

NEWSLETTER

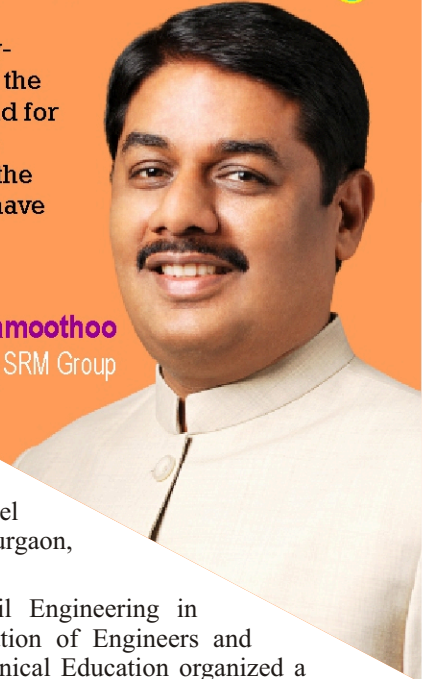
QUARTERLY

Vol. : 10 No.2

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The pandemic situation has set across a herculean task of online education to all the stake holders in the field of education. No doubt, this online learning has opened a new endeavour for a short period but as a substitute to the highly effective technology-centred conventional classroom teaching-learning for a longer period. Even now, the accomplishment of technology driven teaching is a big challenge everywhere, and for everyone. Nevertheless, we all must applaud and accept the fact that the effective establishment of such a new arena of learning has been very well shouldered by the teachers, as always. We anticipate the blended learning as the future and hence, have established it effectively for better learning opportunities with a focus on re-engineering the teaching processes and redefining the student-teacher-parent interaction for an enriched educational environment.

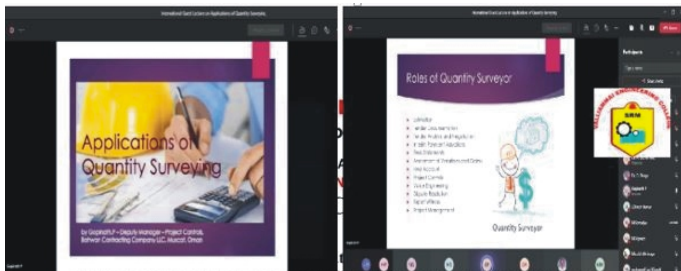
Chairman's Message



Thiru Ravi Pachamoothoo
Chairman, SRM Group

Department of Civil Engineering

Department of Civil Engineering, in association with Institution of Engineers and Indian Society for Technical Education organized a Guest Lecture on 'Application of Quantity Surveying' on 17.04.2021 at 07.00PM to 08.00PM. Around 90 participants including faculty members, students and research scholars from various institutions participated in this online Guest lecture through Microsoft teams. The guest speaker was Mr.P.Gopinath, Deputy Manager, Project controls, Bhawnas Engineering Company LLC, Muscat, Oman.



Guest Lecture on 'Application of Quantity Surveying'

Department of Civil Engineering organized an online Guest Lecture in association with IEI & ISTE on 'Basis on Hydropower Engineering' on 24.04.2021 at 07.00 pm to 08.00pm through Microsoft Teams app to the Civil Engineering and Agriculture Engineering students. The Guest speaker was



Online Guest Lecture on 'Basis on Hydropower Engineering'

Mr.S.Arivumani,
Senior Manager, Tractebel
Engineering Pvt. Ltd, Gurgaon,
Haryana.

Department of Civil Engineering in association with Institution of Engineers and Indian Society for Technical Education organized a Guest Lecture on 'Roles of Practicing Civil Engineers' on 29.04.2021 at 7.00 P.M.to 8 P.M. Around 70 participants participated for this virtual guest lecture through Microsoft teams. The guest speaker is Dr. L.K. Rex, Consulting Civil Engineer,Pondicherry.

