource person Mr. V. Navaneethakrishnan, senior field application Engineer, Entuple Technologies Private Limited. In his speech he delivered importance of VLSI and various opportunities in VLSI field. Mr. S. Senthil Murugan, Assistant Professor/ECE delivered the Vote of Thanks. The workshop was successfully conducted under the guidance of Dr. Komala James, Professor, Head of ECE department. The overall workshop was coordinated by Mr. S. Senthil Murugan Assistant Professor and Dr. N. Jothy, Assistant Professor.

Mr. S. Marirajan, Assistant Professor in the Department of Electronics and Communication Engineering, organized an industrial visit for second-year ECE students to Sakthi Transformers in Chennai on December 28, 2023. Two faculty members, Dr. N. Jothy, Assistant Professor (Sr.G)/ECE, and Mr. A. Pandian, Assistant Professor (Sr.G)/ECE accompanied them. During the visit, students had the opportunity to explore the diverse range of transformers manufactured by the company, which included Power Transformers, Furnace Transformers, Distribution Transformers, Current Transformers, and Potential Transformers. This extensive



Industrial visit to Sakthi Transformers

display showcased the company's proficiency in meeting the varied needs of both industrial and household sectors. The industrial visit provided insights into the economic aspects of the manufacturing process, allowing students to understand how different elements contribute to the overall cost structure.

Dr. S. Ramesh, Professor published a paper titled 'Low-profile Circularly Polarized Conformal Antenna Array with Side Lobe Suppression for Vehicular SATCOM Applications' in ACES (SCI) Journal during the month of November 2023.

Dr. C. Saravanakumar, Assistant Professor (Sel.G), Dr. N. Subhashini, Assistant Professor (Sel.G) and Dr. Komala James, Professor published IEEE conference paper titled 'Smartsense: An Intelligent Assistive System for Typhlotic Individuals using Raspberry Pi' in International Conference on Systems, Computation, Automation and Networking during the month of November 2023.

On 1st December, 2023, Professor Dr. S. Ramesh successfully conducted the viva-voce examination for his scholar, Syedakbar. S, who defended his thesis titled 'Design and Performance Evaluation of MIMO Antennas for Vehicular Communication'.

On December 21, 2023, Professor Dr. G. Udhayakumar successfully conducted the viva-voce examination for his scholar, Lokesh. S, who defended his thesis titled 'Detection and Diagnosis of Atrial Fibrillation in ECG Signals Using Deep Learning Approaches'.

Dr. C. Saravanakumar, Assistant Professor (Sel.G) and Dr. N. Subhashini, Assistant Professor (Sel.G) submitted a funded project proposal titled 'Sound Shield: Fortifying Data with DNA Inspired Audio Encryption' during the month of December to Research Initiative Seed Fund Scheme.

Dr. G. Udhayakumar, Professor submitted a funded project proposal titled 'Development of Automated system for screening of Atrial Fibrillation Diseases using ECG Signals' during the month of December to Research Initiative Seed Fund Scheme.

Jothy. K, Nelavu V, III year ECE won Gold Medal in Basket Ball tournament conducted from 7th November 2023 to 8th November 2023 at Surya Engineering College, Villupuram

Galla Venkata Satya Lokesh Dharmendra, Gavara Girish, Gavara Divakar, Vamsi, Kotana Hemapradeep of III year ECE won a Gold medal in Basket Ball Men tournament conducted on 11th October 2023 at SRM Valliammai Engineering College.

Galla Venkata Satya Lokesh Dharmendra, Gavara Girish, Gavara Divakar, Uggina Vamsi, Kotana Hemapradeep of III year ECE secured the 3rd place in 1st senior inter district basketball championship conducted on 19th November at Acharya Nagarjuna University, Andhra Pradesh.

Devi Sri. B of III year ECE participated in G20 New Delhi leadership declaration and emerging world order event conducted on 15th November 2023 at Anna University

Mummadi Swetha, Chevuru Madhumitha, Kavali Thanuja and Vuyyala Suchithra won the third place in State Level Tournament conducted from 8th December to 10th December at Ananthapur District, Andhra Pradesh.

Mukkapati Likitha of III year ECE participated in Ball Badminton conducted on 8th December to 10th December, 2023 at Ananthapur District, Andhra Pradesh.

Mummadi Swetha, Chevuru Madhumitha, Kavali Thanuja, Mukkapati Likitha, Palli Bhavani and Vuyyala Suchithra won the third place in Anna University Inter Zone Tournament conducted on 30th December, 2023 at PSNA, Dindugul.

Department of Electrical and Electronics Engineering

The department organized a Guest Lecture on the topic 'Integration of Renewable Energy Sources into Grid' on 4th October 2023. The Resource person was Dr.Raju Abraham, Scientist-G, National Institute of Ocean Technology, Chennai.



Guest Lecture on 'Integration of Renewable Energy Sources into Grid'

The department organized a Science Project Expo 'Techno Sparkz' for school students of classes 9,10,11 and 12 on 12th October 2023. The Science projects were judged by our Chief Guest Mr. S. Shrivathsan, Senior Associate Projects, Team Lead, Cognizant.



Science Project Expo 'Techno Sparkz' for school students

The department organized the 13th National Level Technical Symposium on 'Emerging Technologies in Electrical and Electronics Engineering (EMERGE 2K23)' on 14th October 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. The Chief Guest was Ms.M.Dhanalakshmi.M.E., (Manager) BHEL Power Sector Southern Region-Chennai.



National Level Technical Symposium - EMERGE 2K23'

Second year EEE students attended Industrial visit in V Equal IR T& C Service, Mugappair, Chennai on 24th November 2023.



Industrial Visit to V Equal IR T& C Service, Mugappair, Chennai

The department organized a Guest Lecture on the topic 'Functional Safety in Automotive Electronics' on 14th December 2023. The Resource person was Mr.Vignesh Natarajan, Team Manager-Product safety, Valeo India Pvt Ltd, Chennai.

Dr.K.Elango, Professor & Head completed an NPTEL course on 'Smart Grid: Basics to Advanced Technologies' and 'Transducers on Instrumentation'.

Dr.R.Karthik, Professor and Head R & D completed an NPTEL course on 'Patent Drafting for Beginners'.

Dr.G.Madhusudanan completed the SWAYAM Online Course Certification Course on 'Introduction to Intellectual Property' and 'Managing Intellectual Property in Universities'.

Ms.S.Vanila, AP(Sel.G) completed an NPTEL course on 'Patent Drafting for Beginners' and 'Introduction to Machine Learning'.

Ms.R.V.Preetha, AP(Sr.G) completed an NPTEL course on 'Transducers on Instrumentation'.

NPTEL Local Chapter SRM Valliammai Engineering College

Nearly 64 students and 62 Faculty members successfully completed the NPTEL online examination during the period October - December 2023 from SRM Valliammai Engineering College NPTEL Local Chapter.

Our college was recognized as NPTEL Active Local Chapter based on the performance of participation of online certification for July- December 2023 session.

Dr B Muthusenthil, Professor and Head, AI&DS, Ms. M. Arthi, AP / ECE, Dr. C. Amali, AP / ECE, Dr. N. Subhashini, AP / ECE, Mr. R. Issanraj, AP / EIE, Ms. S Suma AP / CSE, Mr. S. Ashok Kumar AP / IT (2 Subjects) and Mr. K R Ganesh AP / EIE were the toppers in NPTEL online courses during the period October - December 2023.

Ms. Sivaranjini, Agri and Ms. Aafrin Nisha, IT were the Toppers in NPTEL online courses during October to December 2023.

Mr Sattainathan Sharma AP / Civil received the Mentor certificate for the NPTEL online course - Advanced Reinforced Concrete Design during October - December 2023.

