

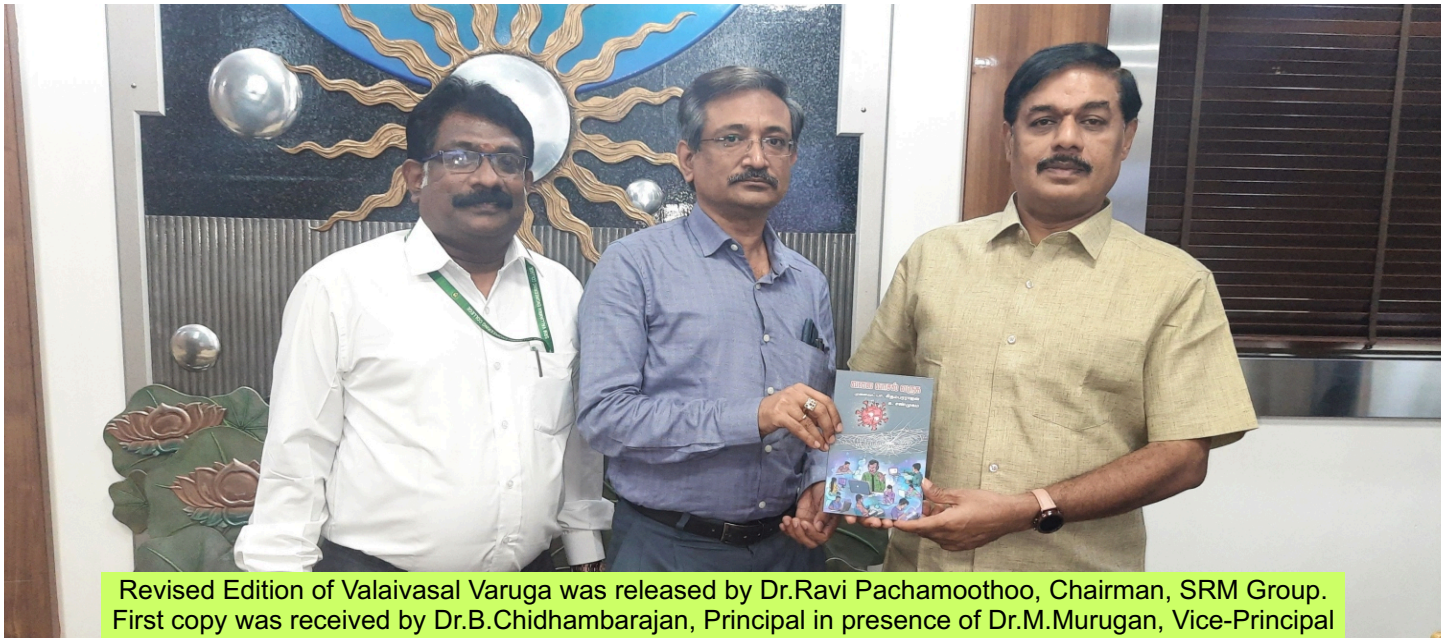


NEWSLETTER



Vol. : 10 No.4 Issue : Oct. - Dec. 2021

Email : srmvec@valliammai.co.in Website : www.srmvalliammai.ac.in



Revised Edition of Valaivasal Varuga was released by Dr.Ravi Pachamoothoo, Chairman, SRM Group. First copy was received by Dr.B.Chidhambarajan, Principal in presence of Dr.M.Murugan, Vice-Principal

Department of Civil Engineering

Mr.A.Sattainathan Sharma, Asst Professor, Department of Civil Engineering completed all the 8 modules offered by NITTT in association with AICTE.

Department of Civil Engineering organized a Value Added Course on 'Advancement in Concrete Technology' from 1st Nov. 2021 to 3rd Nov2021. The course coordinator was Mr.G.R.Iyappan, Asst Professor (O.G). 63 students participated in this course.



Value Added Course on 'Advancement in Concrete Technology'

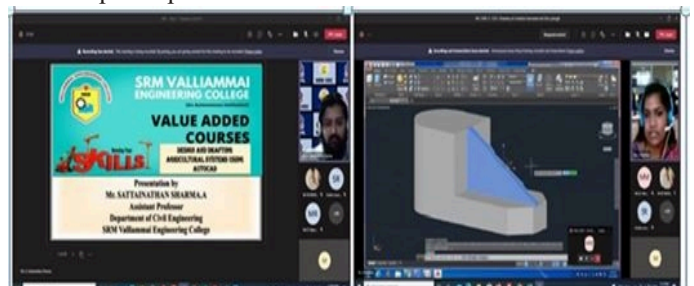
Mr.S.Suresh Babu, Asst.Prof. (S.G), Department of Civil Engineering completed his Ph.D by defending his Thesis on 16th Nov 2021.

Dr.D.Elango, Professor & Head, Department of Civil Engineering has been elected as Chairman IE(I),Kancheepuram Local chapter & All India Council Member for 2 years.

Mr.N.Arunprakash, Asst.Professor, Department of Civil Engineering has been elected as Executive Committee Member in Civil Engineering Division, IE(I)KLC for 2 years.

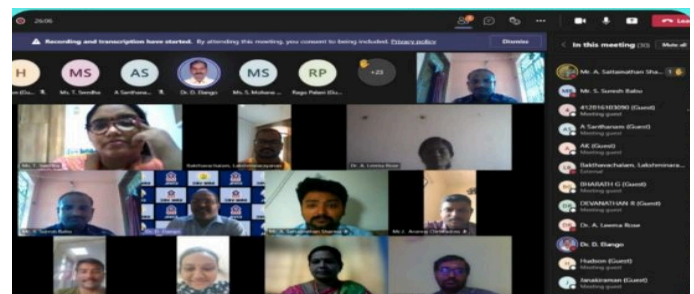
Department of Agriculture Engineering organized a Value Added Course on 'Training on Design and Drafting Agricultural Systems using AutoCAD' from 1st Nov2021 to 3rd Nov2021. The

course coordinator was Ms.P.Dhivya, Asst Professor (O.G). 76 students participated in this course.



Value Added Course on 'Training on Design and Drafting Agricultural Systems using AutoCAD'

An online digital Alumni Meet was conducted on 12th Dec 2021 at 11.00 am to 12.15 pm through the Digital Platform MS-Teams. The Alumni from 2013 batch to 2020 batch were invited. The annual alumni report was presented by Dr.D.Elango, Professor and Head, Department of Civil Engineering. Later the alumni shared their experiences about their college life. The number of alumni who attended the alumni meet was 30.



Online Digital Alumni Meet

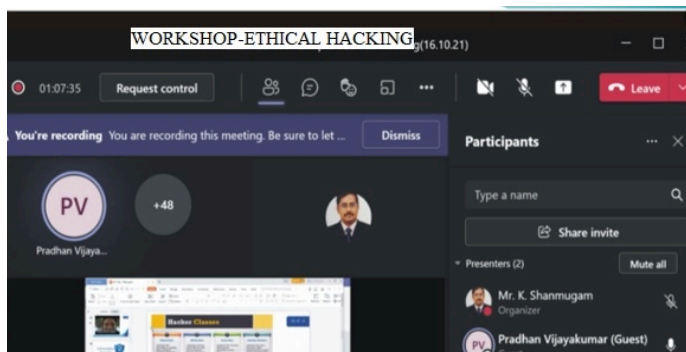
Dr.D.Elango, Professor and Head, Department of Civil Engineering actively participated and received appreciation during the inauguration of centenary celebration function of IE(I) Tamilnadu State Centre from Padmashri Dr.A.Sivathanu Pillai on 22nd Dec 2021.

Department of Computer Science and Engineering

Dr. B. Vanathi HOD/CSE, Mr.K.Shanmugam,AP and S.Madhivathana (PG Student) published a paper on 'Enhancing the Chronic Kidney Disease Prediction by Machine Learning Algorithms' in Gedrag & Organisatie Review, ISSN :0921-5077, Volume 34, Issue 4, 458-464, Dec 2021.

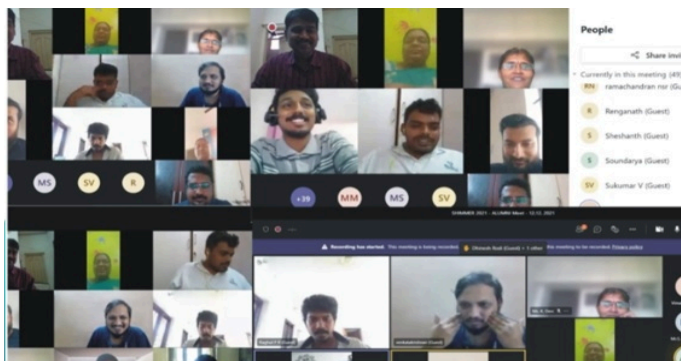
Ms.S.Benila,AP published a paper on 'Service Level Agreement Based Secured Data Analytics Framework for Healthcare Systems' in Intelligent Automation & Soft Computing, DOI:10.32604/iasc.2022.021920, Volume 32, Issue 2, 1277-1291, 2021.

A workshop was conducted on 'Ethical Hacking' in association with SRM VEC-CSI student branch, ISTE, Institutions Innovation Council, held on 16th & 17th October 2021 through Microsoft Teams (online). The resource person was Mr.Pradhan Vijayakumar, Managing Director, Zero2infynite solutions, Chennai. 50 participants attended the workshop which includes the students and staff.



Workshop on 'Ethical Hacking'

A digital Alumni Meet- SHIMMER 2k21 was conducted on 12th December 2021 from 10.00 am to 12.45 pm through Microsoft Teams. A total number of 105 participants (32 Staff and 73 Alumni) attended the meet. Dr. B. Vanathi, Professor and Head of the department / CSE delivered the presidential address. The annual report was presented by Mr. G. Kumaresan, AP/CSE., Alumni Coordinator.



Digital Alumni Meet- SHIMMER 2k21

Department of Cyber Security signed an MOU with Hebesec Technologies, chennai for conducting Internship, workshop and industry projects for students and staff.



MOU with Hebesec Technologies, chennai

The Department of Cyber Security, in association with CSI Student Branch organized five days FDP on 'Ethical Hacking and Cyber Forensic Tools' for the staff members of the department and external participants from 15th to 19th November 2021 through offline mode. The resource person was Mr. S. Ram Sundar, Director, HebeSec Technologies and Mr.C. Vignesh, Technical Director, Chennai.



FDP on 'Ethical Hacking and Cyber Forensic Tools'

The Department of CSE organized a five day FDP on 'Cyber Security' from 8th to 12th November 2021 through online mode.



FDP on 'Cyber Security'

The Department of Computer Science and Engineering in association with Computer Society of India organized a one day staff development programme on 'Basics of Computer Networks' on 18th December 2021. The resource person was Ms. K. Devi, Assistant Professor (CSE).



SDP on 'Basics of Computer Networks'

Mr.N.Leo Bright Tennisson, Assistant Professor/CSE received 'Life Time Achievement Award' an International Education Award for Excellence organized by Paramhans Education and Research foundation Trust Research Gate on 12th December 2021.

Fifteen faculty members from the department attended a 5-day online FDP on 'Inculcating Universal Human Values in Technical Education' organized by All India Council for Technical Education (AICTE) from 20th to 24th December 2021.

Four Faculty members from our department attended a 5-day 'Online Faculty Development Training Program (OFDTP) on IPR' from 27th December to 3rd January 2022 organized by Loyola-ICAM College of Engineering and Technology, Loyola Campus, Nungambakkam, Chennai.

Mr.N.Leo Bright Tennisson, A.P, CSE attended 6-day online FDP on 'Breadth and Depth of 6D's' from 28th Dec. 2021 to 10th Jan. 2022 organized by Dept of IT, SRM VEC.

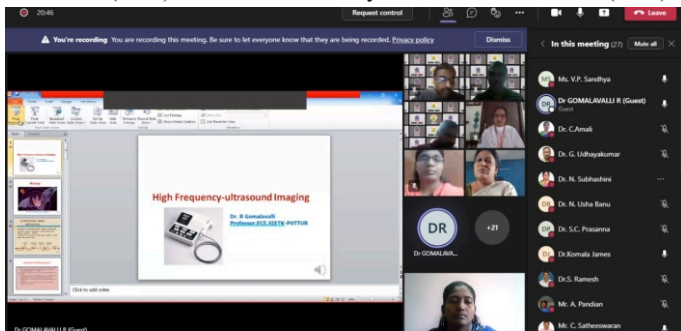
Department of Electronics and Communication Engineering

Dr.B.Chidhambarajan, Principal SRM VEC inaugurated the 'Modernization of VLSI Laboratory' on 13th October 2021. The Vice principal and Heads of all departments attended the inaugural programme.