Department of Civil Engineering in association with Institution of Engineers and Indian Society for Technical Education organized World Environment Day Lecture on 'Zero Waste Management' on 05.06.2021 at 06.00 PM to 08.00 PM. Around 93 participants including faculty members, students and research scholars from various institutions participated in this online lecture through Microsoft teams. The guest speaker was Dr.D.Elango, Professor & Head, Department of Civil Engineering, SRM Valliammai Engineering College.



World Environment Day Lecture on 'Zero Waste Management'

Ms.E.Maheswari, Assistant Professor, was the resource person for the lecture on "Unit Operations in Agricultural Processing" in Shreenivasa Engineering College on 29.05.2021.

Total Number of Events Attended by Faculties, Webinar: 290, FDP: 37, Training: 3, Workshop: 17 & STTP: 11.

Department of Computer Science & Engineering

Dr. A. Samydurai, published a paper on 'SALDEFT: Self-Adaptive Learning Differential Evolution Based Optimal Physical Machine' in Wireless Personal Communications, Volume:118(2), online ISSN:2161-3915, April 2021.

Dr. M. Senthil Kumar, published a paper on 'Smart Assistant for Visually Impaired People using Deep Learning' in JAC : A Journal Of Composition Theory (UGC-CARE Approved Group-II), ISSN : 0731-6755, Pg# 130-136, Vol.XIV Issue. IV, April 2021.

Dr. M. Senthil Kumar, published a paper on 'Multimodal Medical Image Fusion Using Structure Based Adaptive Decomposition With Enhanced Variation Model' in Turkish Journal of Physiotherapy and Rehabilitation (Scopus), Vol.32, Issue. 3, ISSN 2651-4451 | e-ISSN 2651-446X, Pg# 59-66, April 2021.

Dr. M. Senthil Kumar, published a paper on 'An Integrated Framework for the Fusion of Multimodal Medical Images using SR and MSD Techniques' in Turkish Journal of Physiotherapy and Rehabilitation (Scopus), Vol.32, Issue No. 3, pp.67-71, ISSN:2651-4451, April 2021.

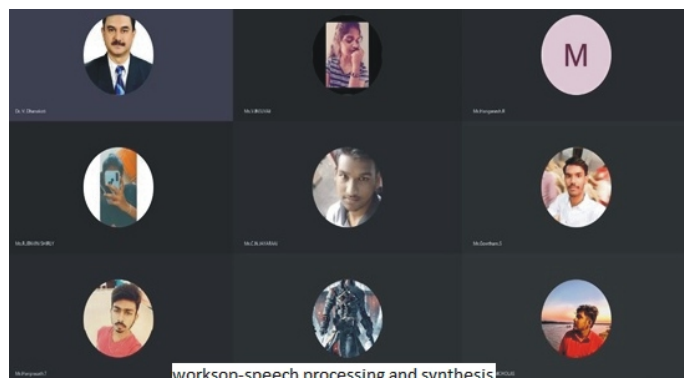
Dr. M. Senthil Kumar, published a paper on 'A Novel Variable Weight Grey Wolf Optimization Algorithm In Medical Image Fusion' in the International Journal of Medical Imaging and Health Informatics - Annexure I Journal, Vol. 11, Pg #15011508, ISSN: 2156-7018 (Print): EISSN: 2156-7026 (Online), May 2021.

Dr.D. Kavitha, published a paper on 'A New Adaptive Hybrid Mutation Black Widow Clustering Based Data Partitioning for Big Data Analysis' in the International Journal of Wireless Personal Communications - Springer (SCI INDEXED and UGC care), DOI: 10.1007/s11277-021-08516-x. ISSN: 0929-6212, April 2021.