Ms. A. Umadevi, AP / MBA, received the NPTEL Discipline Star Award in Management Discipline for the session July - December 2023

NCC



NCC Naval Cadet Sabir Hussain A, III year Mechanical won the Gold Medal

An NCC Naval wing cadet Sabir Hussain.A attended the NSC LAUNCH Camp at HQ. NCC Pudhucherry from 4th October 2023 to 14th October 2023.

An NCC Naval wing cadet Sabir Hussain.A attended the All India Nau- Sainik Camp at INS Shivaji, Lonavala from 14th October 2023 to 25th October 2023.

NCC Naval Cadet Sabir Hussain A, III year Mechanical won the Gold Medal in NCC Service Subject in All India Nau- Sainik Camp at INS Shivaji, Lonavala from 14th October 2023 to 25th October 2023.

Around 26 NCC Naval wing Cadets attended the NTAC 2023 at INS Valasura, Jamnagar and INS Shivaji from 23rd September 2023 to 3rd October 2023.

Two NCC Naval Wing Cadets attended the CATC 2023 at Jeepiar College of Engineering from 24th December to 4th January 2024.

Two NCC Naval SD cadets were shortlisted and attended the National level camp TRG I NSC at NCC Group Hq. Pudhucherry from 04th September 2023 to 13th September 2023.

Cadet Prithvi B bagged two Gold Medals in Fire Competition held in All India Thal Sainik Camp October 2023.

An NCC Army Wing Cadet Albert Joe T J participated in IGC-RDC LAUNCH CAMP at Air Force Station from 02nd October 2023 to 11th October 2023.

An NCC Army Wing Cadet Albert Joe T J participated in IGC-RDC CAMP at Idaiyapatti, Madurai from 11th October 2023 to 20th October 2023.

An NCC Army Wing Cadet Albert Joe T J participated in RDC TRG I CAMP at Idaiyapatti, Madurai from 21st October 2023 to 30th October 2023.



Cadet Prithvi B bagged two Gold Medals in Fire Competition

Department of Electronics & Instrumentation Engineering

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

The Second Year U.G students of the Dept of EIE visited Metro water Desalination Plant, Nemmeli on 17th November 2023.



Nemmeli, Tamil Nadu, India
P63F+97X, Kovalam Rd, Nemmeli, Tamil Nadu 603104, India
Lat 12.702587°

Metro water Desalination Plant, Nemmeli

The Final Year U.G students of the Dept of EIE visited the following industries on 02nd November 2023 & 03rd November 2023. (i) HMT Machine tools, Bangalore, (ii) Surya Instruments and Control Engineers, Bangalore, (iii) Kaynes Technology, Mysore, and (iv) Railway Museum, Mysore.



Bengaluru, Karnataka, India
362V+952 HMT Colony HMT Estate, Lalabali, Bengaluru, Karnataka 560013, India
HMT Machine Tools, Bangalore



Bengaluru, Karnataka, India
Surya Instruments & Control Engineers, 59, 5th Cross Rd, Malagala, 2nd Stage, Naagarabhaavi, Bengaluru, Karnataka 560072, India
Lat 12.978153°
Surya Instruments and Control Engineers, Bangalore



Mysuru, Karnataka, India
Railway Museum, Mysore

Department of Artificial Intelligence & Data Science

Department of Artificial Intelligence and Data Science conducted the very First National level technical symposium 'Altruix'23 on 7th Oct 2023, in association with CSI-SRM VEC Student Branch, ISTE chapter and IIC. The event was coordinated by Mrs. R. Deepa, Assistant Professor, Mr.R.Sankaranarayanan, Asst. Prof. and was convened by Dr.B. Muthu Senthil, prof, HOD/AI&DS. Mr. Chandran Krishnan, Managing Director and CEO of Campus Angels Network, Principal Advisor to the SSN Incubation Foundation was the chief guest of the event. 270 students (170 External & 100 Internal) from various colleges registered and participated in many technical and non-technical events like Techno-Think, Tech Fusion, Code and Tackle, Riddle Arcade and Film Fiesta.



Technical Symposium 'Altruix'23'

Department of Artificial Intelligence and Data Science signed an MoU on 7th Oct 2023 with 'Campus Angles Network (CAN) Private Limited' established a framework for collaboration and partnership between SRM VEC and CAN to support the development and growth of startups affiliated with SRM VEC. The partnership activities which were discussed in the meeting were mentorship, funding opportunities up to Rs



MoU with 'Campus Angles Network (CAN) Private Limited'

100 lakhs.

Department of Artificial Intelligence and Data Science



Seminar on 'Entrepreneurship and Abroad Opportunities for Higher Studies'

organized a seminar on 20th Oct 2023 Titled 'Entrepreneurship and abroad Opportunities for Higher Studies' Resource person 'Prof. Surendran' Director & CEO Immense Immigration and Educational Services, Chennai.

Department of Artificial Intelligence and Data Science organized an Industrial Visit for Second year (III SEM) students



Industrial Visit to RETECH Solutions Pvt Ltd., Chennai

to RETECH Solutions Pvt Ltd., Chennai, on 27th Oct 2023.

Department of Artificial Intelligence and Data Science organized an Industrial Visit for Third year (V SEM) students to Radio Astronomy Centre, Lams Automation Private Limited,



Industrial Visit to Chocolate Factory, Ooty

Benchmark Tea Factory and Chocolate Factory, Ooty, on 27th Oct 2023 & 28th Oct 2023.

Dr.B. Muthu Senthil, prof, HOD/AI&DS, presented a paper titled 'Smart Phone Based Autonomous Vision Enabled Waste Segregator' in International Conference on Electrical, Electronics, Computer, Civil and Mechanical Engineering (ICEECME-2023), Anuradhapura, Sri Lanka, on 20th and 21st Nov 2023.

Anapalli Arjun, and Sathishkumar B, second year (III SEM) students, won the 2nd place in 'Igniting Minds', a paper presentation held on 3rd Nov 2023, at Sri Sairam Engineering College.

Anapalli Arjun, Blessy S, second year (III SEM) students, won the 2nd place in the Hack blitz, a national-level tech fest held on 16th Nov 2023 at Sri Sairam Engineering College.

Sathishkumar S, Udhaya Prakash M, and Varman N, second year (III SEM) students, won the 1st place in the Sai Auto'23, a paper presentation held on 23rd Nov 2023 at Sri Sairam Engineering College.

Raahul Eshwar A, second year (III SEM) students, won the 2nd place in the SAI AUTO'23, a paper presentation held on 23rd Nov 2023 at Sri Sairam Engineering College.

Sathishkumar S, Udhaya Prakash M, second year (III SEM) students, won the 1st place in a Prototyping Extravaganza, an event held on 17th Nov 2023 at Sri Sairam Engineering College.

Sanjaikumar B, final year (VII SEM) student, Data Analyst Virtual Internship for 45 days at Meri Skill got the internship completed certificate on 11th Nov 2023.

Department of Artificial Intelligence and Data Science organized a Five-day FDP on BD2AI - Bigdata Analytics and Artificial intelligence the Resource person was Dr. Denis Ashok / VIT Vellore, from 11th Dec 2023 to 15th Dec 2023.

Dr.R. Deepa, Asst. Prof., Department of Artificial Intelligence and Data Science was invited as a Resource person for Guest Lecture titled 'No-SQL Database', SRM TRP Engineering College, Trichy from 20th Dec 2023.



Industrial visit to Crescendos Private Limited, Chennai

Department of Artificial Intelligence and Data Science organized an Industrial visit for the faculty to Crescendos Private Limited, Chennai, on 15th Dec 2023.

Dr.R. Deepa, Asst.Prof and Mr.R. Danu, Asst.Prof Department of Artificial Intelligence and Data Science published a book 'Artificial Intelligence and Robotics: Shaping the future Together', Well Tech International Publishing House, ISBN/ISSN No: 976-81-962807-7-2.