Dr.B.Chidhambarajan, Principal SRM VEC inaugurated the 'Modernization of VLSI Laboratory'

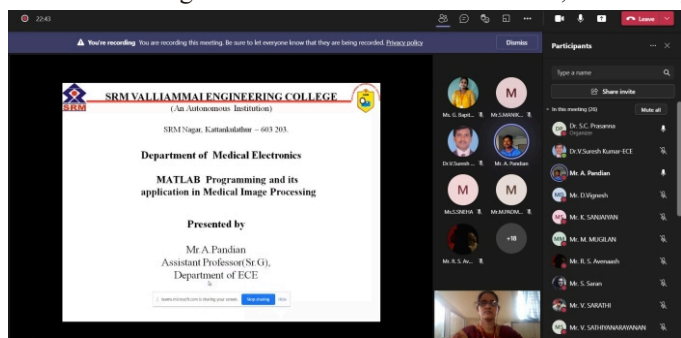
The Department of Medical Electronics conducted a seminar on 'High Frequency Ultrasound Imaging' on 30th October 2021 in association with IIC, ISTE, IETE Students Forum and SRM VEC CSI Student Branch. The Guest speaker Dr.R.Gomalavalli, Professor, ECE Department, Siddharth Institute of Engineering and Technology, Andhra Pradesh delivered a lecture about the applications of ultrasound imaging techniques in medical fields. This Seminar was coordinated by Mr.C.Satheeswaran/Assistant Professor (O.G) and Ms.V.P.Sandhya/Assistant Professor (O.G).



Seminar on 'High Frequency Ultrasound Imaging'

The Department of Electronics and Communication Engineering conducted a Value Added Course on 'EDA Tools for Electronics Circuits' from 1st November 2021 to 3rd November 2021 for the benefit of ECE students with a total strength of 74 students. Mr.D.Murugesan, A.P. (Sel.G), Dr.S.R.Preethi, A.P. (O.G), Mr.T.V.Sudhir, A.P. (O.G), and Mr.V.Prasanan, A.P. (O.G) handled the sessions about EDA simulation tools - Tinkercad, Multisim Live and Easy EDA tools for Electronic Circuits.

The Department of Medical Electronics conducted a Value Added Course on 'MATLAB programming and its application in Medical Image Processing' from 1st November 2021 to 3rd November 2021 for the benefit of MDE, ECE and CSE students with a total strength of 29 students. Dr.S.C. Prasanna, AP-Sel. G,



VAC on 'MATLAB programming and its application in Medical Image Processing'

Dr. V. Suresh Kumar, AP-Sel. G and Mr. A. Pandian, AP-Sr.G conducted the VAC about the MATLAB basics, GUI based design and Image processing using MATLAB.

The Department of Electronics and Communication Engineering in association with IIC, ISTE & IETE Students Forum conducted a 5-day online Faculty Development Programme from 22nd November 2021 to 26th November 2021 on the topic 'Influence of Electro Magnetics, IoT & Communication' for the faculty members to enhance their knowledge in the respective areas. The programme was inaugurated by Dr. Komala James, Professor and delivered a welcome address to the participants and shared her views on the importance of online faculty development programme. The invited speakers Dr. N. Usha Bhanu, Professor, Dr. C. Amali, A.P (Sel.G), Dr.N.Subhashini, A.P (Sel.G), Mr.D.Murugesan, A.P (Sel.G), Ms. K. Arthi, A.P (O.G) Mr. C. Satheeswaran, A.P (O.G), Mr. A. Anbarasan, A.P (O.G), Dr. S. R. Preethi, A.P (O.G), engaged the sessions on different subject areas. Dr. J Mohan, Associate Professor and Mr.V.Prasanan, A.P (O.G), Department of ECE, coordinated the programme successfully.

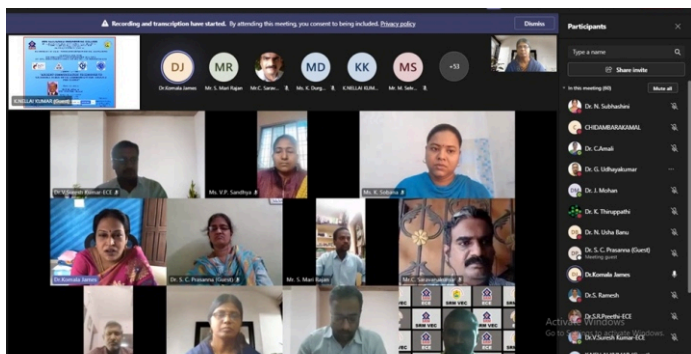
The Department of Electronics and Communication Engineering organized a six-day Induction/Refresher Programme sponsored by AICTE- ISTE titled 'FPGA for Low Power IoT' from 6th December 2021 to 11th December 2021 through online platform MS-Teams. The Refresher programme was convened by Dr. Komala James, Professor & Head of the Department of ECE, SRM VEC. Dr.P. Sakthivel, ISTE Executive Council Member, Tamil Nadu, Professor, Department of ECE, Anna University, Chennai was invited as the guest of honour for the inauguration, and he presented inaugural address to the faculty participants. The external Speakers from reputed public and private sector organizations delivered the lecture on EDA Tools for FPGA, IoT with FPGA techniques and taught the live simulation to the participants. Dr. N. Usha Bhanu, Professor, Mr.C.Saravanakumar, AP (Sel.G) Department of ECE, coordinated the programme successfully.

The Department of Electronics and Communication Engineering conducted a Webinar on 'Ancient Communication



SHIMMER 2021- A Digital Alumni Meet was conducted by the Department of Electronics and Communication Engineering on 12th December 2021. The Alumni meet began with a welcome address by Dr.N.Subhashini, A.P (Sel.G) of ECE Department. Dr.Komala James, Professor & Head of the Department of ECE addressed all the alumni and congratulated everyone on their bright future. She explained the accreditation by NAAC & NBA, PG courses and about the Anna University recognized research centre facilities. Dr.S.R.Preethi, A.P (O.G) presented the annual report on alumni activities in various events organized in our college. She explained the key highlights of 16 events conducted by department of ECE during the year January 2020 to November 2021. About 15 Alumni from various batches of ECE and faculty of the department participated in the Alumni meet. The alumni were happy to interact with each other and with our staff members. The Alumni meet ended with the vote of thanks by Dr. G.UdhayaKumar, Associate Professor of ECE Department. The programme was coordinated by Ms. S.Abirami, A.P (O.G) Department of ECE.

techniques to Undersea Fiber Optic Communication around the Globe' in association with Industry-Institution Partnership Cell (IIPC), Institution Innovation Council (IIC), ISTE, IETE Student's Forum and SRM VEC CSI Student Branch for the benefit of our students to enhance their knowledge in the Communication field on 18th December 2021. Dr.Komala James, Professor & Head delivered the welcome address and Mr. S.Mari Rajan, A.P-ECE, IIPC Coordinator introduced the Resource person Mr. K.Nellai Kumar, Deputy General Manager (Retired), TATA Communications. The Resource person spoke about the developments in Transmission Media which included the earliest PSTN, Mobile communication, Wireless communication, Satellite communication, Undersea fiber optic communication from one continent to another continent. About 104 students and the faculty of the department participated in the session.



Webinar on 'Ancient Communication techniques to Undersea Fiber Optic Communication around the Globe'

The Department of ECE conducted a one-day Staff Skill Development Programme (SDP) for the Non-teaching staff members of the college on 30th December 2021. The resource person Dr. Komala James, Professor & HOD, Department of ECE, SRM Valliammai Engineering College, spoke on the topic 'Holistic Development and Human Values'. Brain exercises, Breathing exercises and Eye exercises were taught by her, which were practiced by all the participants. The programme was coordinated by Dr.J.Mohan, Asso Professor/MDE. 11 Staff members from various departments attended the staff Skill Development Programme.



SDP on 'Holistic Development and Human Values'

Dr.C.Amali /Assistant Professor (Sel.G) delivered a guest lecture on 'Ad Hoc and Wireless Sensor Networks' for the ECE students of Narasu's Sarathy Institute of Technology, Salem on 1st October 2021.

Dr. S.Ramesh /Associate Professor ECE participated in a six-day Faculty Development Programme from 8th October to 13th October 2021 titled 'Recent Advancements in Organic & Nano Electronics RAONE 21' organized by SRM Institute of Science and Technology, Chennai.

Dr. Komala James/Prof and Head ECE participated in the University Distinguished Lecture Series titled 'Science, Technology and Innovation Policy 2020: A Transformative S&T Agenda' delivered by Prof. Sandeep Verma, Secretary of Science and Engineering Research Board (SERB), DST, Government of India, organized by SRM University-AP, held on 30th Oct. 2021.

Dr.Komala James/ Professor, Dr. N. Usha Bhanu/ Professor, Dr. G. Udhayakumar/ Associate Professor, Dr. N. Subhashini/ Assistant Professor (Sel.G), Mr.R.Dhananjeyan / Assistant Professor (O.G) Department of ECE and Mr.C.Satheeswaran/ Assistant Professor (O.G)- Department of Medical Electronics attended a five-day workshop on Incorporating Universal Human Values in Education organized by AICTE from 8th November 2021 to 12th November 2021.

Dr. S. Ramesh / Associate Professor published a paper on 'Compact Printed Planar Eye Shaped Dipole Antenna for Ultra Wideband Wireless Applications' in the Journal of Applied Science and Engineering (Scopus Indexed), Volume 25, Issue 5, November 2021.

Dr.S.R.Preethi / Assistant Professor (O.G) published an article on 'Fuzzy Based Reliable Load Balanced Routing Approach for Ad hoc Sensor Networks' in the Computer Systems Science & Engineering, Tech Science Press, November 2021.

Dr. N. Usha Bhanu/ Professor, Mr.C.Satheeswaran/ Assistant Professor (O.G), Dr. N. Subhashini/ Assistant Professor (Sel.G), Dr.S.R.Preethi/ Assistant Professor (O.G), Mrs.K.Arthi/ Assistant Professor (O.G), Dr. C.Amali/ Assistant Professor (Sel.G) Mr. D.Murugesan/ Assistant Professor (Sel.G), Mr. A.Anbarasan/ Assistant Professor (O.G), delivered a lecture on the topic "Influence of Electro Magnetics, IoT & Communication" for the faculty members of the department of ECE, SRM Valliammai Engineering College, from 22nd November 2021 to 26th Nov. 2021.

Dr. C. Amali/ Assistant Professor (Sel.G), Dr.V.Suresh Kumar/ Assistant Professor (Sel.G) Dr. S. R. Preethi/ Assistant Professor (O.G), Mrs.K.Durgadevi/ Assistant Professor (O.G), Mrs. K. Sobana/ Assistant Professor (O.G), Department of ECE and Dr.S.C.Prasanna / Assistant Professor (Sel.G), Mrs. Sandhya .V.P/ Assistant Professor (O.G), Mr .M. Selvaraj/ Assistant Professor (O.G), - Department of Medical Electronics attended a five-day workshop on Incorporating Universal Human Values in Education organized by AICTE from 22nd to 26th Nov. 2021.

Dr. B. Chidhambarajan, Principal, National EC Member ISTE, SRM VEC, briefed the audience about National Education Policy 2020 in the AICTE- ISTE Induction / Refresher Programme titled 'FPGA for Low Power IoT' on 11th Dec. 2021.

Dr.M.Murugan/ Professor & Vice Principal SRMVEC delivered a lecture on the topic 'Evolution and Applications of Internet of Things' in the AICTE- ISTE Induction / Refresher Programme titled 'FPGA for Low Power IoT' on 7th Dec. 2021.

Dr.M Murugan (Professor/ECE) et al. published a paper titled, 'Guardian device for women - a survey and comparison study', Journal of Physics, 2115 (2021), IOP Publishing, <https://doi.org/10.1088/1742-6596/2115/1/012030>

Dr.M Murugan (Professor/ECE) et al. published a paper titled, "Preprocessing of ECG Signals for Cardiovascular diseases", Int'l Journal of Aquatic Science, 2021, Vol 12, Issue 2, pp.2809-2817 (I S S N : 2 0 0 8 - 8 0 1 9) . http://www.journal-aquaticscience.com/article_134344.html

Dr. Komala James/ Professor & Head, delivered a lecture on the topic 'Power of Positive Thinking in Professional Life' in the AICTE- ISTE Induction / Refresher Programme titled 'FPGA for Low Power IoT' on 8th December 2021.

Mr. C. Saravanakumar /Assistant Professor (Sel.G) delivered a lecture about 'Automation Using Arduino' in the AICTE- ISTE Induction / Refresher Programme titled 'FPGA for Low Power IoT' on 10th December 2021.

Dr. S.R. Preethi/ AP (O.G) published a paper on 'A Review on the Detection of Skull by Forensic Analysis' in the Indian Journal of Forensic Medicine & Toxicology, Volume 15, Issue 4, October-December 2021.