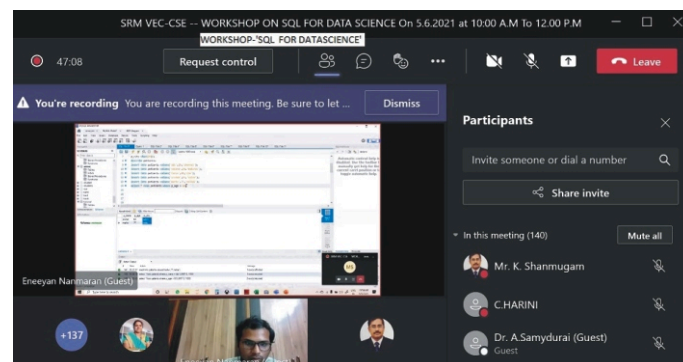
Dr. D. Kavitha, published a paper on 'CNN-OHGS: CNN-oppositional-based Henry gas solubility optimization' in International Journal of Field Robotics - Wiley (SCI INDEXED), <https://doi.org/10.1002/rob.22020>. ISSN: 1556-4959, May 2021.

Ms.R.Anitha, published a paper on 'Comparative Study on Various Automated Door Lock Systems in Homes, Offices' in Wutan Huatan Jisuan Jishu -UGC approved Journal, Volume XVII, ISSN NO: 1001-1749, Page No: 76 - 80, May 2021.

A workshop was conducted on 'Speech Processing and Synthesis' on 03-05-2021 at 5.00 pm to 7.00 pm through Microsoft Teams (online). Mr. Abinandhanan CEO/Managing Director, Calotropis Software Solutions Pvt. Ltd (2015 CSE Alumini) handled the session and demonstrated various speech processing and synthesis Techniques. 57 students from CSE department participated in this event.

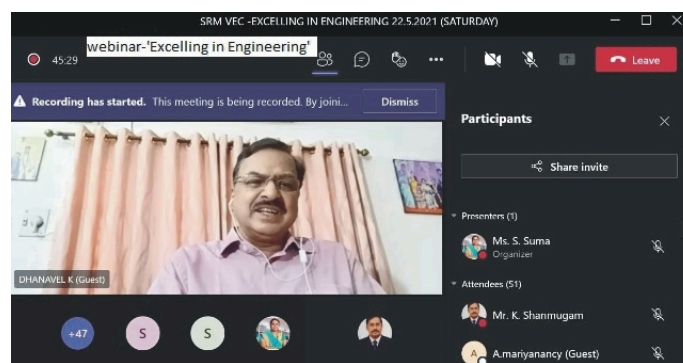


A workshop was conducted on 'SQL for Data Science' in association with Centre of Excellence for Data Analytics and Machine learning (CoE-DAML), SRM VEC- CSI student branch, ISTE, Institutions Innovation Council on 5.6.2021 (Saturday) through Microsoft Teams (online). The Resource Person was Mr. N. Eeneyan Nanmaran, World record holder, Honorary Doctorate by the DIOCESE OF ASIA, Assistant Manager, Great Learning, Chennai. 147 participants including both students and staff attended the workshop.



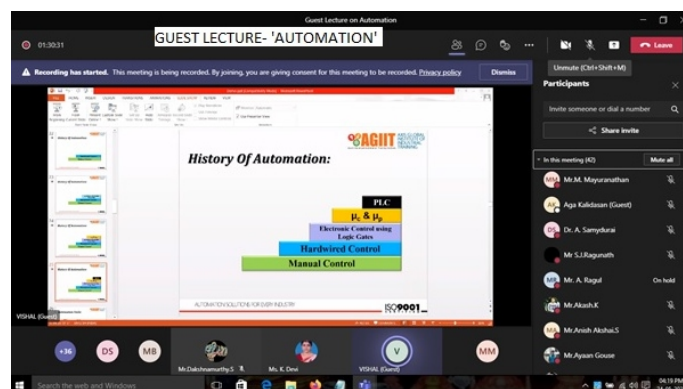
Workshop on 'SQL for Data Science'

A webinar was conducted on 'Excelling in Engineering' on 22.05.2021 through MS Teams for school students. The Resource Person Dr. Dhanavel I.A.S (Retd), former secretary of Tamil Nadu Govt. and former collector of Tirunelveli District. He motivated the students and gave insights about the various engineering courses, their scope and prospects for a bright future. 105 students from CSE department participated in this event.