Department of Information Technology

Dr.D.Sridevi, A.P(Sr. G) published a paper titled 'Progress and Innovations in Artificial Intelligence and Machine Learning' at Imaginex Inks Publications.

Dr.S.Sekar, A.P(Sel.G) filed a patent titled 'AI and IoT based predictive maintenance mentally challenged people to ensure sensors' at Office of the controller general of patents, designs, and trademarks, Ministry of commerce & industry, Government of India.

Dr.D.Sridevi, A.P(Sr. G) filed a patent titled 'A study on recent research outcomes and the latest technologies in the health care management' at Technology and Innovation Management, 2023 ESN Publications Chennai.

Dr.D.Narayanan, Asso. Prof. published a paper titled 'Visible property enhancement techniques of IoT cameras using machine learning techniques' at Int. J. Nanotechnology., Vol. 20, Nos. 5/6/7/8/9/10, 2023.

Ms.S.Shenbagavadivu, A.P(Sel.G) published a Tamil article titled 'ChatGPT' for Poriyari, Tamil Magazines VEC.

Ms.S.Shenbagavadivu, A.P(Sel.G), Department of IT, delivered a lecture on the topic 'Benefits of millets for fitness and wellbeing' on 8th November 2023 in the workshop organized by Students Affairs Committee of SRMVEC.

Ms.R.Anbuvizhi, A.P, participated in the FDP 'Building Advanced Data Analytics Applications with Cloud' organized by Next Gen Employability Program, AICTE held from 18th December 2023 to 22nd December 2023.

Dr.D.S.Sekar, A.P(Sel.G) participated in the conference 'Solar panel power prediction using machine learning Technique' organized by Sri Sairam Engineering College, Chennai held from 14th December 2023 to 15th December 2023.

Dr.D.Sridevi, A.P(Sr. G) participated in the conference 'Virtual Personal Assistant by using hand gesture and voice assistant for disabilities' organized by Sri Sairam Engineering College, Chennai held during 14th to 15th December 2023.

Dr.D.Sridevi, A.P(Sr. G) participated in the conference 'Breast cancer classification using fine needle aspiration test with graphical neural networks in deep learning' organized by Sri Sairam Engineering College, Chennai held from 14th December 2023 to 15th December 2023.

Ms.S.Sandhya, A.P participated in the FDP 'Pixels to Predictions: Machine Learning in Medical Imaging' organized by VIT, Chennai held from 11th December 2023 to 15th December 2023.

Ms.S.Shenbagavadivu, A.P(Sel.G) completed the 'Inculcating Universal Human Values in Education' Online FDP organized by AICTE held from 4th December 2023 to 8th December 2023.

Ms.I.Kavitha, A.P(O. G) completed the 'Inculcating Universal Human Values in Education' Online FDP organized by AICTE held from 4th December 2023 to 8th December 2023.

Ms.B.Ahamed Samathani, A.P(O. G) completed the 'Inculcating Universal Human Values in Education' Online FDP organized by AICTE held from 4th December 2023 to 8th December 2023.

Ms.U.Chindiyababy, A.P(O. G) participated in the FDP 'Cyber Intelligence and Awareness on Social Media Security V2.0' organized by Department of Computer Application and Science, Institute of Engineering & Management, Kolkata held from 27th November 2023 to 1st December 2023.

Ms.S.Sandhya, A.P(Sr.G) participated in the FDP 'Applications of Generative AI' organized by Naan Mudhalvan - Tamilnadu Coders Premier League hackathon (NM-TNcpl) in association with GUVI held from 17th to 18th Nov. 2023.

Ms.S.Sandhya, A.P(O.G) participated in the seminar 'The G20 New Delhi Leadership Declaration and the Emerging World Order' organized by Anna University, Chennai held on 15th November 2023.

Mr.M.Asan Nainar, A.P(Sel.G) participated in the FDP 'Theory Building and Contributions in Research' organized by Faculty of Management, SRM IST, Vadapalani held on 6th November 2023.

Dr.S.Narayanan, Asso.Prof. participated in the conference 'An Automated Surveillance System for Offline Examination' organized by Department of Mechatronics Engineering, Hindusthan College of Engineering and Technology held on 3rd November 2023.

Dr.S.Sekar, A.P(Sel.G) participated in the conference 'Deep Learning based PI Bot for home security' organized by Department of Mechatronics Engineering, Hindusthan College of Engineering and Technology held on 3rd November 2023.

Dr. D. Sridevi, A.P(Sr.G) participated in the conference 'IOT Watch Guard Smart Safety System for Pedestrains' organized by Department of Mechatronics Engineering, Hindusthan College of Engineering and Technology held on 3rd Nov. 2023.

Mr.Suresh Kumar S, A.P(Sr.G) participated in the conference 'Emergency Vehicle Detection Using Deep Learning Technique' organized by Department of Mechatronics

Engineering, Hindusthan College of Engineering and Technology held on 3rd November 2023.

Ms.S.Shenbagavadivu, A.P(Sel.G) participated in the webinar 'Tools for Research Excellence' organized by Presidency University, Bengaluru, Karnataka held on 19th October 2023.

Ms.U.ChindiyaBaby,A.P(O.G) participated in the FDP 'Recent Trends in Artificial Intelligence and Machine Learning for Smart Computing' organized by Institute of Engineering and Management, Kolkata held during 9th October 2023 to 13th October 2023.

Ms.S.Shenbagavadivu, A.P(Sel.G) was awarded a certificate for the translation of NPTEL Course 'Programming Data Structures and Algorithms' in Tamil on 4th October organized by the NPTEL.

Ms.S.Shenbagavadivu, A.P(Sel.G) received a certificate for reviewing the journal titled 'International Journal of Plant & Soil Sciences 2023' held on 5th December 2023.

Ms.S.Shenbagavadivu, A.P(Sel.G) secured Elite + Silver Medal certificate on 'Machine Learning' organized by NPTEL held during July 2023 to October 2023.

Ms.S.Shenbagavadivu, A.P(Sel.G) secured certificate with Elite in the 'Deep Learning' organized by NPTEL held during July to October 2023.

Ms.S.Shenbagavadivu, A.P(Sel.G) received a certificate on 'Ethical Hacking in Tamil Language' organized by Udemy held on 23rd October 2023.

Dr.Sekar.S, Ms. Kannagi. L, Mr. Mohaideen, and Mr.Vivekanandan.G, published a book titled 'Object oriented programming using Java' during the Academic Year 2023-2024.

Mr.Sabaribalasundar.S and Ms.Sanjana.B, IV Year IT2 were runner up and they were awarded Memento for the runner-up for the problem statement on 'Sentiment Analysis of Incoming Calls on Helpdesk which was held at Chandigarh Engineering College held during 19th to 20th December 2023 organised by AICTE Smart Indian Hackathon 2023.

YRC

The Program Officer of YRC Mr. G.Ananth, attended the Orientation Program, conducted especially for the Program Officers of various colleges, on 23rd Dec 2023, at the Rajam Hall of MIT Chromepet. The event was conducted as per the schedule attached herewith. The excerpts of the program are;

■ Orienting the New YRC Program Officers; ■ Motivating the Old YRC Program Officers ■ Highlighting the Important Features of the YRC ■ First AID Demonstration & ■ Importance of Blood Donation

The programme concluded with the certificate distribution to the YRC Program officers.



Orientation Program for the YRC Program Officers

An Investment Literacy Program was successfully conducted at the Admin Block Seminar Hall on 9th Nov 2023, Thursday, from 2.15 pm to 3.50 pm. As approved, an expert speaker Mr. Francis Felix Joseph, Financial Education Counsellor, from ICICI Foundation, gave a presentation on the following topics,

■ PHISHING ■ VISHING ■ Bank Frauds ■ Online Frauds ■ Financial Safety ■ Investment Options ■ Insurance Options ■ CIBIL ■ Financial Goal Setting

92 YRC volunteers of first year IT1 and IT2, attended the training programme and the program concluded with a vote of thanks by the programme officer.