Mr. G. Sankar Babu, 4th Year ECE student won the first prize at District level Speech Competition held at Dindigul on the

occasion of the 150th birthday celebration of the Indian freedom fighter V.O. Chidambaram Pillai on 25th October 2021.

Mr. G. Sankar Babu, 4th Year ECE student won Rs.3000 in the District Level Speech Competition on 29th October 2021.

Mr. Sankar Babu & Mr.Sakthiraj, IV year ECE student were given the chance to participate in Delhi Tamil Sangam on 12th November 2021.

Ms.K.Jyothi, II year ECE student has been selected to represent Anna University in the South Zone Inter- University Basketball tournament to be held at Mahatma Gandhi University, Kottayam, Kerala from 27th December 2021 to 31st January 2022.

Ms.Sasikala.A, III year ECE student has successfully completed internship and was declared as the Campus Ambassador for Casio India Company Private Limited through AICTE Internshala on 12th November 2021.

Ms. K.Thanuja, II year ECE and Ms. M.Swetha III year ECE student have been selected for Junior National Ball Badminton Championship 2021 from AP State held from 10th December 2021 to 12th December 2021, and also won silver medal in AP State Championship 2021.

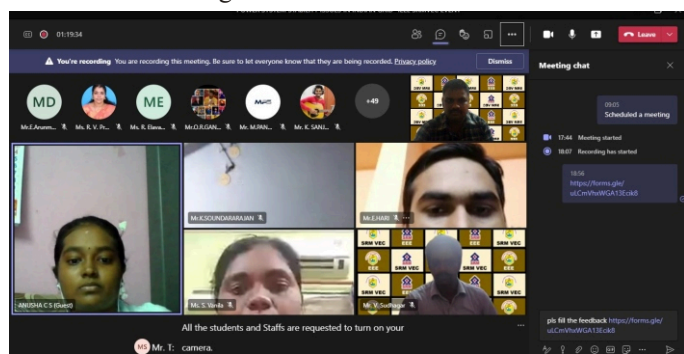
Ms. K.Thanuja, II year ECE got the 'Star of Andra' award in AP state Championship 2021 held from 10th December 2021 to 12th December 2021.

Mr.Vikas.P, I year ECE student won the first prize in the 'Master the Picture Contest' on 18th December 2021 organized by SRM VEC CSI- Student Branch, SRM Valliammai Engineering College, Kattankulathur.

Mr.P.Sivanantham, Mr.Santhakumar.E, Ms.Sharmila.S, Ms.Sharmi.M, Ms Sowmiya.P, Mr.Sivaramkrishnan.K, Mr.Sriram.E, Mr.Soorya.S, Mr.SivaSankar.S, Mr.Shameer Hussain.S, III year ECE students attended the 'Hands- on training in HDL language constructs' conducted by ECE department, B S Abdur Rahman Crescent Institute of Science & Technology on 22nd December 2021 to 23rd December 2021.

Department of Electrical & Electronics Engineering

The department conducted a Guest Lecture on the topic 'Power System Stability Issues in Indian Grid' on 20th October 2021 through virtual mode. The session was presented by the resource person Ms. C.S.Anusha, M.E., Trainee Engineer-High Voltage Division, Vestas Technology R/D India, who is the alumnus of our college.

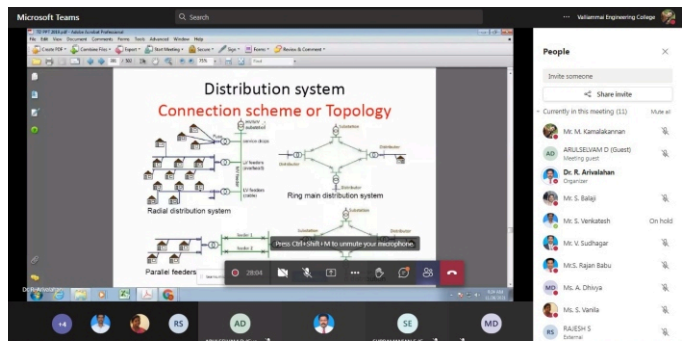


Guest Lecture on 'Power System Stability Issues in Indian Grid'

The department conducted a Faculty Development Programme for the subjects- Transmission and Distribution, Solid State Drives and Electric Energy Generation, Utilization

EDITORIAL

The Chief Editor : **Dr. B. Chidhambara Rajan**, Principal, VEC
 Editors : **Dr. M. Murugan**, Vice Principal, VEC
 Ms. M. Chitra, Asst. Prof.(Sr.G), Head, Dept. of English
 Ms. M.S.Shyamala, Asst. Prof.(OG), Dept. of English
 Layout & Design : **Mr. T. Elavarasu**, Placement Executive



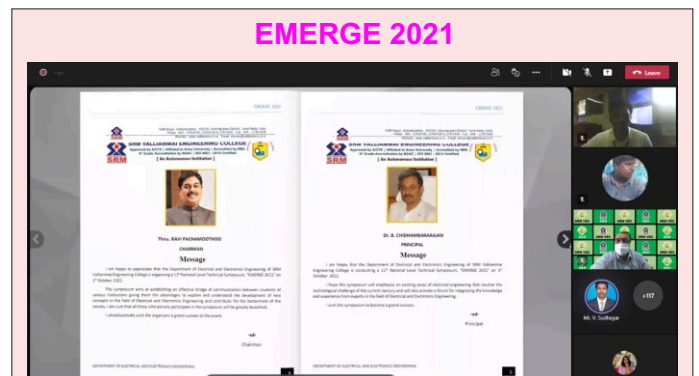
FDP on Transmission and Distribution, Solid State Drives and Electric Energy Generation, Utilization and Conservation and Conservation from 22nd to 27th Nov 2021. The sessions were handled by external and internal faculties.

The department conducted a one day Staff Development Programme on the topic 'Energy Management System' on 30th November 2021 through Microsoft Teams.

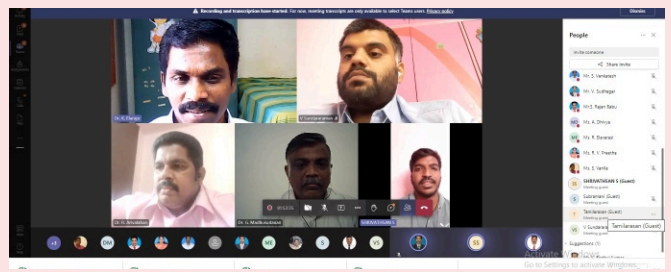


SDP on 'Energy Management System'

The department conducted Digital Alumni Meet-EEE 2021(Shimmer-2021) on 12th December 2021 through Microsoft Teams online platform.



The department organized the 11th National Level Technical Symposium EMERGE 2021 'Emerging Technologies in Electrical and Electronics Engineering' on 1st October 2021 through Virtual mode. 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 so as to contribute towards research and development in the field. Ms.L.Gurupriya B.E., Manager, Bharath Heavy Electricals Limited, Power sector Southern region, Chennai was the chief guest.



The second year, third year and final year students of EEE attended a virtual industrial visit in Industry Institute Partnership Cell (IIPC), Niraltek Solutions Private Ltd, Chennai on 15th December 2021.

Dr. K.Elango / Professor & Head published a paper on 'Improved Voltage Stability of IEEE 14 Bus system using STATCOM', Design Engineering, Vol. 2021, No. 8, pp. 1790-1799, 04-10-2021.

Dr.G.Madhusudan, Assistant Professor (Sel.G) was elected as Executive Committee Member in Electrical Division, IE (I), KLC for two years on 29th October 2021.

Dr.R.Karthik, Associate Professor received the Young scientist awardee Fellowship from the Tamilnadu State Council of Science & Technology (TNSCST) and carried out Research for a period of 2 months from November 2021 to December 2021 in the topic 'Preparation methods and characterization of LDPE based Nano Dielectrics' at High Voltage Laboratory, Department of Electrical Engineering, Indian Institute of Technology Kanpur (IITK).

DEPARTMENT OF FINE ARTS



Fine arts club 'VECTORIANS' supported the Vendhar TV for the event titled "GALATA DIWALI". The event was shot for the channel in our college premises, and more than 50 students both PG and UG participated actively. The same was telecast on Diwali day.

SPORTS



Ms.R.Amhurthavahini, I-EIE, won the Gold Medal in Tamil Nadu State Divisional Level Basketball Championship 2021 held at Kongunadu College, Thottium, Namakkal on 6th to 9th October 2021. She was selected for state championship tournament.

Mr.K.Vasanthakumr, II-Mech and his team won the 1st Place with a cash prize of Rs. 10,000 in Tamil Nadu State level Ball Badminton Tournament held at Royal Sports Club, Tutucorin on 23rd & 24th October 2021.

Mr.B.V.Asswanth, II-EIE won the first place in Thiruvallur District Senior Singles & Mixed Doubles Badminton Championship 2021 on 30th & 31st October 2021.

Mr.B.V.Asswanth, II-EIE was selected for Anna University Badminton Men Team and represented South Zone Inter University Badminton Tournament held at KLEF, Gundur, AP, on 6th to 10th December 2021.

Mr.P.Lakshman Rao, III-EEE won the second place in Andhra Pradesh State Ball Badminton Championship. He received the 'Star of Andhra Pradesh' award, held at AP on 10th to 12th December 2021. He was selected by the Andhra Pradesh State Junior Ball Badminton Men team to represent in the Junior National Ball Badminton Championship.



Star of Andhrapradesh 2021 Award

Ms.Thanuja, II-ECE, & Ms.Swetha, II-ECE, won the second place in Andhra Pradesh State Ball Badminton Championship, and Ms.Thanuja received the 'Star of Andhra Pradesh' award, held at AP on 10th to 12th December 2021. She was selected by the Andhra Pradesh State Junior Ball Badminton Women team to represent to Junior National Ball Badminton Championship.

Ms.K.Jyothi, II-ECE was selected to Telangana State Basketball Senior Women team and represented at the National South Zone Basketball Championship 2021 held at Coimbatore on 13th to 17th December 2021.

Mr.K.Vasanthakumar, II-Mech was selected for Tamil Nadu State Junior Ball Badminton team and represented at the Junior National Ball Badminton championship.



Star of Andhrapradesh 2021 Award

Ms.Thanuja, II-ECE and Ms.Swetha, II-ECE won the second place in Andhra Pradesh State Ball Badminton Championship held at AP on 25th & 26th December 2021 and selected by the Andhra Pradesh State Senior Ball Badminton Women team and represented at the Senior National Ball Badminton Championship.

Mr.K. Srinadth, II- Mech, won the third place with a cash Prize Rs.4,000, at Andhra Pradesh State Level Badminton Doubles Tournament on 18th December 2021.

Ms.K.Jyothi, II-ECE was selected for Anna University Basketball Women team and represented at the South Zone Inter University Basketball Tournament held at MG University, Kottayam, Kerala, from 27th to 31st December 2021.

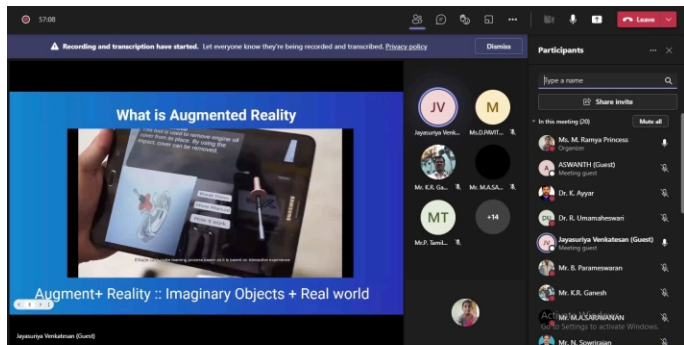


Represent the TN Team in Junior National Ball Badminton Championship 2021

Department of Electronics & Instrumentation Engineering

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

A Webinar on 'Impact of Extended Reality (MetaVerse) in Manufacturing and Process Industries' was delivered by Mr.V.Jayasuriya, (EIE Alumnus/2020 Passed out) Project Manager- XR labs, An Industry 4.0 Company, Chennai on 25th November 2021.



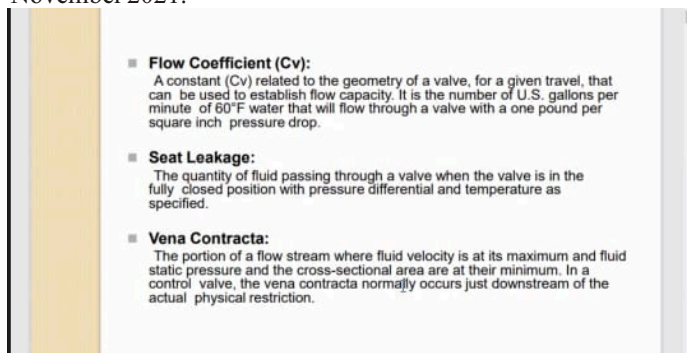
Webinar on 'Impact of Extended Reality (MetaVerse) in Manufacturing and Process Industries'

An SDP on 'Microsoft Office Automation' was delivered by Ms.M.Shanthi A.P (Sr. G) SRMVEC on 23rd November 2021 for the benefit of the staff members.