Webinar on 'Excelling in Engineering'

A Guest Lecture was conducted on 'Automation' on 24.05.2021 from 3.00 P.M. to 4.30 P.M through MS - Teams. Mr.S.Kalidasan, Project Head from 'Axis Global Automation' handled the lecture. 47 students from CSE department participated in this event.



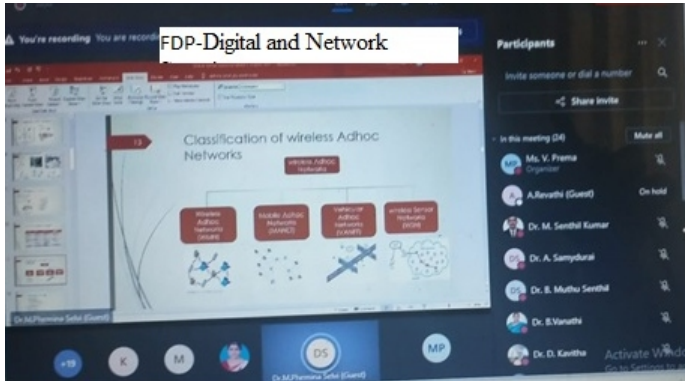
Guest Lecture on 'Automation'

A virtual industrial visit to Hebeon Technologies, Hyderabad was organised on 20.5.2021 from 5 pm to 6 pm through MS Teams for students and staff. The Resource person Mr. Shankar Raju, CEO, Hebeon Technologies briefed the audience about the company.

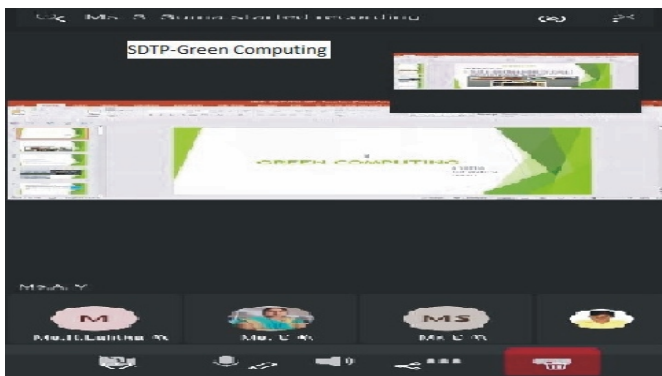


Virtual industrial visit to Hebeon Technologies, Hyderabad

A five-day Faculty Development Programme was conducted on 'Digital and Network Security' from 24.5.21 to 28.5.21 through Microsoft Teams (online).



A one day SDTP was conducted on 'Green Computing in IT World' for the technical staff on 29.05.2021 through Microsoft. Totally 24 non-teaching staff members from various departments participated in this programme.



SDTP on 'Green Computing in IT World'

The department of CSE signed a MoU with VEI Technologies Ponnammalle for Internship, research collaboration, workshop activities, student training programmes and industrial visits on 30.06.2021.



Mr.K.Shanmugam was awarded 'Kalaingarini Muthamil Award' by Pasumai Vassal Foundation', 'Karunyam Trust' and 'Oli Sudar Seva Trust' for his excellence in Tamil activities.



Mr.K.Shanmugam was awarded 'Kalaingarini Muthamil Award'

Dr.M.Senthil Kumar was the resource person in a 'Inauguration of Resurgence 2K21 (Online Technical Symposium)' conducted by the department of Computer Science and Engineering in association with AVIT CSI student branch chapter and CSI Kancheepuram chapter on 03.06.2021.