An Emergency First Aid Training Program was successfully conducted at the Admin block seminar hall on 5th Oct 2023, Thursday, from 2.15 pm to 3.50 pm by an NGO named 'Raksha ERT'. A certified trainer Mr. Parthasarathy gave a live

demonstration on the following topics as part of the Emergency First Aid Training Program,



Investment Literacy Program

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

The YRC volunteers of first year 120 students, attended the training programme and the program concluded with a vote of thanks by the programme officer.



Emergency First Aid Training Program

EDITORIAL

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

Paarivendhar Manavar Tamil Mandram

Mariamman Temple Association organized a Pattimandram show on 7th Oct 2023 on the topic குடும்பங்களின் மகிழ்ச்சிக்கு பெரிதும் காரணமாக இருப்பது கணவனா? மனைவியா? Dr.K.Shanmugam, AP(Sr.G)/CSE participated in this programme at Attur in the event was judged by Pulavar Ramalingam, Pattimandram speaker and Orator in Tamil of the event.



Pattimandram on 7th Oct. 2023

The district level speech competition conducted by the DMK engineering team on 7th Oct 2023 on the occasion of Muttamizharinjar Kalaingar century birthday celebration. In this connection Paarivendar Students Tamil Mandram students participated and won the first prize and third prize at the district level. First Prize- Kaviya.S, 2nd year CSE (Rs. 10,000 prize money, Certificate and shield) Second Year Department of Computer Science Engineering (CSE). Third Prize Paranidharan, 2nd year Mech (Rs. 3,000 prize money, Certificate and shield). We are very happy to inform that the Minister of Small, Small and Medium Enterprises of the Government of Tamil Nadu T. M. Anparaasan gave away the prizes and certificates of appreciation to the students.



Student won the first prize and third prize - Muttamizharinjar Kalaingar century birthday celebration

Dr. K.Shanmugam, AP(Sr.G)/CSE delivered a Guest Lecture on Tamil Computing on 13th Oct 2023 organized by Tamil Development Department, TN Govt at Loganatha Narayanasamy



Dr. K.Shanmugam, AP(Sr.G)/CSE delivered a Guest Lecture on Tamil Computing

Government College, Ponneri.

Dr.K.Shanmugam,AP/CSE, was honoured with the Abdul Kalam Award for his excellent service in education by Dr.Abdul Kalam Trust for Educational and Greenery on 15th Oct 2023.

Selvi S.Kaviya , CSE/II year, won the Second Prize in the Zonal level competition organized by Tamil Development for Engineering and Technology Department, Anna University, Chennai on 16th Oct 2023 and got Rs.7,000 cash award and merit certificate.

Ponniammam temple Association organized a Pattimandram show on 21st Oct 2023 on the topic “இன்றைய சூழலில் நமக்கு தேவை நிதியா? நிம்மதியா?” Dr.K.Shanmugam,AP(Sr.G)/CSE participated in this programme at Purasaiwalkam in where judge of the event was Pulavar Ramalingam, Pattimandram speaker and Orator in Tamil.

Dr. K.Shanmugam , AP(Sr.G)/CSE delivered a guest lecture on Tamil Computing on 09th November 2023 organized by Tamil Development Department,TN Govt at Pachaiyappa's College, Kanchipuram.

Every Thursday, different Tamil activities such as Speech Competitions, Poetry Competitions, and Debate Competitions were conducted by the Paarivendar Students' Tamil Association for developing the Tamil language skills to the students. In this regard, a Speech competition was conducted on 9th November 2023 and prizes were awarded for best performers.



Thursday Event (Oratorical Competition)

The SRM Valliammai Engineering College, Paarivendhar Student's Tamil Association conducted Tamil Competitions like Poetry, Speech and Quiz for the school students on 17th November 2023. The guest of the Event was Dr. Karunagarajan, President, Tamil Perayam, SRM IST. Dr.B.Chidhambararajan, Director, SRM VEC, Dr.M.Murugan, Principal, SRM VEC, Dr.S.Visalakshi, Vice Principal, SRM VEC and Dr.B.Vanathi, HOD/CSE participated in the event and congratulated the Tamil Mandram Team for organizing such a wonderful event. The first prize Rs.1500/-, Second prize Rs.1000/- and Third prize Rs.750/- was given to the prize winners.

Paarivendhar Students Tamil Association and Theentamil Members jointly organized a Pattimandram show on 23rd Nov



Bharathi Illakiya Vizha Pattimandram

2023 titled Bharathi Illakiya Vizha on the topic (பாரதி கண்ட கனவுகள் நிறைவேறி இருக்கிறதா? கனவாகவே இருக்கிறதா?) Dr.Komala James, HOD/ECE was the judge and Dr.K.Shanmugam, AP(Sr.G)/CSE, Dr.Thenmozhi, AP/AI&DS, Selvi Harini Preetha, IInd year/EIE, IInd year/CSE and Mr.Sankar Babu/ECE, Mr.Enneyan, Mr.Sakthi Raj of Theenthamil members participated in this programme.

Dr. K.Shanmugam , AP(Sr.G)/CSE delivered a guest lecture on Tamil Computing on 24th November 2023 organized by Tamil Development Department,TN Govt at Chengalpet Collector office.

Selvi S.Kaviya , CSE/II year, won the First Prize in the Zonal level competition organized by the political members of DMK Manavar Team on 27th November 2023 and received the Rs.10,000 cash award and merit certificate.

Selvi.S.Kaviya, II - CSE, participated in the Bharathiyar birthday celebration event at Governor Maligai and delivered a speech on Bharathiyar. She was appreciated by the Tamil Nadu Governor for her excellence speech on 11th December 2023.

Dr. K.Shanmugam, AP(Sr.G)/CSE delivered a guest lecture on Tamil Computing on 13th December 2023 organized by Tamil Development Department,TN Govt at Cuddalore Collector office.

SRM Tamil perayam sanctioned Rs.25,000/- for Tamil Mandram activities of our college.

Dr.K.Shanmugam, AP(Sr.G)/CSE published a Tamil Technical article in Dinamani on 18th December 2023.

Dr. K.Shanmugam, AP(Sr.G)/CSE delivered a guest lecture on Manudam Pottrum on 24th December 2023 organized by Tamil Development Department,TN Govt at Madurai.

Dr. K.Shanmugam, AP(Sr.G)/CSE delivered a guest lecture on Tamil Computing on 20th December 2023 organized by Tamil Development Department,TN Govt at Thiruvallur Collector office.

The SRM Valliammai Engineering College, Paarivendhar Student's Tamil Association and Central Institute of Classical Tamil jointly organized a tamil speech competition for our college students on 21st December 2023 for commemorating Bharathiyar's Birthday. The guest of the event was Dr. Jai Ganesh, Secretary, Tamil Perayam, and Head of the Tamil department, SRMIST. Dr.B.Chidhambararajan, Director, SRM VEC, Dr.M.Murugan, Principal, SRM VEC and Dr.B.Vanathi, HOD/CSE participated in the event and congratulated the Tamil mandram Team for the organizing the event. Central Institute of Classical Tamil funded Rs.20,000/- for this event. The funded money was given cash prizes to the winners of the competition.

Dr. K.Shanmugam , AP(Sr.G)/CSE delivered a guest lecture on Tamil Computing on 22nd December 2023 organized by Tamil Development Department, TN Govt.