SDP on 'Microsoft Office Automation'

An FDP on 'Digital Electronics Applications for Process Control and Biomedical Instrumentation' was organized by Mr.K.R.Ganesh A.P (Sr. G) from 22nd November 2021 to 27th November 2021.



FDP on 'Digital Electronics Applications for Process Control and Biomedical Instrumentation'

Dr.R.Umamaheswari A.P (O.G) published a paper on 'Cluster method for sensor networks using hybrid cluster algorithm' in the journal Natural Volatiles and Essential Oils, Vol. 8, Issue 6, Pp: 819-828.

Dr.R.Umamaheswari A.P(O.G) published a book chapter titled ' Development of an Agent-Based Interactive Tutoring System for Online Teaching in School Using Classter ' and ' Machine Learning-Based Microstrip Antenna Design in Wireless

Communications' in the book titled Machine Learning and IoT for Intelligent systems and smart applications.

Virtual Industrial visits were organized on 16th December 2021 from 5.30 PM to 7.00 PM at Retech Solutions Pvt. Ltd, Chennai for EIE students and faculty members.



Virtual Industrial visits to Retech Solutions Pvt. Ltd, Chennai

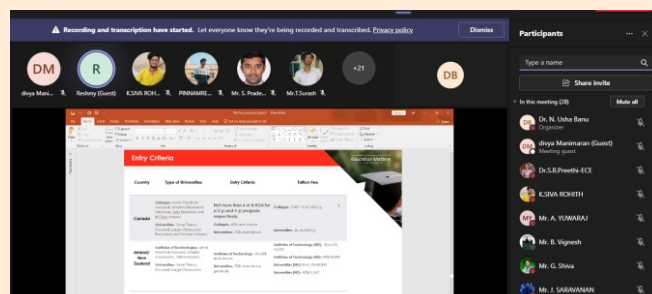
Dr.R.Umaheswari A.P (O.G), edited a book titled 'Machine Learning and IoT for Intelligent systems and smart applications', CRC Press, Taylor and Francis, November 2021

R.Prakash and Dr. K. Ayyar Asso. Prof. published a paper on 'An enhanced whale optimized fractional order piλ controller based power quality improvement for sensorless brushless dc motor under dynamic operating conditions' in the Journal of Intelligent & Fuzzy Systems, DOI: 10.3233/JIFS-212167, 19th September 2021, pp. 1-20.

B.V. Asswanth II year EIE won gold in Thiruvallur district Senior singles and mixed doubles Championship Badminton organized by Tamilnadu Badminton Association held at Ambattur Badminton Association, Chennai on 30th October 2021 & 31st October 2021.

B.V. Asswanth II year EIE was the quarter-finalist in South Zone Inter-University Badminton (MEN) Tournament organized by Koneru Lakshmaiah Education Foundation,Guntur, AP from 6th December 2021 to 10th December 2021.

STUDENT AFFAIRS CELL



The Student Affairs Cell of SRM Valliammai Engineering College organized a webinar on Global study & Job opportunities in higher education abroad on 20th Dec. 2021. Ms. Reshmy Vijay, Director, Education Matters delivered a presentation on the opportunities in higher education in countries abroad for all the department students. She briefly explained the eligibility requirements and the scholarship details for the higher education in Canada, Singapore, US and other European countries to the students.

This webinar was organized for the benefit of the students from all departments to provide career guidance and post Covid impact on higher education in abroad universities. The Coordinators of Student Affairs Cell Dr.N.Usha Bhanu, Prof/ECE, and Dr.M.Senthil Kumar Associate Prof/CSE with the support of other staff from different departments organized the programme effectively. The students clarified their doubts regarding entry criteria, fee structure and Scholarship details with the resource persons. Totally, 34 students from different departments participated in the webinar.

Computer Society of India

The SRM Valliammai Engineering College Computer Society of India Student Branch organized the 'DRIFT-A-BATE' event. More than 100 students participated in the event. The event was conducted on 3rd Oct. 2021 and had two rounds. In the first round, the participants were sent google forms through mails that contained 30 questions. The participants who scored more marks were selected for the second round. In the second round, a debate was conducted. The winners were Gautham Gopan.G from SRMIST, Ramapuram secured first place. Aditya Subramanian.S from SRMIST, Ramapuram secured second place. Sneha.K from SRM Valliammai Engineering College secured third place.

The SRM Valliammai Engineering College Computer Society of India Student Branch organized the 'HOLMES-QUEST' event. 106 students participated in the event. The event was conducted on 24th October 2021 and had two rounds. In the first round, the participants were sent the google forms through mails which contained 30 questions. The participants who scored more marks were selected for the second round. In the second round ENIGMA, the participants were asked to solve cryptic codes and logical hacking questions. The first place was secured by Chrisolus Timonsingh.J from SRM Valliammai Engineering College. Thomas. A from Loyola Arts and Science College secured second place, Ashutosh Kumar from SRM Institute Of Science And Technology, Ramapuram secured the third place.

The SRM Valliammai Engineering College Computer Society of India Student Branch organized the 'SQL-s-Cape' event. In that, more than 170 students participated. We conducted an event on 31st October 2021. In the first round, the participants were given 20 MCQs in the registration link. The shortlisted candidates were selected to the second round based on their scores. In that, they answered five questions based on SQL. The winners were Aishwarya.S from KCG College of Engineering secured first place; Thomas. A from Loyola Arts and Science College secured the second place; Elakkiya.M from SRM Valliammai Engineering College secured the third place.

The SRM Valliammai Engineering College Computer Society of India Student Branch organized the Connect-N-Talk event. In that, more than 60 students participated. The event was conducted on 14th November 2021 and had two

rounds. In the first round named Techie- Cooze, participants were sent the google forms through mails which contained 30 questions of technical connections. The participants who scored more marks were selected for the second round. In the second round named Talk-a-Lance, we gave some technical topics to the participants, and they gave a speech about it for 5 minutes. The winners are 'Shubhashree.N' from Government Engineering College, Salem, who secured the first place. Kowshika.G from SRM Valliammai Engineering College secured the second place. Suryaprabha V from Knowledge Institute of Technology secured the third place.

The SRM Valliammai Engineering College Computer Society of India Student Branch organized the 'Turboflux' event. In that, more than 60 students have participated. The registration was open till 9th December 2021. It was conducted on 11th December 2021 and had two rounds. In the first round, the participants have been sent Google forms with 25 Circuit Debugging questions. The participants who gave the most correct answers were shortlisted to the second round. In that, we evaluated the 15 selected participants by advanced Circuit Debugging questions. The participants who answered more questions correctly were selected. Kiruthika.B from Coimbatore Institute of Technology secured the first place, Nandakumar.K from SRM Valliammai Engineering College secured the second place and Hariharan.S.B from Paavai Engineering College Autonomous secured the third place.

The SRM Valliammai Engineering College Computer Society of India Student Branch organized 'Master The Picture' which was conducted exclusively for the 1st-year students in SRM Valliammai Engineering College in which more than 45 students participated. The event was conducted on 18th December 2021. The event had one round called Master the Picture. In this round, an image was displayed to the participants. The participants had to describe the picture displayed to them within the given time limit. Each participant was given a chance to describe the picture displayed to them. The winners were Vikas.P from ECE department, who secured the first place. Praveen Kumar A from IT department, secured the second place and Paul Wilson.T from the Cyber Security department, secured the third place.

The SRM Valliammai Engineering College Computer Society of India Student Branch organized the 'PIC TO GO'

event for the 1st year students. In the event, more than 50 students from 1st year from different departments participated. The registration link was open till 17th December 2021 and was conducted on 18th December 2021. The participants were all informed of the rules and regulations. Then each participant connected the pictures shown in the slide for a technological world. If the participant were unable to connect the pictures the question was passed to the podium for answers. The participants with more points were selected as the winners of the position according to their points. D.Rahul secured the first place, Viswa Jagadeesh secured the second place and P.Vikas secured the third place all from SRM Valliammai Engineering College.



The SRM Valliammai Engineering College Computer Society of India Student Branch organized the 'AD-O-PHILIC' event which was conducted exclusively for 1st-year students

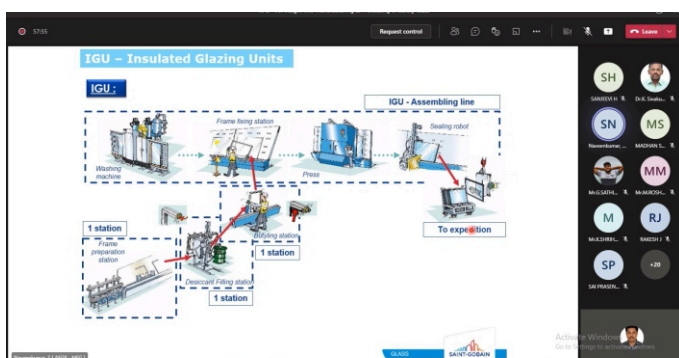


in SRM Valliammai Engineering College. More than 30 students participated. This event was conducted on 02 January 2022. The event had one round called AD-O-PHILIC. In this round, a technical image was displayed to the participants. The participants had to advertise the product displayed to them within the given time limit. Each participant was given a chance to describe the picture displayed to them. The winners were Sedumadhavan A from ECE department, who secured the first place, Lingeshwaran M from EEE department, secured the second place. Harish Raj C P from AI & DS department, secured the third place.

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

Department of Mechanical Engineering

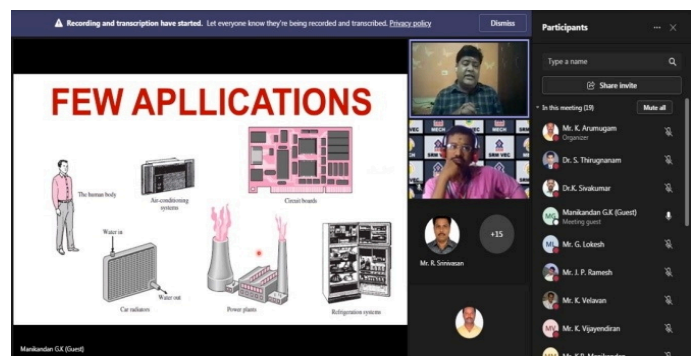
A Guest Lecture on 'An Insight into Manufacturing and Processing of safety glass' conducted through online mode on 25th Nov. 2021. The resource person Mr.S.Naveen Kumar, (Alumnus) B.E., Quality Management, Quality control and Assurance, Saint-Gobain Glass India Private Limited, Sriperumbudur, delivered the expert lecture on the following topics: Fabrication of safety glass, Methods of heating process during glass manufacturing, Glass cutting and grinding process, Testing of glass by non-destructive testing, Insulated glazing units, IGU-Frame preparation station for safety glass, Desiccant filling station and role of butyl station in IGU, Glass pressing procedure in IGU. A total 85 students registered and 51 students participated in the guest lecture.



Guest Lecture on 'An Insight into Manufacturing and Processing of safety glass'

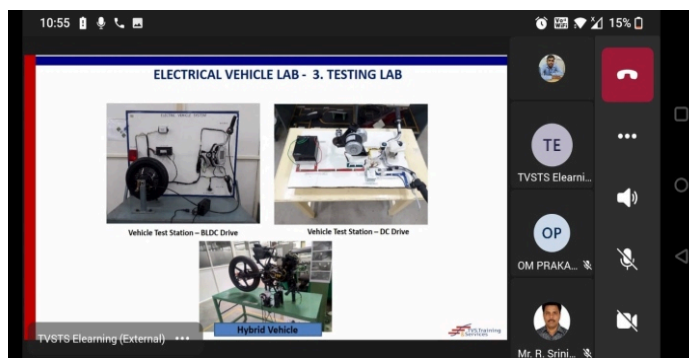
A six day Faculty Development Programme on 'Concepts of Applied Thermodynamics, Heat and Mass Transfer and Kinematics of Machinery' from 25th Nov. 2021 to 1st Dec. 2021 for the faculties. The following were the resource persons Dr.K.Santhanam, Professor, K.S.Rangasamy College of Technology, Tiruchengode, Mr.G.K.Manikandan, Associate Professor, SSM College of Engineering, Komarapalayam, Namakkal, Dr.L.Saravana Kumar, Associate Professor, Sri Sairam Engineering College, Chennai, Dr.S.Suresh Kumar,

Associate Professor/ Mechanical SSN College of Engineering, Chennai, Mr.M.Vadivel, Asst. prof./ Mechanical, SRM Valliammai Engineering College, Chennai, Mr.S.Sivasankar, Asst. prof./ Mechanical, SRM Valliammai Engineering College, Chennai and Mr.K.Vijayendiran, Asst. prof./ Mechanical, SRM Valliammai Engineering College, Chennai explained the following topics: Basic kinematic concepts and definitions, kinematic inversions of four-bar chain and slider crank chains, description of some common mechanisms and kinematics of cam mechanisms, Basic concepts of heat conduction, General differential equation heat conduction and various gas power cycles. Kinematic analysis of simple mechanisms like displacement, velocity and acceleration analysis and detail concept of internal combustion engines, Conservation equations, forced convection, free convection, gas turbines friction in machine elements radiation.