Dr.B.Muthusenthil successfully completed his online orientation training program for mentors organized by AICTE from 14.06.2021 to 18.06.2021.

A Project Exhibition day for the Final year students of all the departments was organized on 01.04.2021. In this regard, a committee was constituted to select the best among the three projects from each department (Civil, CSE, ECE, EEE, EIE, IT, MECH). The Committee Members were Dr. H. Krishnan, HOD / Physics, Dr.L.Devaraj Stephen, Head /Chemistry, Dr.R.Karthick, Associate Professor/EEE and the Heads of the respective departments.



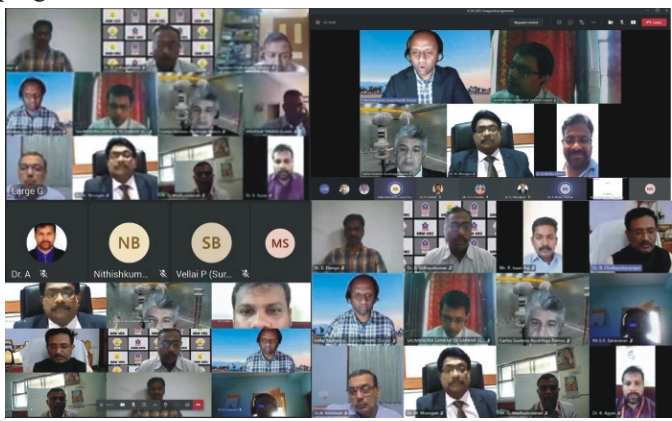
The Department staff members attended various webinars, FDP, STTP, virtual conferences and industrial visits in various colleges and companies through on-line mode.

Dr.B.Chidambararajan, Principal and Dr.M.Murugan (Vice-Principal) are nominated as the members of the Academic Council of SRM University, Delhi-NCR, Sonepat for Three Years from April 2021.

Department of ECE & Medical Electronics

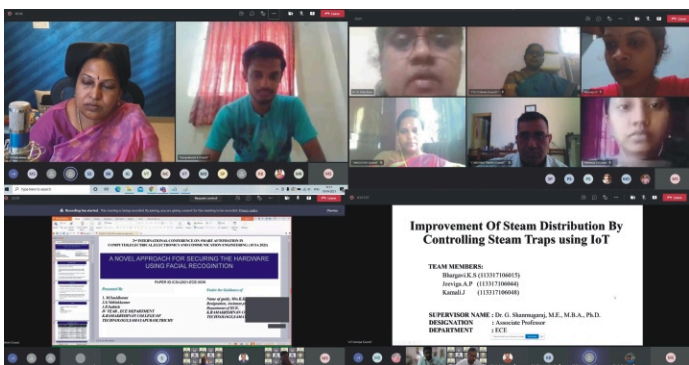
Mr.D.Murugesan, Asst. Prof./ECE coordinated the Department level Project Expo 2021 to explore students' project skill on 01.04.2021. The committee members Dr. H. Krishnan, Head of Physics, Dr. L. Devaraj Stephan, Head of Chemistry, Dr.R. Karthick, Assoc Prof/ EEE and Dr. Komala James, Prof and Head of ECE scrutinized the listed projects based on criteria such as presentation, individual and team contribution, ability to respond to the queries, innovation and implementation of projects on Project Exhibition Day and then they declared the winner project titled 'A prototype device for Medicine Disbursement and Sanitization in COVID zones' done by D.Sowbaghya, S.Tamilselvi, S.Theepaloshini, and R.Thooyavan under the supervision of Dr. N. Usha Bhanu, Prof/ECE.