Department of Medical Electronics

The Department of Medical Electronics organized the First National Level Technical Symposium MEDARZT'23 in association with IIPC, IIC, ISTE, IETE Student's forum & SRM VEC - CSI student branch, on 28th October 2023. Ms. S. Srija, III Year MDE student delivered the welcome address. The Presidential address was delivered by Dr. M. Murugan, Principal and Convener - MEDARZT'23 and honoured the

chief guest. The inaugural address was delivered by Ms.S.Swetha, Final Year MDE Student, and President MEDARZT'23. Dr.N.Usha Bhanu, Head of Medical Electronics department and Convener - MEDARZT'23 welcomed the gathering. The introduction of the Chief Guest was given by Ms. Raagapurani, II Year MDE. The Symposium was inaugurated by the Chief Guest Dr. Rathinam Raja, Professor, Department of Research and Development, Balaji Medical College, Chennai. In his speech, he mentioned that the engineering algae for sustainable production will make a huge difference in recent technological development. He highlighted



National Level Technical Symposium MEDARZT'23

how medicinal products and energy using seaweeds can help in human development. The Souvenir of the symposium was released by the Chief Guest to mark the beginning of the Symposium. Various committees were formed for Papers Scrutiny, Souvenir preparation, Website design and Promotion. 10 papers were scrutinized by the committee members and selected papers were presented by the students. 130 students participated in the following events and cash prizes were given to the winners.

■ Paper Presentation ■ Electronica ■ T-Quiz ■ Treasure Hunt ■ Box Cricket

Mr. M. Selvaraj, Assistant Professor, Symposium Coordinator, MEDARZT'23, proposed a Vote of Thanks. Over all the symposium was coordinated by Mr. M. Selvaraj, Assistant Professor & Ms. V. Venmathi, Assistant Professor.

Ms. V. Venmathi, attended one day Tech Talk titled 'Photonics Simulation with Ansys Lumerical' organized by the School of Electronics Engineering, Vellore Institute of Technology, Chennai on 17th November 2023.

Ms. P. Vanmathi, Assistant Professor, attended a five-day Online Faculty Development Programme titled 'Inculcating Universal Human Values in Technical Education' organized by All India Council for Technical Education from 4th December 2023 to 8th December 2023.

Dr. N. Usha Bhanu, Professor & Head, attended a five-day Faculty Development Programme titled 'Hands-on Sessions and Experts based on IoT Applications' jointly organized by the School of Electronics and Electrical Engineering, Vellore Institute of Technology, Chennai from 18th December 2023 to 22nd December 2023.

Ms. P. Vanmathi, Assistant Professor, attended a three-day Faculty Development Programme titled 'Applications of Artificial Intelligence for Electrical Systems' organized by the Department of Electrical and Electronics Engineering, St. Joseph's Institute of Technology, Chennai from 28th November 2023 to 30th November 2023.

Dr. N. Usha Bhanu, Professor & Head, attended Faculty Development Programme titled 'Emerging Trends in Artificial Intelligence and Deep Learning' organized by the Department of Electronics and Communication Engineering, Sri Sairam Institute of Technology, Chennai from 26th December 2023 to 30th December 2023.

Department of Management Studies

A Virtual Session on 'Unlocking India's Wealth Potential Navigating Equities, Mutual Funds and Equity Capital Markets' organized by All India Management Association held on 13th

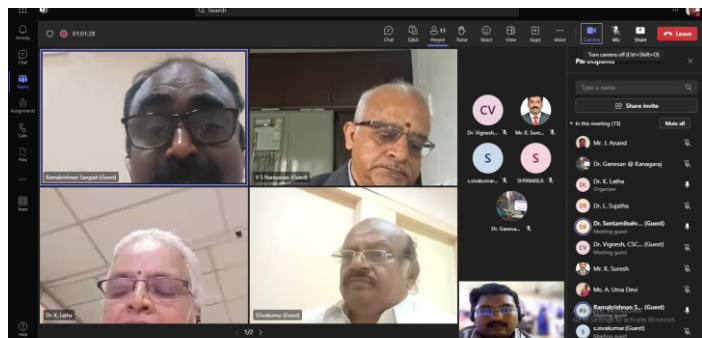
Oct 2023. The guest speaker of the event was Mr. Varun Sridhar, CEO, Paytm Money.

The Department of Management Studies, SRM Valliammai Engineering College, as a part of the curriculum, organised an industrial visit to Modine Thermal Systems Private Limited, Sunguvacharam on 1st November 2023. 56 students of II year MBA visited the industry and acquired practical experience on the production process, managerial functions and other operational activities of the industry and gained knowledge on the process.



Industrial visit to Modine Thermal Systems Private Limited, Sunguvacharam

A Virtual Workshop on 'Public Speaking Skills' a programme by All India Management Association was organized on 17th November 2023. Ms. Yuvika Gupta, Mindset Shifting Coach & Speaker addressed the audience. I& II year MBA students and faculty were benefitted.



Virtual Workshop on 'Public Speaking Skills'

A Online Session on 'Business Model Canvas' was organized by the department on 29th November 2023. Mrs. A. Umadevi, Asst. Prof. (Sr. Grade) delivered the lecture to I year and II year MBA students.

A Virtual Session on 'Cyber Security - Current and Future Challenges' a programme by All India Management Association, was organized on 30th November 2023. Mr. Hanan Szwarcbord, Vice President & Chief Security Officer, Information Technology, Micron Technology USA delivered the lecture.

A Online Session on 'A Powerful Digital Project Management Platform' a programme by All India Management Association was organized on 18th October 2023. Dr. Surendra Ahirwar, Joint Secretary DPIIT, Government of India was the speaker and delivered the lecture. I and II year MBA students and faculty gained knowledge on the digital perspectives of Project Management.

A Virtual Session on 'India Arrives: The Making of a new world Order' a programme was organized by All India Management Association was organized on 22nd December 2023. Mr. M. J. Akbar, Journalist, Politician, Writer & Former Minister of State for External Affairs addressed the audience virtually. The students and faculty of the department were benefitted from the programme.

Department of Mechanical Engineering

The Department of Mechanical Engineering in association with the Society of Automotive Engineers, Renewable Energy Club, Indian Society for Technical Education, Institution's Innovation Council and Industry-Institute Partnership cell organized a 6-day Faculty Development Program on 'Kinematics of Machinery and Finite Element Analysis' on 15th December 2023 around 13 faculty members, from our college participated in this Faculty Development Programme. The guest speaker was Dr.R.Bhoopathi, Associate Professor, Department of Mechanical Engineering, Sri Sairam Engineering College, and Chennai.



A 6-day Faculty Development Program on 'Kinematics of Machinery and Finite Element Analysis'

The Department of Mechanical Engineering in association with the Society of Automotive Engineers, Renewable Energy Club, Indian Society for Technical Education, Institution's Innovation Council and Industry-Institute Partnership cell organized an Alumni Guest lecture on 'Recent Trends in Automotive Materials' on 28th December 2023. Around 43 participants including faculty members, and students from our college participated in this Guest lecture. The guest speaker was Mr. D. Ramakrishnan, Sr. Manager, Mahindra Research Valley, Mahindra World City, Chengalpattu.



Alumni Guest lecture on 'Recent Trends in Automotive Materials'

Department of Chemistry

Dr. L. Devaraj Stephen, Assistant Professor (Sel.G) successfully completed an NPTEL Online Course on 'Water, Society and Sustainability' during October 2023.

Dr. S. G. Gunasekaran, Assistant Professor (O.G) was awarded the Certificate of Excellence in Reviewing in recognition of outstanding contribution to the quality of the journal by the Asian Journal of Research Biosciences, on 16th October 2023.

Dr. S. G. Gunasekaran, Assistant Professor (O.G) received an Elite certificate in NPTEL Online Course on 'Introduction to Basic Cognitive Processes' during October 2023.

Dr. S. G. Gunasekaran, Assistant Professor (O.G) received an Elite certificate in NPTEL Online Course on 'Stress Management' during October 2023.