FDP on 'Concepts of Applied Thermodynamics, Heat and Mass Transfer and Kinematics of Machinery'

Virtual Industrial Visit to TVS Training and Services Ltd were conducted through online mode on 25th Dec. 2021. The virtual walk through was guided by Mr. Muneeshwaran, Technical Trainer, TVS Training & Services Ltd., who explained the technical concepts of Industrial Engineering. The virtual walk covered various departments like Additive Manufacturing facility, CNC lab, Metrology & Measurements Lab, Welding shop, Maintenance lab, Electric vehicle division, Automation lab, PLC lab, QMS. The area covered in virtual visit covered was



Virtual Industrial Visit to TVS Training and Services Ltd

very useful for everyone to learn about the various industrial process, understanding the concept of Quality Management system and Clear understanding of shop floor activities. A total of 120 students registered out of which 72 students participated in the virtual industrial visit.

Mr.Suresh Pungaiah, Asst Prof (O.G) successfully defended his Ph.D. thesis on 'Experimental investigation and CFD Analysis of Heat Transfer in Automobile Radiator using Nano coated tubes

Mr.S.Sivalingam, Asst Prof (Sr.G), Mr.R.Srinivasan, Asst Prof (Sr.G), Mr.J.P.Ramesh, Asst Prof (Sr.G), Ms.N.Nithya, Asst Prof (Sr.G), Mr.P.Ramu, Asst Prof (O.G), Mr.K.P.Manikandan, Asst Prof (O.G), Mr.S.Sivasankar, Asst Prof (O.G), Mr.P.Vijayan, Asst Prof (O.G) and Mr.S.Pradeep, Asst Prof (O.G) successfully completed the 5-day online FDP on the theme 'Inculcating Universal Human Values in Technical Education' organised by AICTE from 22nd Dec 2021 to 26th Dec. 2021.

Mr.R.Ashok, Asst Prof (Sr.G) published a research paper on 'Design Of Pipe-Inspection Robot For Pipeline Systems' in the International Journal Of Current Engineering And Scientific Research, ISSN (Print): 2393-8374, (Online): 2394-0697, Volume-8, Issue-11, 2021.

Thiyagarajan Muthu Krishnan, Isaac Dinaharan, Ramaswamy Palanivel and Chinnasamy Balamurugan published a paper titled 'Prediction of tensile strength and assessing the influence of process parameters of magnetically impelled arc butt welded AISI 409 ferritic stainless steel tubes', in the International Journal of Advanced Manufacturing Technology, (2021). (Impact factor-3.226) <https://doi.org/10.1007/s00170-021-07892-9>

T. Muthu Krishnan, C. Balamurugan, I. Dinaharan and R.Palanivel published a paper titled 'Influence of arc duration on microstructure and tensile behavior of magnetically impelled arc butt welded AISI 409 ferritic stainless steel tubes', Materials Science & Engineering A831(2021)-142257, (Impact factor-5.234) <https://doi.org/10.1016/j.msea.2021.142257>

Mr.P.Ramu, Asst Prof (O.G) and R.Ramkumar, Asst Prof (O.G), published a research paper on 'Optimization Of Machining Parameters In End Milling of Gfrp Using Rsm-Sa' Systems' in the International Journal of Current Engineering And Scientific Research, ISSN (Print): 2393-8374, (Online): 2394-0697, Volume-8, Issue-11, 2021.

Mr.S.Sivalingam, Asst Prof (Sr.G), Mr.P.Vijayan, Asst Prof (O.G), Mr.R.Ramkumar, Asst Prof (O.G), Ms.D.Sony Priyanka,

NCC

NCC Army wing established the 'Fully Self Financing Scheme (FSFS)' in our Institution from the academic year 2021-2022.

17 NCC Naval wing cadets participated in Boat Pulling cum CATC Camp 2021 at SRM Institute of Science and Technology, Kattankulathur from 27th December 2021 to 6th January 2022.

Asst Prof (O.G) and Mr.P.Vijayan, Asst Prof (O.G) successfully completed the 5-day online FDP on the theme ME8501 Metrology and Measurements 'organised by University College of Engineering, Thirukkuvalai from 31st May 2021 to 5th June 2021.

Ms.N.Nithya, Asst Prof (Sr.G), Mr.M.Vadivel, Asst Prof (O.G) successfully completed NPTEL Online Certification course on Advanced Machining Processes during Aug-Oct 2021.

Mr.S.Sivalingam, Asst Prof (Sr.G), Mr.R.Srinivasan, Asst Prof (Sr.G) published a research paper on 'Investigation Of Mechanical Behaviour Of Mango Seed Peel Particulate Epoxy Composite' in the I-Managers journal on Mechanical Engineering, Vol 11, No 4, Aug-Oct 2021.

Mr.S.Sivalingam, Asst Prof (Sr.G), Ms.N.Nithya, Asst Prof (Sr.G), Mr.R.Ramkumar, Asst Prof (O.G), Ms.D.Sony Priyanka, Asst Prof (O.G) and Mr.G.Rajesh, Asst Prof (O.G) successfully completed the 5-day online FDP on the theme 'ME8594 Dynamics of Machines' organised by K.S.Rangasamy College of Technology, Thiruchengode from 5th May 2021 to 15th May 2021.

Mr.G.Ananth, Asst. Prof. (Sel.G), successfully completed NPTEL Online Certification course on Ethics in Engineering Practice during Aug-Oct 2021.

Mr.S.Sivalingam, Asst Prof (Sr.G) published a paper titled Hazard Identification And Risk Assessment In Lignite Handling System Of Thermal Power Plant in the I-Managers journal on Mechanical Engineering, Vol 15, No 4, March-May 2021.

Dr,S,Thirugnanam, Professor, presented a paper on 'Practical Study on Mechanical Characteristics of Al6061-Ash-SiC Metal Matrix Composites' in International Conference on Materials Research in Science and Engineering, K-MRSE 2021.

Dr,S,Thirugnanam, Professor, presented a paper on 'An Experimental Investigation On Mechanical Properties of Aluminium-7075 Based Graphite and Bagasse Ash Particles Reinforced Metal Matrix Composite' in International Conference on Materials Research in Science and Engineering, K-MRSE 2021.



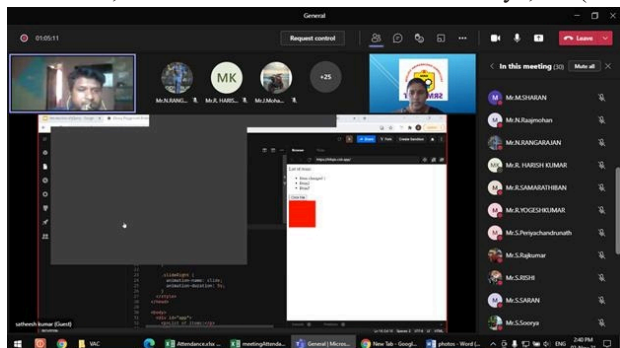
Dr. M. Anbuhezhiyan Assoc. Prof./ Physics received the Active SPOC certificate from NPTEL based on the performance and participation of candidates for January to December 2021 NPTEL online courses.

Dr. J. Krishnamurthi Asst. Prof. / Chemistry received the mentor certificate for NPTEL online certification course 'Introductory Organic Chemistry II' for the period July-December 2021.

Nearly 139 students and 10 Faculty members successfully completed the NPTEL online examination during the period January to December 2021 from our NPTEL Local Chapter.

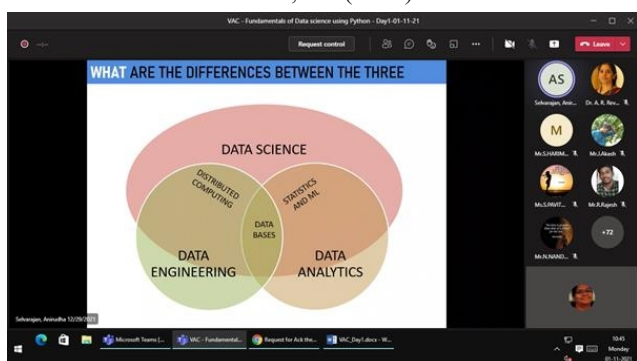
Department of Information Technology

A Value Added Course on 'Full Stack Development with Spring Boot' was organized from 1st November 2021 to 3rd November 2021 for students and staff. The Resource persons were Ms.S.Sandhya, A.P, Dr.B.Muthusenthil, Asso. Prof., Mr.R.Satheesh Kumar, Lead Software Engineer Comcast-Chennai and Mr.M.Ramprakash, Senior Software Engineer Rolo-Taiwan, and the coordinator was Ms.S.Sandhya, A.P(O.G).



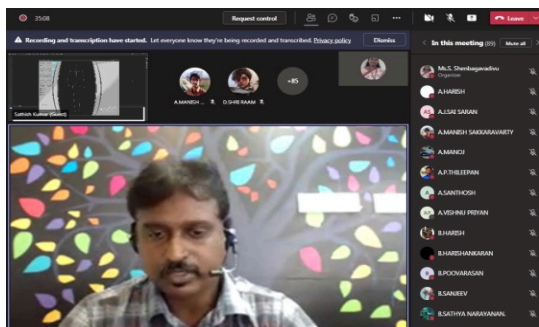
VAC on 'Full Stack Development with Spring Boot'

A Value Added Course on 'Fundamentals of Data Science using Python' was organized from 1st November 2021 to 3rd November 2021 for students and staff. The Resource persons were Dr.A.R.Revathi, Associate Professor, Ms.S.Anirudha, Senior Analyst, Tiger Analytics, Ms.Shenbagavadivu, A.P, Ms.Nandhini, Project Engineer, Pantech Solutions and the coordinator was Dr.D.Sridevi, A.P (Sr. G).



VAC on 'Fundamentals of Data Science using Python'

A Virtual Industrial Visit to 'Image Creative Education' was organized on 22nd November 2021. Totally 88 students have attended from third year IT and the Resource Person was Mr.Sathish kumar, Associate Academic Head Senior Subject Leader of Graphic & Web Technology, Image Creative Education Pvt Ltd and the coordinator was Ms.S.Shenbagavadivu A.P(Sr.G).



Virtual Industrial Visit to 'Image Creative Education'

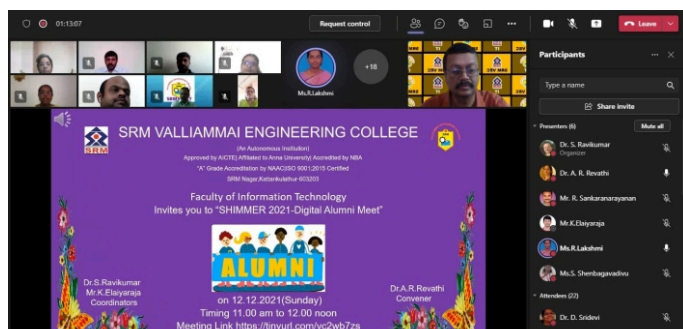
A Physical mode of Industrial Visit to 'Image Infotainment Ltd' was organized on 4th December 2021, Totally 52 Second year IT Students participated in the visit. The Resource Person was Mr.Kameshwaran AR/VR Technical Advisor, Image

Infotainment Ltd. and the coordinator was Ms.R.Thenmozhi, AP (Sel.G)



Physical mode of Industrial Visit to 'Image Infotainment Ltd'

A Digital Alumni Meet 'SHIMMER 2021' was organized on 12th December 2021 for the Alumni. About 26 alumni from 2003 to 2020 batches attended the event. The coordinators were Dr.S.Ravikumar, A.P(Sel.G), and Mr.K.Elaiyaraja A.P (Sr. G).



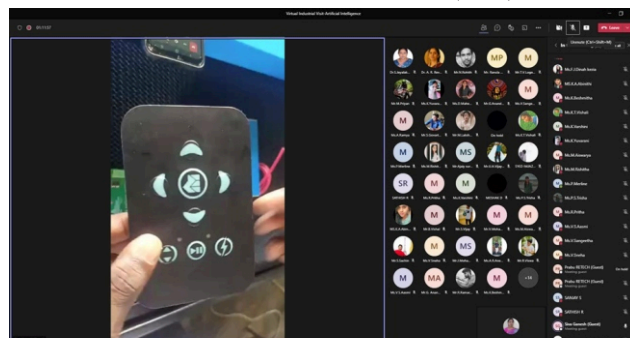
Digital Alumni Meet 'SHIMMER 2021'

A one day STTP on 'Effective Laboratory Maintenance' was organized on 28th December 2021 and the Resource persons were Mr. G. Mr.G.Vivekanandan, A.P(O.G), Mr.M.Jaylaseelan, S.E / Service section, Mr.S.Venkatesan, Programmer/ Service section. The coordinator was Mr. K. Sankara Narayanan, A.P(O.G).