As part of the virtual 2nd International conference on the 'Smart Automation in Computer, Electrical, Electronics and Communication Engineering' (ICSA-2021), The dept of ECE received around 58 research papers in five technical tracks. The session chairs, in-charges and moderators of each tracks organized the paper presentations. Eventually they declared the best paper awards at the end of the session as per the guidelines given by committee members. The programme and session in charges of ICSA 2021 Dr. J. Mohan /Associate Professor, Mr.S.Mari Rajan /Assistant Professor, and Internal Advisory Member-ICSA 2021 Dr. Komala James, Professor and Head/ECE gave proper guidelines to the Chairpersons, moderators, and participants for the successful completion of the programme.



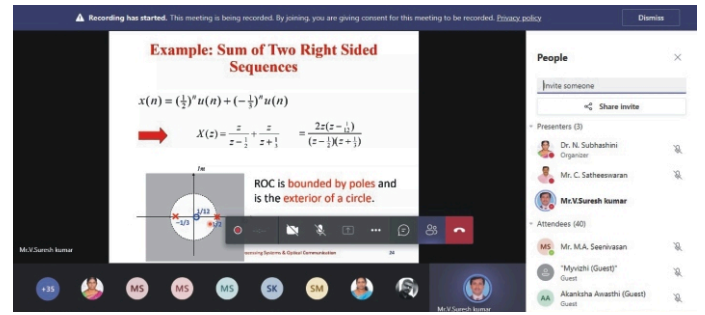
International conference on 'Smart Automation in Computer, Electrical, Electronics and Communication Engineering (ICSA-2021)

A School Orientation Programme - 'A Seminar by our Engineers to the Future Engineers' was conducted by the department of Electronics and Communication Engineering in



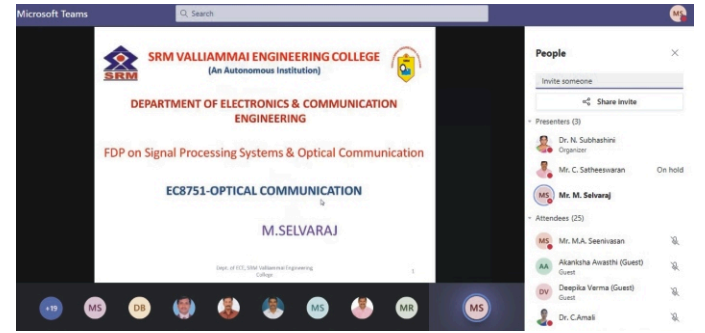
School Orientation Programme on 'A Seminar by our Engineers to the Future Engineers'

association with CSI, IIC, ISTE and IETE Students Forum for the higher secondary school students for creating an awareness on various options after 12th Standard and engineering courses on 10th April 2021 at 6:00 pm in online mode via Microsoft Teams. Dr.Komala James, Professor & Head, ECE department addressed the gathering and Mrs.K.Sobana, AP delivered the welcome address to the audience and introduced Chief Guests. Ms.R.Karthiga, Mr. R. Gokula Kannan and Mr. S. Subash, Final year ECE students who delivered their valuable suggestions to twelfth grade students. The programme concluded with a vote of thanks proposed by Ms. S. Surabhi, Asst. Prof/MDE.



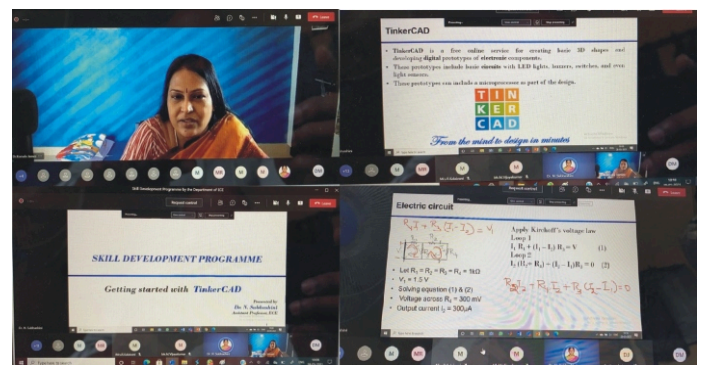
FDP on 'Signal Processing Systems & Optical Communication'