Mr. V. Arivalagan, Assistant Professor (Sr.G) and Ms.M.Meera, Assistant Professor (O.G) successfully completed and received certificate in NPTEL Online Course on 'Advanced Transition Chemistry' during October 2023.

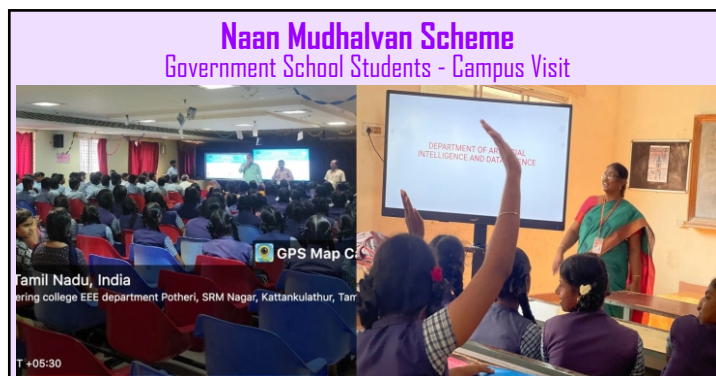
Dr. P. Maheswari, Assistant Professor (O.G) received an Elite certificate in NPTEL Online Course on 'Adolescent Health and Well-Being-A Holistic Approach' during October 2023.

Dr. J. Krishnamurthi, Assistant Professor (Sr.G), Dr.N.Jayaprakash, Assistant Professor (Sr.G), Dr.M.Soundarrajan, Assistant Professor (Sr.G), Dr.S.G.Gunasekaran, Assistant Professor (O.G) and Mr.V.Arivalagan, Assistant Professor (Sr.G) successfully participated in One Day International Webinar on 'Paper Based Electrodes Fabrication and Challenges' organized by Bharath Institute of Higher Education and Research, Chennai, on 3rd November 2023.

Dr.L.Devaraj Stephen, Assistant Professor (Sel.G) participated in Six Days Online Faculty Development Programme titled 'Recent Advancement in Smart Materials for Sustainable Energy Applications' from 20th November 2023 to 25th November 2023 organized by Sathyabama Institute of Institute of Science and Technology, Chennai.

Dr.J.Krishnamurthi (O.G) and Mr. T. Athimoolam, Research Scholar published a paper titled 'Synthesis, Characterization, Molecular Docking, and in Vitro Antidiabetic Activity Studies of New and Highly Selective Methoxy-Substituted Benzimidazole' in the Journal of Structural Chemistry, on 29th November 2023.

Dr.L.Devaraj Stephen, Assistant Professor (Sel.G) was awarded the Certificate of Participation for contributing the ideas towards realizing the vision of Viksit Bharat by 2047 by the Government of India, during December 2023.



On October 30, 2023, a group of 105 enthusiastic students and six accompanying staff members from government schools (SP Koil, Maraimalai Nagar, and Anjoor) paid a visit to our college campus through the Naan Mudhalvan scheme.

During the campus tour, the students had the opportunity to visit different departments, classrooms, libraries, laboratories, sports facilities, and other key areas. The enthusiastic interaction between our faculty members, volunteers, and visiting students added value to the experience. The students were curious and engaged, asking questions and showing keen interest in the educational and extracurricular offerings of our college.

National Service Scheme (NSS)

The NSS unit of SRM Valliammai Engineering College, with ExNoRa International, conducted a cleanliness program at Cancer Institute, Adyar, Chennai, on 1st Oct 2023. It was inaugurated by Mr. Shri Sanjay Kumar Verma, where he emphasized on cleanliness. The volunteers received T-shirts, cleaning equipments, and safety gear. Dr. S. Parthasarathy organized the volunteers into six groups for tasks following safety protocols. Waste disposal was carried out adhering to Chennai Corporation guidelines. Certificates were distributed by CBDT authorities during the closing ceremony.



Swachhata hi seva - cleanliness program

Anna University organized a two-day National Seminar on 'Interweaving Sustainable Development Goals through National Service Scheme' at MIT on the 3rd and 4th November 2023. 27 NSS volunteers along Dr. S. Parthasarathy, NSS Programme Officer of SRM Valliammai Engineering College Actively Participated in this seminar. Dr. G. Rajesh, the NSS coordinator, welcomed the participants. Dr. R. Velraj, Vice Chancellor, inaugurated the event, focusing on 'Empowerment through Education' and 'Community Health and Well-being.' Dr. J. Prakash, Registrar, emphasized the efforts of the NSS environmental conservation and sustainable urban development. Dr. R. Senthil Kumar, State NSS Coordinator, analyzed NSS impact on rural communities, while Dr. Sarah Karunakaran from ETI, Egmore, discussed population health and gender equality.



National Seminar on 'Interweaving Sustainable Development Goals

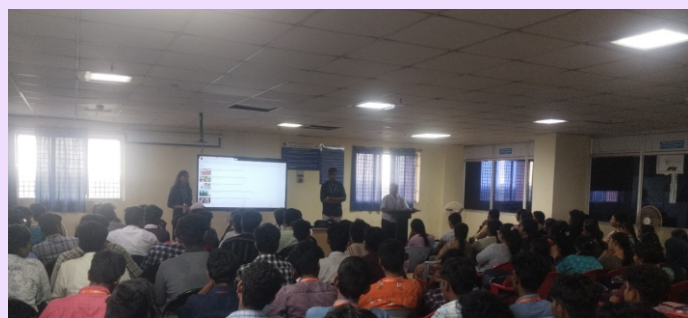
The District Level Selection for National Youth Festival 2023, organized by Anna University at Shree Padmavathy Venkateswara Engineering College, saw enthusiastic



National Youth Fest 2023

participation from SRM Valliammai Engineering College with 20 students, including NSS Volunteers and others, engaging in various competitions. The festival, supported by the Ministry of Youth Affairs and Sports, aimed to promote cultural expression and talent among youth nationwide. SRM Valliammai Engineering College students showcased their skills in solo and group folk dances, folk singing, mime, photography, story writing, and poster making. Following their success, selections for the National Youth Festival were held at Nehru Indoor Stadium, with SRM Valliammai Engineering College's NSS Programme Officer, Dr. S. Parthasarathy, serving as a jury member.

The NSS unit of SRM Valliammai Engineering College organized an AIDS Awareness campaign on December 1st, 2023, led by Dr. S. Parthasarathy, the NSS Programme Officer, who delivered an informative speech on AIDS transmission and prevention methods. Through group discussions, participants engaged in open dialogue, clarifying doubts and sharing perspectives. Interactive games and activities were incorporated to reinforce key messages on safe practices and preventative measures, actively involving attendees and promoting community awareness. The event effectively conveyed vital information about AIDS in an accessible manner, ensuring widespread understanding and fostering a sense of responsibility in combating its spread.



AIDS Awareness campaign

In response to Cyclone Michaung, the Tamil Nadu Government established relief centers to aid Chennai's flood-affected residents. SRM Valliammai Engineering College's NSS unit actively participated, deploying 10 volunteers led by Dr. S. Parthasarathy at Zone-14, Puzhuthiwakkam, Chennai on 7th December 2023. Volunteers loaded essential supplies onto trucks, distributing them to flood-affected areas, notably Pallikaranai, under government supervision. Dr. Parthasarathy and his team were commended by officials for their exemplary service, showcasing a strong commitment to community welfare and relief efforts in the aftermath of the cyclone.



Flood Relief

In response to the Michaung Cyclone's devastation in Chennai, the NSS unit of SRM Valliammai Engineering College partnered with Everside Foundation for a Blanket Drive on 8th

Dec. 2023. Sunland KTV Health Pvt Ltd generously donated 250 blankets valued Rs. 30,000. Focused on aiding the needy in Alinjivakkam Village and Red Hills, Chennai, the campaign distributed 125 blankets per location, facilitated by fifteen volunteers. This collaborative effort highlights the significant impact of collective action in disaster relief.