STTP on 'Effective Laboratory Maintenance'

A Virtual Industrial Visit to 'Retch Solutions Pvt Ltd' was organized on 31st December 2021, Totally 50 students have attended from Second year AI&DS and the Resource Persons were Mr.Prabhu, Marketing Manager, Retch Solutions Pvt. Ltd. The coordinator was Ms.K.Mohanambal A.P(Sr.G).



Virtual Industrial Visit to 'Retch Solutions Pvt Ltd'

Dr.A.R.Revathi, Asso. Prof., published a journal article titled 'Fuzzy Based Reliable Load Balanced Routing Approach for Ad hoc Sensor Networks' in Tech Science Press, Computer Systems Science & Engineering, December 2021,DOI:10.32604/ csse.2022.021049 (Scopus).

Mr K.Elaiyaraja.A.P(Sr.G) and Ms S.Sandhya.A.P(O.G) published a book Chapter titled 'Enhanced Effective Generative Adversarial Networks Based LRSD and SP Learned Dictionaries with Amplifying CS' and 'An Automated Hybrid Transfer Learning System for Detection and Segmentation of Tumor in MRI Brain Images with UNet and VGG-19 Network' respectively in a volume of Machine Learning and IoT for Intelligent Systems and Smart Applications, Taylor and Francis Series. November 2021.

Dr.D.Sridevi A.P(Sr.G),. presented a paper titled 'Smart garbage management system using smart technologies' on Virtual International conference on Smart Water Management(SWM-2021) organized by Dept. of Chemical Engineering, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur from 11th October 2021 to 12th October 2021.

Ms.S.Sandhya,A.P(O.G),. presented a paper titled 'A Hybrid Guided Filtering and Transform Based Sparse Representation Framework for Fusion of Multimodal Medical Images' on Virtual International Conference on Futuristic Communication and Network Technologies (VICFCNT 2021), organized by School of Electronics Engineering, Vellore Institute of Technology Chennai from 10th December 2021 to 11th December 2021.

Dr.S.Ravikumar, A.P(Sel.G). has been recognized as a Supervisor (Ref.No.: 3840022) for guiding Ph.D. scholars of Anna University under the faculty of Information and Communication Engineering from October 2021.

Ms.S.Sandhya,A.P (O.G) has been awarded the Best Paper Award for the paper titled 'A Hybrid Guided Filtering and Transform Based Sparse Representation Framework for Fusion of Multimodal Medical Images' in the Virtual International Conference on Futuristic Communication and Network Technologies (VICFCNT 2021), organized by School of Electronics Engineering, Vellore Institute of Technology Chennai, from 10th to 11th December 2021.

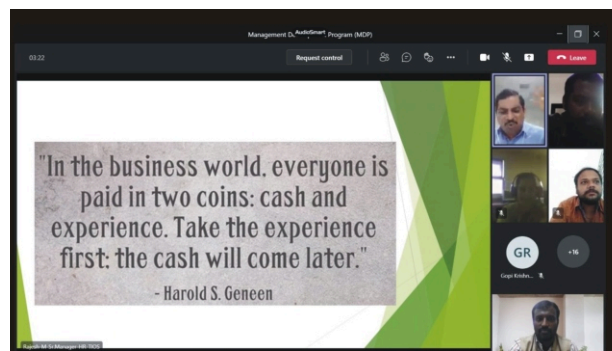
Mr.R.Sankaranarayanan,A.P(O.G) achieved the Certificate of Excellence Rank S/Lt, Unit 4 (TN) Naval Tech dated 03rd December 2021 awarded by Group Commander, NCC Group HQs, Madras 'B'.

Totally 4 staff members attended FDP/STTP and 2 staff members attended workshop.

Number of students attended Webinar/Seminar/Guest Lecture:17, Symposium=05, Workshop=02, Course Completion=27, Value Added Course:35, Training/Internship=10.

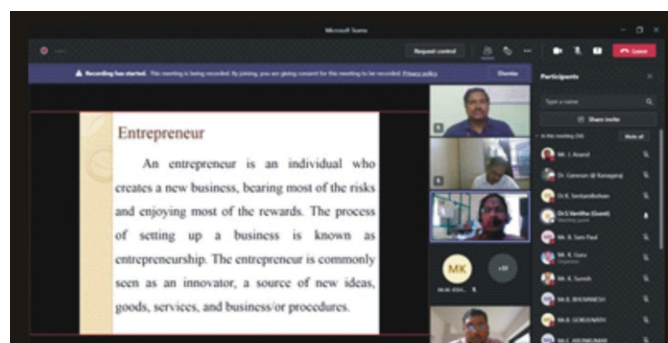
Department of Management Studies

The department of Management Studies organised a Management Development Programme on 2nd November 2021. Mr. M. Rajesh, Business Unit Head - HR, Tube Investments of India delivered a lecture on 'Developing Career growth and profile building in Corporates' focusing on business ownership, high standard performance. The session was followed by a lecture by Dr.Sridhar Sundaram, Chief Technology Officer, Dark2Design, Chennai on 'Personal Branding for HR Managers'. The programme was attended by 23 industry professionals from various organisations.



Lecture on 'Developing Career growth and profile building in Corporates'

A Guest Lecture on 'Ethics for Entrepreneurs' was organised by the Dept. of Management Studies on 29th November 2021. Dr.S.Vanitha, Associate Professor, Department of Commerce and Financial Studies, School of Business Studies, Bharathidasan University delivered the lecture. Students from II Year MBA participated and benefited from the programme.



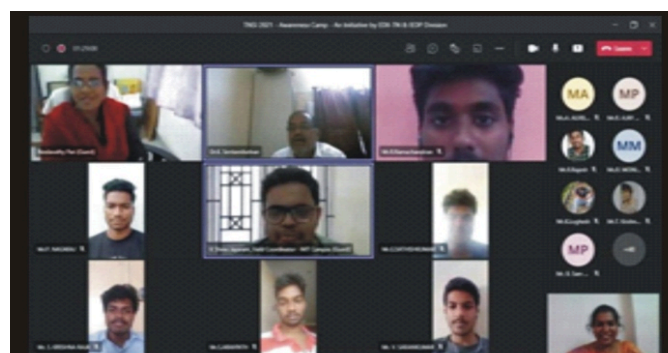
Guest Lecture on 'Ethics for Entrepreneurs'

A Staff Development Programme on 'Work Culture Behaviour' was conducted for the Non-Teaching Staff Members by the Dept. of Management Studies on 11th December 2021. The session was focused towards Work Culture as a collection of attitudes, belief and behaviour.



SDP on 'Work Culture Behaviour'

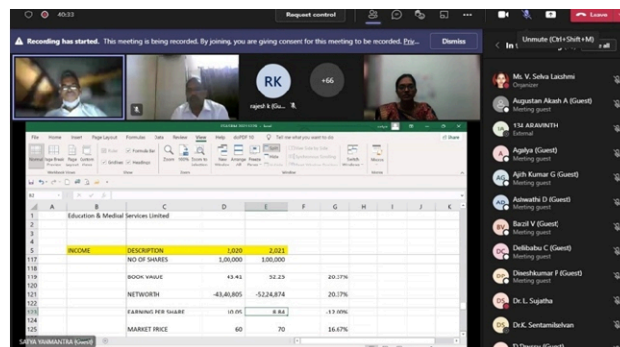
The department of Management Studies in association with Entrepreneurship Development Cell organized an Online Awareness Program about the Tamilnadu Student Innovator Award (TNSI) 2021 - an initiative by EDII-TN & MIT-IEDP on



Online Awareness Program about the Tamilnadu Student Innovator Award (TNSI) 2021

18th December 2021. Dr. S. Neelavathy Pari, Assistant Director, CED, MIT Campus, Anna University and Mr. K. Shree Jayaram, Field co-coordinator MIT-IEDP Hub, Chennai delivered a lecture. Students from various departments of the institution participated and benefited from the event.

The department of Management Studies, organised an Online Guest Lecture on 29th December 2021. Mr. Satyanarayanan Yanmantram, Partner, Sri Krishna Capital, Chennai delivered a lecture on 'Analysis of Financial Statements'. First Year MBA students of the department participated and benefitted from the event.



Online Guest Lecture on 'Analysis of Financial Statements'

NSS

The NSS award function for the year 2020-21 was conducted on 29th December 2021 at TAG, Auditorium, Anna University, Chennai. Dr. S. Parthasarathy, NSS Programme Officer, SRM Valliammai Engineering College received the best NSS Programme Officer and the NSS volunteers Ms.P.Pooja Rao, Final Year, B.Tech. (I.T.) and Mr. M. Navin Kumar, Final Year, B.Tech. (I.T.) received the best NSS Volunteers Awards for the year 2020-21.



Best NSS Programme Officer and the NSS volunteers Award

The NSS unit of SRM Valliammai Engineering College celebrated the National Unity Day or Rashtriya Ekta Diwas on 1st November 2021 to mark the 146th birth anniversary of the Iron Man of India - Sardar Vallabhbhai Patel. The NSS unit organized a webinar on National integrity for the NSS volunteers, teaching and non-teaching staff. Dr.S.Parthasarathy, NSS Programme Officer put forth an introductory talk about the importance of National Unity Day. He spoke about Patel's role in India's freedom movement and in the integration of India from many princely states. He also highlighted Patel's extraordinary work in unifying the country and working hard towards making India a better place. The teaching, non-teaching staff, NSS volunteers and other students participated in the programme and took the "Rashtriya Ekta Diwas" pledge.

He addressed the gathering and presented thought provoking insights on various aspects of the meaning of the significance of this day. He also focused on the importance of observing Sadbhavana Diwas by highlighting the importance of avoiding violence and improving promote good will among people. Thereafter, the pledge was led by him to the students and faculty.

Our country is celebrating its 75th year of Independence as the 'Azadi Ka Amrit Mahotsav'. In order to commemorate the day of adoption of our Constitution, the occasion of Samvidhan Diwas (Constitution Day) being organized by the NSS unit of SRM Valliammai Engineering College. As per the communication from Ministry of Human Resource Development and AICTE, the celebration of 'India Constitution Day' on 26th November, 2021 was observed by taking the pledge online at 11.00am. All the staff and students took the pledge.

NSS unit of SRM Valliammai Engineering College organized an orientation programme for the newly enrolled students. The programme was conducted through Microsoft Teams, held on 25th October 2021, 26th October 2021, 1st November 2021 & 2nd November 2021 (4 days). The orientation programme commenced with the NSS Programme Officer, Dr. S. Parthasarathy addressing the virtual gathering. He briefed the volunteers on the NSS motto, importance of the NSS, symbol and badge, aims and objectives, role and duties of volunteers, as well as activities to be performed in the village, adopted by the Unit through power point presentation. Videos of the previous years' special camp activities were also played. . About 50 existing and new volunteers participated in the programme. Some existing NSS volunteers shared their experiences with the newly enrolled students. A Motivational talk was given by Dr.R.Saravanan, HOD / History Department, Pachaiyappa's College, Chennai to encourage social work. The programme ended with a vote of thanks.



Department of English

The department of English organised an internal faculty development programme titled 'Probing into the realms of personality development SWOT' on 13th October 2021. The resource person for the FDP was Mr. Abhishek David John, Asst Prof, Dept. of English, SRM Valliammai Engineering College, Kattankulathur. The FDP was organised for the staff members of the department of English.



FDP on 'Probing into the realms of personality development SWOT'

The department of English organised an internal faculty development programme titled 'Acquiring the rudiments of MS Office A Training session' on 22nd Nov 2021. The resource persons for the FDP were Dr D. Sridevi, (Sr.G) Asst Prof and Mr.M. Asan Nainar Asst Prof (Sel.G) , Dept. of Information Technology of SRM Valliammai Engineering College, Kattankulathur. The FDP was organised for the staff members of the English Department. A refresher session of this sort enabled the staff members of the department of English to learn the basics of MS Office. The session enabled the staff members to explore MS Office Excel, Create spreadsheet, moving, copying, inserting, deleting and locking sheets and working with multiple worksheets etc.



FDP on 'Acquiring the rudiments of MS Office A Training session'

Ms.M.Chithra, Head, dept of English, Dr.Sheeba Manodh, Asst. Prof (Sr.G), Ms.R.Geetha, Asst Prof (Sr.G) , Ms.V.Jayanthi Asst Prof (Sr.G), Ms. M.Arthi, Asst Prof (Sr.G), Ms.M.S.Shyamala Asst Prof (O.G) and Mr.Abhishek David John Asst Prof (O.G) participated in a one-day online Seminar on 'Research Writing and Publication' organized by SRM IST Kattankulathur on 12th November 2021.

Ms.M.Chithra, Head, dept of English and Mr.Abhishek David John Asst Prof (O.G) published a book titled 'Effective Communication for Engineers'.

Dr.Sheeba Manodh, Asst.Prof (Sr.G) and V.Jayanthi Asst Prof (Sr.G) and M.Arthi Asst Prof (Sr.G) participated in a webinar on 'Key Concepts and Recent Trends in Childrens' Literature' organized by Hindustan College of Arts and Science on 29th November 2021.

Ms.R.Geetha, Asst Prof (Sr.G) , Ms.V.Jayanthi Asst Prof (Sr.G) , Ms. M.Arthi Asst Prof (Sr.G), and Mr.Abhishek David

John Asst Prof (O.G) participated in a one week FDP on 'Research Methods in Language , Literature and Linguistics' from 6th December to 10th Dec2021.

The department of English organised a workshop for the limited proficient students titled 'Unfolding the challenges of communication' on 11th and 18th December 2021. The students with limited proficiency in English were identified and selected for the above mentioned workshop. Basic grammar items were introduced in a meticulous manner to the students. This workshop helped the students to overcome the fear of learning English and motivated them to initiate their communication in English. The students participated actively during the sessions and most of them showed keen interest in developing their communication.

The department of English organised a JAM Competition for the first year students under the auspices of BURKE Club on 29th Dec. 2021 on MS Teams platform. There were 43 participants who actively took part in the competition. The students displayed their speaking skills very effectively.

Department of Placement & Career Guidance

Registration process started for the Placement Training Programme for the MBA final year students for the academic year 2021-22.

The Head - Placement visited HRs of reputed IT & Core companies in person on behalf of our college conveyed wishes on account of New Year 2022.

Hexaware Technologies, NTT DATA, CronJ, Tech Mahindra, NSEIT, FIS, Zuci Systems, Tata Elxsi, MindTree, AMI, HCL Technologies Ltd., Qualian Technologies (P) Ltd., Amadeus, MSC Technology India Pvt Ltd., Odyssey Technologies & Impiger Technologies are the companies visited & totally 58 students were placed during the month from October to December 2021.

Department of General Engineering

Dr. S.K.Saravanan AP(Sel.G) attended

(i) one day National level Webinar on 'Deep Learning for Image Processing' on 29th October 2021 through online mode conducted by Arjun College of Technology, Coimbatore.

(ii) University Distinguished Lecture titled 'Science, Technology and Innovation Policy 2020 : A Transformative S & T Agenda' organized by SRM University - A.P held on 30th October 2021 through online mode.

(iii) Five-Day Training Programme on 'Cyber Security' organized by the department of Computer Science and Engineering and Cyber Security, SRMVEC, Chennai from 08th November 2021 to 12th November 2021.

(iv) International Webinar on 'Security Challenges in Cognitive Radio Networks' organized by the department of Computer Science and Engineering, Holycross Engineering College, Thoothukudi on 20th November 2021 through online mode.

Dr. S.K.Saravanan AP(Sel.G) organized and attended an offline FDP on 'Ethical Hacking and Cyber Forensic Tools' organized by the department of Cyber Security, SRMVEC, Chennai from 15th November 2021 to 19th November 2021.

Dr. S.K.Saravanan, AP(Sel.G) successfully completed the JAVA test organized by Spoken Tutorial Project, IIT Bombay through online on 7th December 2021.

Mrs. M. Sangeetha, Programmer attended the following Staff Development Programme through offline mode conducted by various departments of our college.

(i) 'Troubleshooting Process in Refrigerator, Air Conditioner and Two Wheelers with Smoke Emission Awareness' organized by the department of Mechanical Engineering on 18th Nov. 2021.

(ii) 'Microsoft Office Automation' organized by the department of Electronics and Instrumentation Engineering on 23rd Nov. 2021.

(iii) 'Work Culture Behavior organized' by the department of Master of Business Administration on 11th Dec. 2021.

(iv) 'Basics of Computer Networks' organized by the department of Computer Science and Engineering on 18th Dec. 2021.

(v) 'Effective Laboratory Maintenance' organized by the department of Information Technology on 28th Dec. 2021.

பாரிவேந்தர் மாணவர் தமிழ் மன்றம்

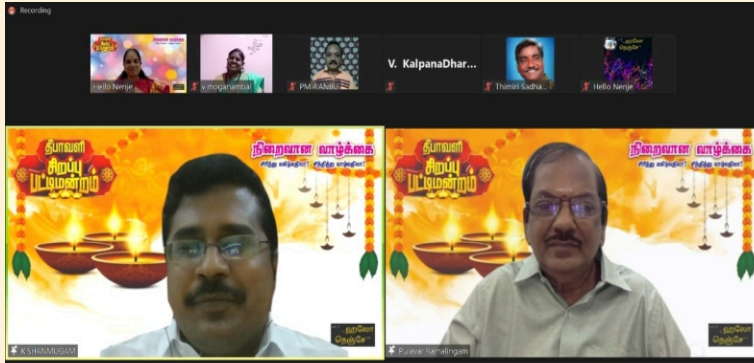


SE.VE. Best Teacher Award

Mr.K.Shanmugam,AP(OG)/CSE received a SE.VE.Best Teacher Award and Dr.Sarvapali Radhakrishnan Award for his amazing and outstanding endeavours and Multiple Talents in the field of Teaching by All India Book of Records, SE.VE. Record Holder Forum.

Mr. K.Shanmugam, AP(OG)/CSE delivered a special address about Dr.Kalam at the Dr.A.P.J Abdul Kalam birth anniversary day on 15th Oct. 2021 organized by Poverty 2 Prosperity Foundation and Kalam School of Thoughts by online mode.

Hello Nenjea (ஹலோ நெஞ்சே) You tube channel organized a Deepavali pattimandram on 19th Oct 2021 on the topic நிறைவான வாழ்க்கை சிரித்து மகிழ்வதிலா? சிந்தித்து வாழ்வதிலா?. Mr.K.Shanmugam, AP(OG)/CSE, participated in the programme and was telecast on the Deepavali day 4th Nov. 2021.



Hello Nenjea

G.Sankar Babu, Dept of ECE Final year, won the first prize in the District Level Speech Competition on 25th Oct. 2021 for 150th birthday of V. O. Chidambaram Pillai.

Mr. K.Shanmugam, AP(OG)/CSE delivered a special address entitled 'Tamil App Development' on 29th Oct. 2021 and 30th Oct. 2021 organized by Sri Krishna Adithya Arts and Science College on online mode.

G.Sankar Babu, Dept of ECE Final year, won the first prize in the District Level Speech Competition on 29th Oct. 2021 on the occasion of Mahatma Gandhi's birthday organized by Tamil development department, TN Government.

Vendhar TV organized a Deepavali Pattimandram show on 31st Oct. 2021 on the topic இன்றைய நாகரீக மாற்றங்கள் அவசியமானதா? ஆபத்தானதா? Mr.K.Shanmugam,AP(OG)/CSE participated in this programme and was telecast on Deepavali 04th Nov. 2021.



Diwali Pattimandram

G.Sankar Babu, Dept of ECE Final year won the second prize in the District Level Speech Competition on 29th Oct. 2021 on the occasion of Mahatma Gandhi's birthday organized by Tamil development department, TN Government. He Won Rs.3,000/- cash award and received winner's certificate from Chengalpet District Collector Thiru A.R.Rahul Nadh I.A.S.

G.Sankar Babu, Dept of ECE Final year and G.Sakthiraj, Dept of ECE Final year met the Director of Delhi Tamil Sangam on 07th Nov. 2021. Both of them, explained the achievement of the Paarivendhar Students Tamil Association. Delhi Tamil Sangam has agreed to provide stage opportunities for our students. Padma Shri Solomon Pappaiah appreciated the active participation of the Paarivendhar Students Tamil Association.



Delhi Tamil Sangam

G.Sankar Babu, Dept of ECE Final year and G.Sakthiraj, Dept of ECE Final year met the Director of University of Jammu on 12th Nov. 2021. Both of

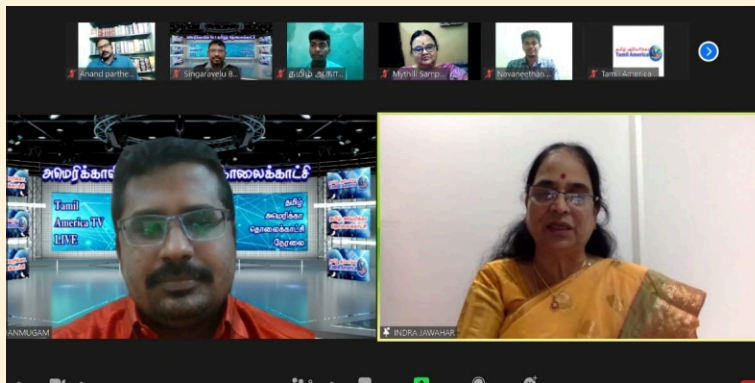
them explained the achievements of Paarivendhar Students Tamil Association. University of Jammu has also agreed to provide the stage opportunities for our students.

'Tamizh Karka Kasadara' You tube channel organized a pattimandram on 13th Nov. 2021 on the topic தற்போதைய காலகட்டத்தில் பண்டிகைகள் நம்மை திருப்தி படுத்துகிறதா? திணற வைக்கிறதா?. Mr.K.Shanmugam,AP(OG)/CSE, was the judge of this programme.

K.Sankar Babu, Dept of ECE Final year, participated in the Inter College Tamil Elocution Competition on 21st Nov. 2021 organized by 'Marathal Thagumo' as a tribute to the Indian Armed Forces.

SRM Valliammai Engineering College, Paarivendhar Students Tamil association organized a debate show on 'சட்டத்தின் ஒளியில் சமூக நீதி' on 09th Dec. 2021 for the Tamil Mandram students. More than 20 participants attended this event.

'Tamil America TV' and 'Delhi Kalai Illakiya Peravai' organized an International Pattimandram on 10th Dec. 2021 on the topic வாழ்க்கையில் மனநிறைவைத் தருவது பெறுவதிலா? கொடுப்பதிலா? Mr.K.Shanmugam,AP/CSE, participated in the programme.



Tamil America TV

Vendhar TV organized a Christmas Day Pattimandram show on 18th Dec. 2021 on the topic இளைய சமுதாயத்தின் வெற்றிக்கு துணை நிற்பது பெற்று எடுத்த வர்களா? கற்றுக் கொடுத்த வர்களா? Mr.K.Shanmugam, AP/CSE participated in the programme which was telecast on Christmas Day 25th Dec 2021.



Christmas Day Pattimandram

Mr. K.Shanmugam , AP,CSE delivered a Guest lecture entitled Tamil App Development on 18th Dec. 2021 organized by Anna University, Thirunelveli by online mode.

Mr. K.Shanmugam, AP(OG)/CSE delivered a Guest lecture entitled Tamil App Development on 11th Dec. 2021 organized by PSG Arts and Science College, Coimbatore on online mode.

Mr. K.Shanmugam , AP(OG)/CSE delivered a International Guest lecture entitled Tamil Computing Techniques on 7th Nov. 2021 organized by Thamizharitham Nutpiyal Ulagayam, Srilanka on online mode.

Mr. K.Shanmugam, AP(OG)/CSE delivered an International Guest lecture entitled 'International Workshop on Artificial Intelligence in Tamil' on 28th Oct. 2021 organized by Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore on online mode.

Mr. K.Shanmugam , AP(OG)/ CSE participated in Vijay TV, Neeya Nana Show entitled நவீன கூட்டு குடும்பங்களை எதிர்ப்பவர்கள் on 06th Dec. 2021 which was telecast on 26th Dec. 2021 at Vijay TV.

Mr.K.Shanmugam, AP(OG)/CSE has been elected for the Best Teacher-Global Teacher Award (பன்னாட்டு ஆசிரியர் விருது-2021) for his Tamil activities in college and his Tamil talent and exemplary skills by World Tamil Epics Research Association, Malaysia and International Tamil Education Research centre, Tamil nadu.



Vijay TV - Neeya Naana

Mr.K.Shanmugam,AP(OG)/CSE has received the Kalaingar Award டாக்டர் கலைஞர் கருணாநிதி பன்முக படைப்பாளர் விருது for his Tamil activities in college and his tamil talent and exemplary skills by Theepantham Monthly Magazine on 27th Nov. 2021 at Salem.

Mr.Solairaj, Dept of CSE Final year won the State level First Prize in the Mobile App Development on 29th Dec. 2021 organized by Sri Krishna Adithya Arts and Science College and won Rs.1,000/- cash award and certificate.