Blanket Drive

Dr. S. Parathasarathy, along with ten volunteers, attended the 'Naadu Nam Veedu' Rural Development Project Inauguration Ceremony at Anna University, Chennai, on 29th Dec 2023, from 5 pm to 8:30 pm. The 40 College Principals, 40 National Welfare

Program Officers, and over 200 students from Tamil Nadu participated in the programme. The special Guest was Himaya Jyoti Nirunna Swami, the Keynote address was given by Hon'ble Justice Dr. P. Jyotimani. Prof. Dr. R. Velraj, Vice Chancellor, of Anna University, gave the inaugural speech and Prof. Dr. J. Prakasam, Registrar, gave the Welcome speech. District heads like Dr. G. Santhanam, Mr. A. Pari, Mr.S.Machendranathan, and Mr.A.S. Rajan were also present at the ceremony.



'Naadu Nam Veedu' Project Inauguration

Department of Mathematics

The Mathematics Association 'EULER.COM' in association with IIC organized a Guest Lecture on the 'Transform Techniques and its Applications' on 31st October, 2023 for the second year students of SRM Valliammai Engineering College. The lecture was delivered by Dr.S.Prabhu, Associate Professor, Department of Mathematics, Rajalakshmi Engineering College, Chennai. The lecture started with the introduction of transforming techniques such as Laplace, Fourier and z transform. He briefed the students on signals and their classification.

The Mathematics Association 'EULER.COM' in association with IIC organized a Guest Lecture on the 'Calculus and its Applications' on 24th November 2023 for the first year students of SRM Valliammai Engineering College. The lecture was delivered by Dr.B. Janani, Associate Professor, Department of Science and Humanities, Rajalakshmi Institute of Technology, Chennai. The lecture started with the introduction of differentiation and Integration and various concepts with some basic formulas. She spoke about the various methods of differentiation, Integration formula and also the calculation and pictorial applications of multiple integrals like double and triple integrals with example problems.

Dr. S.Chitra, HOD /Asso.Prof, Dr. T.Isaiyarasi /AP(SI.G) and Ms. V. Nagarani /AP(O.G) published a paper titled, 'An efficient intelligent task management in autonomous vehicles using AllOT and Optimal Kernel adaptive SVM', Engineering Applications of Artificial Intelligence, Volume 126, November 2023.

Institution Innovative Council organized an interactive Session on 'Entrepreneurship and Innovation', on 21st December 2023 for the first year students. The lecture was delivered by Mr.Shriram Kumar, Founder and CEO, Circuit Makers Laboratory, Chennai. The lecture started with the basic ideas of 'How to start the circuit Laboratory'. Their mission is to shape the future of technology by empowering minds, fostering creativity and providing a platform for hands-on-learning.

Dr. V. Vijayalakshmi /AP(SI.G) received the 'Best Teacher Award' from Aram Foundation and Trust for her 25 years of excelling in Teaching Industry on 17.12.2023 at Kamaraj Memorial Hall, Teynampet, Chennai.

Department of English

A Workshop titled 'Strategic Communication using Effective Interpersonal Skills for the second year students on 26th October 2023. Dr.D.Praveen Sam, Asst.Prof, SSN College Of Engineering was the resource person for the session.

The department of English, under the auspices of Burke Club organized Oratorical Competitions for the first year students on 27th October 2023 and 21th December 2023. The first year students displayed their oratorical skills and participated with great enthusiasm. The students from the vernacular medium were given opportunities to build their confidence by participating in Tongue Twister reciting competition.



Tongue Twister reciting competition

Dr.M.Chithra, Dr.SheebaManodh, Dr.R.Geetha, Dr.V.Jayanthi, Dr.M.Arthi, Mr.Abhishek David John and Ms.S.Roshan Fathima completed an NPTEL course titled 'Stress Management'

Dr.M.Chithra, Dr.SheebaManodh, Dr.R.Geetha and Mr.Abhishek David John filed a Patent titled 'Adaptive

Learning Platforms for Learning a Second Language for Disabled Children'.

Dr.M.Chithra and Dr.V.Jayanthi were the judges for the Elocution Competition held at Vidya Mandir, Estancia on 2nd November 2023.

The department of English organised a workshop titled 'Instilling Confidence through Exemplary Communication' on 28th November 2024. Dr.A.Uthra, Asst. Prof, Jaya College of Arts and Science was the resource person for the event.



Workshop on 'Instilling Confidence through Exemplary Communication'

Dr.Sheeba Manodh was the resource person for the teacher participants of the Refresher course in English Language and Literature' Transforming edagogies: Texts, Contexts and Innovations in English Studies' organized by the Dept of English, University of Madras in collaboration with UGC-HRDC on 24th November 2023.

The department of English, under the auspices of Eclectic Lingua organized Linguathon Phase I competitions for the first year students on 21st December 2023. The competitions were Declamation, Block Tackle and Creating Advertisements. The students participated eagerly and displayed creative talents. The winners were rewarded with prizes.



Eclectic Lingua organized Linguathon Phase I competitions

Department of Physics

Dr.S.Padmaja, Assistant Professor (O.G) and Ms.Madathy Babu, TRA completed 12 week NPTEL certificate course on 'Nanobiophotonics: Touching our Daily Life' during October 2023.

Mrs.S.Sowmiya, Assistant Professor (O.G) participated in the webinar on 'Usage of Ionizing Radiation in Medical Practice' organized by Saveetha Engineering College(Autonomous), Chennai, on 13th October 2023.

Dr.S.Gandhimathi, Assistant Professor (Sr.G), Dr.R.Nithya Balaji, Assistant Professor (Sr.G), Mrs.R.Sasireka, Assistant Professor (O.G), Mrs.S.Sowmiya, Assistant Professor (O.G)

Dr.Ramya Rajan M.P Assistant Professor (O.G) Dr.S.Padmaja, Assistant Professor (O.G) and Ms.Madathy Babu, TRA completed a 4 week NPTEL certificate course on 'Selection of Nanomaterials for Energy Harvesting and Storage Application' during October 2023.

Dr.M.Anbucheziyan, Prof. & Head published a research paper titled 'N, N-Dimethylamino Phenyl Curcumin Drug Loaded Polyethylene Glycol-Chitosan Incorporated Zinc Oxide Nanoparticles for Anti-Arthritic Activity' in the journal Croat. Chem. Acta 2023, 96(2), 8189.

Mrs.R.Sasireka, Assistant Professor (O.G) and Mrs.S.Sowmiya, Assistant Professor (O.G) participated in the training program on 'Spectroscopy and Instrumentation Techniques (SIT-2023)' organized by Centyere for Nanoscience and Nanotechnology, Sathyabama Institute of Science and Technology, Chennai on 6th November 2023.

Dr.M.Anbucheziyan, Prof. & Head attended an industry expert webinar series: Webinar on opportunities in DRDO, organized by IETE Chennai centre on 10th of November 2023.

Dr.Thiruppathi, Assistant Professor (Sel.G) completed 12 weeks NPTEL certificate course on 'Psychology of Learning' during November 2023.

Dr.Thiruppathi, Assistant Professor (Sel.G) participated in Six Days online Faculty Development Program titled Recent Advancement in Smart Materials for Sustainable Energy Applications, organized by Centre for Nanoscience and Nanotechnology, International Research Centre, Sathyabama Institute of Science and Technology, OMR, from 20th to 26th November 2023.