Department of Mathematics

Dr. S.Chitra, HOD /AP (Sl.G), Dr.V.Vijayalakshmi /AP(Sl.G), Dr.T.Isaiyarasi /AP (Sl.G) and Mr. N. Sundarakannan /AP (O.G) published a paper titled 'Application of Sage Math, Python coding in Vertex Edge and Efficient Vertex - Edge Dominating Sets in Graphs, Fuzzy Graphs' in Turkish Journal of Physiotherapy and Rehabilitation, Volume 32, Issue 3, PP 21506-21515 October 2021 (Web of Science, Scopus, ESCI Indexed Journal)

Dr. S. Chitra, HOD /AP (Sl.G), was the Resource person in a Webinar on 'Possible Real time Approaches to Statistics' organized by the department of Mathematics and Statistics New Prince Shri Bhavani Arts and Science College, Chennai.

Dr. V.Vijayalakshmi /AP(Sl.G), presented a paper titled 'Smart Garbage Management system using smart Technologies' in Virtual International conference on smart waste Management system organized by the department of Chemical Engineering, SRMIST, Kattankulathur on 11th October 2021.

Ms. V. Nagarani /AP (O.G), Dr. T. Isaiyarasi, /AP(Sl.G), Mr.N. Sundarakannan /AP O.G) and Dr. S. Chitra HOD /AP (Sl.G), published a paper titled 'Multipart Key Agreement Protocol Using Factorization Search Problem in Five-Dimensional Discrete Heisenberg Group' in Design Engineering, Issue: 8, PP 8384-8396 Oct 2021(Web of Science, Scopus, ESCI Indexed Journal).

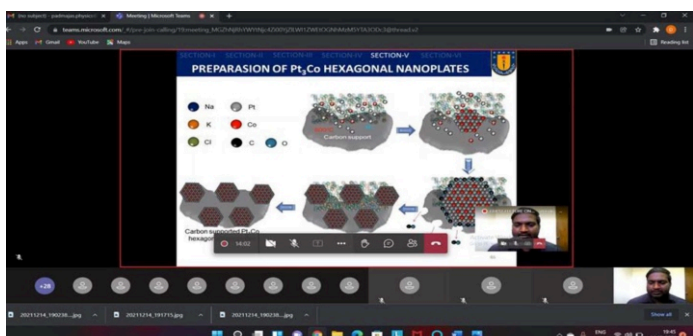
The Mathematics Association 'EULER.COM' organized a Guest Lecture on 'Matrices and its Application' on 3rd Dec 2021 for all the I year students. The lecture was delivered by Dr.P.Kandan, Assistant Professor, Department of Mathematics, Government Arts College, Chidambaram. He spoke on the topic 'Application of Matrices, Eigen Values and Eigen Vectors'.

The Mathematics Association 'EULER.COM' organized an International Webinar on the 'Recent Advancements in Engineering Mathematics' on 18th December 2021. The lecture was delivered by Dr. R.Pugalarasu, Head of Maths Section, University of Science and Technology, IBRI, Sultanate of Oman. He spoke on the topic 'Application of Mathematics in Engineering, Technology and Real World Problems'. He also gave many ideas to solve aptitude type of questions under this topic.

No of webinars attended by the staff - 12.

Department of Physics

The Department of Physics organized an expert Lecture on 'Recent trends in Fuel cells' through online mode on 14th December 2021. The Chief Guest was Dr. Moorthi Lokanathan,



Expert Lecture on 'Recent trends in Fuel cells'

FONDECYT Postdoctoral fellow, Department of Materials Engineering, University of Concepcion, Concepcion, Bio, Chile.

The Department of Physics organized an expert Lecture on 'Photonic Materials' through online mode on 17th December 2021. The Chief Guest was Dr. S. Devashankar, Assistant Professor, Department of Physics, L.N. Government College, Ponneri, Tamil Nadu.



Expert Lecture on 'Photonic Materials'

Dr.H.Krishnan, Prof. & Head participated in the three days 'Examination reforms' workshop conducted by AICTE.

Mrs. D. Praveena, AP completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on 'High Speed Optical Links and Photonic Devices for Next Generation Data Transmission' organized by Indian Institute of Information Technology, Kota from 11th to 15th October 2021.

Mrs. Nithya Balaji, AP, Mrs. Sasireka, AP and Mrs. Ramya Rajan M. P, AP completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on 'Outcome based curriculum and examination reforms' organized by B.V.V.S. Polytechnic (autonomous), Bagalkot from 25th to 29th October 2021.

Dr. M. Anbuezhayan, Assoc.Prof. participated in the NPTEL E-awareness workshop organized by IIT Madras, on 17th November 2021.

Dr. M. Anbuezhayan, Assoc.Prof. published a research paper 'Photocatalytic activity of hydrazine hydrate passivated ZnO nanostructures synthesized by hydrothermal method in i-Managers Journal on Material Science Vol.9, No.1, p.no.48-53.

Dr. K. Thirupathi, AP published a research article on 'Tuning visible emission of core-shell nanostructure by exchange the inner and outer layer' in Chalcogenide Letters, Vol. 18, No 11. p.no 693-700.

Mrs. D. Praveena, AP completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on 'ROAD-Response Effectiveness, Organizing Self, Attitudinal Shift and Decision Making' Gauhati University Institute of Science and Technology from 22nd to 26th November 2021.

Mrs. D. Praveena, AP participated in the 'International Conference On Advanced Materials And Mechanical Characterization (ICAMMC-2021)' organized by the Department of Physics and Nanotechnology and Department of Mechanical Engineering, SRM Institute of Science and Technology in association with the Indian Institute of Science (IISc), Indian Institute of Technology (IIT) Delhi, IIT Madras, IIT Hyderabad, IIT Indore, Indian Institute of Metals Chennai Chapter, ASM International Chennai Chapter, Indian Ceramic Society, Indian Physics Association, and American Ceramic Society India Chapter from 2nd to 4th December 2021.

Mrs. D. Praveena, AP completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on 'Emotional Intelligence' organized by International Management Institute Bhubaneswar from 13th to 17th December 2021.

Dr.L.Devaraj Stephen, Assistant Professor (Sr.G) participated in the Celebration of Science Festival (VigyanUtsav) as a part of the celebration of the 75th Year of Independence (Azadi ka Amrit Mahotsav) under the theme of 'Human Resource Development' conducted on 6th October 2021 organized by Tamil Nadu State Council for Science and Technology, Chennai.

In the National Virtual Conference on 'Recent Advances in Materials Science' (NVCRAMS) 2021, organized by St. Peter's Institute of Higher Education and Research (SPIHER), Chennai during 7-8th October 2021, the Staff noted below presented papers.

Dr. L. Devaraj Stephen, Assistant Professor (Sr.G) presented a paper on 'Enhancement of Photocatalytic Performance of the Metal centered CoIII(L)33+ with nm-TiO2 in Binary Solvent Medium'.

Dr. J. Krishnamurthi, Assistant Professor (Sr.G) presented a paper on 'Catalytic Enantioselective Intermolecular Cycloaddition of Diazoketoester with Allenes using Chiral Dirhodium (II) Carboxylate'.

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

Dr. M. Soundarajan, Assistant Professor (O.G) presented a paper on 'The Role of pH in the Adsorptive Removal of Toxic Metals (Cd²⁺ and Cr⁶⁺) from Waste water by Chitosan coated Carbon Biosorbent'.

Mr.V.Arivalagan, Assistant Professor (Sr.G) presented a paper on 'Dielectric and Thermal Studies of Arene Based Imine Skeletal Nanotitania Reinforced Polybenzoxazine Nano Composites'.

Ms. M. Meera, Assistant Professor (O.G) presented a paper on 'Nanosilica Reinforced Pyrenyl Pendent Pyridine core Imine Skeletal Polybenzoxazine (nSiO₂/PBZ) Hybrid Nanocomposites'.

Dr. L. Devaraj Stephen, Assistant Professor (Sr.G) participated and successfully completed AICTE Training and Learning (ATAL) Academy Online FDP on 'Materials and Techniques for the treatment of wastes' from 4th October 2021 to 8th October 2021 at Anna University, Chennai.

The Staff noted below successfully completed NPTEL Online Courses during the July-Oct 2021, and received an Elite certificate in 'Introductory Organic Chemistry-II'

- (1) Dr.L.Devaraj Stephen, Assistant Professor (Sr.G),
- (2) Dr.J.Krishnamurthi, Assistant Professor (Sr.G),
- (3) Dr.N.Jayaprakash, Assistant Professor (Sr.G),
- (4) Dr.S.G.Gunasekaran, Assistant Professor (O.G),
- (5) Mr. V. Arivalagan, Assistant Professor (Sr.G) and
- (6) Dr. P. Maheswari, Assistant Professor (O.G).

Ms.M.Meera, Assistant Professor (O.G) received a certificate in 'Introduction to Basic Cognitive Processes'.

Dr. P. Maheswari, Assistant Professor (O.G) published a paper titled 'Performance study of fouling resistant novel ultrafiltration membranes based on the blends of poly (ether-ether sulfone)/poly (vinyl pyrrolidone)/nano-titania for separation of humic acid, dyes and biological macromolecular proteins from aqueous solutions' in the Journal of Hazardous Materials, October 2021.

Dr. L. Devaraj Stephen, Assistant Professor (Sr.G) successfully completed two modules conducted by National Institute of Technical Teachers Training and Research (NITTTR) during October 2021.

Ms. M. Meera, Assistant Professor (O.G) and Dr.P.Maheswari, Assistant Professor (O.G) completed one module conducted by National Institute of Technical Teachers Training and Research (NITTTR) during October 2021.

Dr. P. Maheswari, Assistant Professor (O.G) published a book chapter titled 'Applications of electrospun membranes immobilized with biosorbents for the removal of contaminants' in the book Biosorption for Wastewater Contaminants, Wiley Publications, October 2021.

Dr. L. Devaraj Stephen, Assistant Professor (Sr.G) published an article titled 'Two-trace Two-dimensional (2T2D) Correlation Infrared Spectral Analysis of Spirulina platensis and its Commercial Food Products coupled with Chemometric Analysis' in the Journal of Molecular Structure, Vol.1244, pg.130964, on 20th November 2021.

Dr. P. Maheswari, Assistant Professor (O.G) participated and successfully completed an online FDP on 'Inculcating Universal Human Values in Technical Education' from 25th October 2021 to 29th October 2021 organized by AICTE, New Delhi.

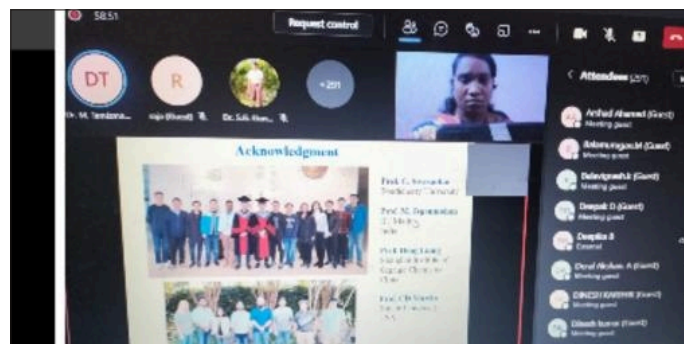
Dr. P. Maheswari, Assistant Professor (O.G) published an article titled 'Fabrication of Highly Permeable and Anti-Fouling Performance of Poly (ether-ether sulfone) Nanofiltration Membranes modified with Zinc Oxide Nanoparticles' in the Chemosphere Journal, Vol.286, pg.131616 on 10th Nov. 2021.

Dr. L. Devaraj Stephen, Assistant Professor (Sr.G) attended the R Voice webinar 'Academic stressors: What they look like and how to deal with them' delivered by Dr. Stefano Zucca on 11th November, 2021.

Dr. N. Jayaprakash, Assistant Professor (Sr.G) published an article titled 'Synthesis, characterization, biological and DFT studies of charge-transfer complexes of antihyperlipidemic drug atorvastatin calcium with Iodine, Chloranil, and DDQ' in the Journal of Molecular Liquids, Vol.346 pg.117862 on 20th November 2021.

Dr. L. Devaraj Stephen, Assistant Professor (Sr.G) participated in five days 'National Level FDP on Hybrid Teaching Learning' organized by the Department of Business Administration, PSGR Krishnammal College for Women, Coimbatore held during 29th November 2021 to 3rd Dec. 2021.

The Department organized an International Webinar on 'Surface Chemistry & Catalysis' on 16th December 2021. Dr. M. Tamizmani, Post-Doctoral Research Associate, Department of Chemistry and Biochemistry, Baylor University, Waco, Texas, USA was the Resource Person. Around 373 students and the faculties from various institutions attended the Webinar.



An International Webinar on 'Surface Chemistry & Catalysis'