Dr.S.Gandhimathi, Assistant Professor (Sr.G), Dr.R.Nithya Balaji, Assistant Professor (Sr.G), Mrs.R.Sasireka, Assistant Professor (O.G), Mrs.S.Sowmiya, Assistant Professor (O.G) Dr.Ramya Rajan M.P Assistant Professor (O.G) participated in a one-week national workshop on 'Research methodology' from 12th to 19th December 2023 organized by the Department of Physics, SRMIST, Ramapuram Campus, Chennai.

Dr.Thiruppathi, Assistant Professor (Sel.G) published a research paper titled 'Synthesis of Nickel-Manganese-sulfide Decorated with Reduced Graphene Oxide Nanocomposite for Ultra-Fast Photocatalytic Degradation of Organic Dye Molecules' in Carbon Letters, 20th December 2023.

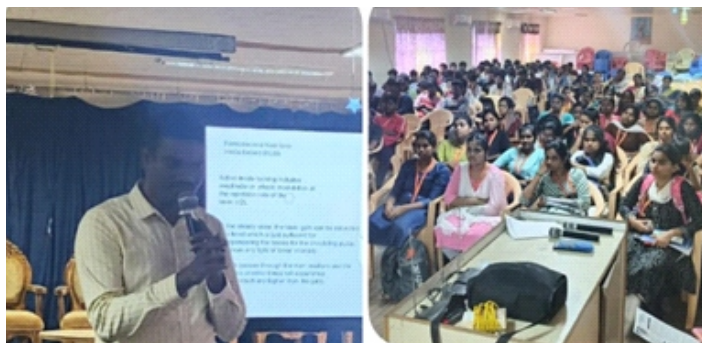
Dr.M.Anbucheziyan, Prof. & Head participated in the webinar titled 'Mastering the art of AQAR submission: A strategic guide for success' organized by ISDE Academy India Pvt Ltd, Chennai on 27th December 2023.

The department of Physics organized a guest lecture for the topic 'Nano composites' on 30th November 2023. The Chief Guest was Dr. K. Vishista, Professor, department of Physics, Anna University, Chennai.



Guest Lecture on 'Nano Composites'

The department of Physics organised an expert lecture for the topic 'Current trends in Laser technology' on 21st December 2023. The Chief Guest was Dr. Titus Samuel Sudandararaj, Deputy General Manager, Cephass Medical Pvt Ltd, Chennai .



Expert Lecture on 'Current trends in Laser Technology'

Our SRM VEC Basketball Women's Team won the Gold Medal in 3X3 Basketball Women Tournament held at Erode from 30th September to 1st October 2023.

Mr.Dharshan Deep, III-Agri won the Silver Medal in the Karnataka State Festival Dhasara Ball Badminton Men Tournament held at Bangalore on 2nd October 2023.

Department of Physical Education Successfully organized the Anna University Zone IV Badminton Men, Basketball Men and Kabaddi Men Tournaments on 6th, 11th & 19th October 2023 respectively.

Our SRM VEC Badminton Men's team won the Gold Medal in the Anna University Zone IV Badminton Men Tournament organized by SRM VEC on 6th October 2023.

Our SRM VEC Football Men team won the Bronze Medal in the Anna University Zone IV Football Men Tournament organized by Sri Sairam Engineering College on 9th October 2023.

Our SRM VEC Basketball Men team won the Gold Medal in the Anna University Zone IV Basketball Men Tournament organized by SRM VEC on 11th October 2023.

Our SRM VEC Tennis Men team won the Bronze Medal in the Anna University Zone IV Tennis Men Tournament organized by Sri Sairam Institute of Technology on 13th October 2023.



Won Gold Medal in 3x3 Basket Ball Women Tournament



Ms.R.Sivani won Gold Medal TN State Jr. Basketball Championship



Inauguration of Anna University Zonal IV Basket Ball Men Tournament



Won Gold Medal in Anna University Zonal IV Basket Ball Men Tournament



Successfully organized Anna University Zonal IV Kabadi Men Tournament

Sports



Anna University Inter Zonal Badminton Men's Tournament

Our SRM VEC Badminton Men team won the First Place in the Open State Badminton Men Doubles Tournament held at Andhra Pradesh on 14th October 2023.

Our SRM VEC Basketball Women team won the Gold Medal in the Anna University Zone IV Basketball Women Tournament organized by Prince Sri Venkateswara Padmavathy College of Engineering on 17th October 2023.

The SRM VEC Players Mr.K.Srinadh, IV-EEE, won the First Position with Cash Prize Rs.10000, in Andhra Pradesh State Open Doubles Badminton Men Tournament held at Ongole, AP on 29th October 2023.

Department of Physical Education organized the Anna University Zone IV Ball Badminton Men Tournament on 3rd November 2023.

Our SRM VEC Ball Badminton Men Team won the Gold Medal in the Anna University Zone IV Ball Badminton Men Tournament organized by SRM VEC on 3rd November 2023.

Our SRM VEC Basketball Women's team participated and qualified to quarter finals in the Anna University Inter Zonal (State Level Zonal Winning teams) Basketball Women tournament organized by Surya Group of Institutions, Villupuram from 7th & 8th November 2023.

Our SRM VEC Ball Badminton Women Team Won the Gold Medal in the Anna University Zone IV Ball Badminton Women Tournament organized by Madras Institute of Technology on 9th November 2023.

Our SRM VEC Badminton Men team won the Gold Medal in the Anna University Inter Zonal (State Level Zonal Winning teams) Badminton Men Tournament organized by SRM VEC from 18th & 19th November 2023.

Department of Physical Education organized the Anna University Inter Zonal (State Level Zonal Winning teams) Badminton Men Tournament from 18th & 19th November 2023.

Dr.N.Ganapathy, DPE SRM VEC represented as a selection committee member for the Anna University Table Tennis Men's Team selection organized by Sri Sairam Engineering College on 22nd November 2023.

Our student Mr. B.V. Asswanth, IV - EIE, represented the Anna University Badminton Men team and participated in South Zone Inter University Badminton Men Tournament 2023-24 organized by Vellore Institute of Technology, Vellore from 18th to 24th December 2023.

Dr. N. Ganapathy, DPE, SRM VEC, represented as a team manager for the Anna University Badminton Men team and the team participated in South Zone Inter University Badminton Men Tournament 2023-24 organized by Vellore Institute of Technology, Vellore from 18th to 24th December 2023.

Our student Ms. V. Sandragrace, II - EEE, represented the Anna University Basketball Women team and participated in

South Zone Inter University Basketball Women Tournament 2023-24 organized by Jain University, Bangalore, from 25th to 28th December 2023.

Our student Ms. R. Amhrutha Vahini, III - EIE, represented the Anna University Archery Women team and participated in South Zone Inter University Archery Women Tournament 2023-24 organized by Guru Kashi University, Bhatinda, Punjab, from 19th to 22th December 2023.

SRM VEC student Ms. R. Sivani, I - Mech, represented the Coimbatore Team and won the Gold Medal in Tamil Nadu State Junior Basketball Championship (Girls) 2023 held at Coimbatore from 26th to 31st December 2023.

SRM VEC team won the Bronze Medal in the Anna University Inter Zonal (State Level Zone's Winning Teams) Ball Badminton Women Tournament 2023-24, organized by PSNA College of Engineering and Technology, Dindigul, from 30th to 31st December 2023.

Our SRM VEC Ball Badminton Men's Team participated and was qualified to the quarter finals in the Anna University Inter Zonal Ball Badminton Men Tournament organized by PSNA College of Engineering and Technology, Dindigul, from 30th to 31st December 2023.

Dr.N.Ganapathy, DPE SRM VEC, represented as a selection committee member for the Anna University Ball Badminton Men & Women team selection organized by PSNA College of Engineering and Technology, Dindigul, from 30th to 31st December 2023.



Department of Placement & Career Guidance

The department of Placement & Career Guidance working hard to enhance the placement opportunity. During the month from October to December 2023, around 18 companies visited for placement for both UG & PG and 40 students got placed.