The Department of ECE conducted a 5 day online Faculty Development Programme on 'Signal Processing Systems & Optical Communication' to the faculty members in association with IIC, ISTE & IETE Students Forum to share and improve their skills on subjects effectively in the online mode teaching during 17.05.2021 to 21.05.2021 in Microsoft Teams platform. Dr. Komala James, Professor and Head delivered the welcome address. The invited speakers Dr.N.Usha Bhanu, Prof., Dr.G.Udhayakumar Assoc Prof, V. Sureshkumar, Asst Prof, Dr.C.Amali, Asst Prof, Mr. C. Satheeswaran, Asst Prof, Dr.J.Mohan, Assoc Prof and Mr.S.Mari Rajan, Asst Prof, Mr.M.Selvaraj, Asst Prof engaged the sessions on different subject areas. Dr. N. Subhashini, Asst Prof/ECE and Mr.C.Satheeswaran, Asst Prof/ECE coordinated the programme successfully.



FDP on 'Signal Processing Systems & Optical Communication'

The Department of ECE conducted a one-day Skill Development Programme for Non-Teaching staff members on 28.05.2021. Dr. N. Subhashini, Assistant Professor, Department of ECE, SRM Valliammai Engineering College, delivered the



Skill Development Programme for Non-Teaching staff members

presentation on 'Getting Started with TinkerCAD' which covered TinkerCAD workspace overview, step by step learning Tinkercad basics, and also created some actual project design in electric and electrons circuits. The session was very beneficial to all the 24 staff members from various departments. The Programme was coordinated by Dr.J.Mohan, Asso Professor/MDE.

Dr. S. Ramesh /Asso Prof has been honoured as the Executive Committee Member of IETE Chennai Centre in June 2021.

Dr. N. Subhashini /Asst Prof was appreciated for fostering the ecosystem bridging Government, Academia and Industry for the title 'TI Embedded System Design using MSP430 MCU MOOC by Texas Instruments in May 2021.

Dr.N.Usha Bhanu /Prof and Mr. C. Satheeswaran /Asst Prof delivered lectures on the concepts on an Infinite Impulse Response Filters and Finite Impulse Response Filters with numerical problems in the Faculty Development Programme on 'Signal Processing Systems & Optical Communication' organized by the department of Electronics and Communication Engineering, SRM Valliammai Engineering College, Chennai from 17th May 2021 to 21st May 2021.

Dr.N.Usha Bhanu/Prof has acted as Session Chair in the International Conference (ITDECC'21) on Innovation and Technological Developments in Electronics, Computers and Communication organized by department of Electronics and Communication Engineering in association with IE(I), SRM Institute of Science and Technology, Ramapuram Campus on 17th May 2021.

Dr. G. Udhayakumar/Assoc Prof delivered lectures on Classification of Signals and Systems and Analysis of Continuous Time Signals, the Linear Time Invariant Continuous Time Systems with examples in the Faculty Development Programme on Signal Processing Systems & Optical Communication organized by the department of Electronics and Communication Engineering, SRM Valliammai Engineering College, Chennai on 17.05.2021.

Dr. C. Amali/Asst Prof, Dr. V. Sureshkumar/Asst Prof delivered a lecture on 'Analysis of Discrete Time Signals and Linear Time Invariant-Discrete Time Systems, Discrete Fourier Transform' in the Faculty Development Programme on Signal Processing Systems & Optical Communication organized by the department of Electronics and Communication Engineering, SRM Valliammai Engineering College, Chennai on 18.05.2021.

Dr. J. Mohan/Assoc Prof, Mr.S.Mari Rajan/Asst Prof and Mr.M.Selvaraj/Asst Prof delivered lectures on 'Optical fibers and transmission characteristics' to the faculty members in the Faculty Development Programme on Signal Processing Systems & Optical Communication organized by the department of Electronics and Communication Engineering, SRM Valliammai Engineering College, Chennai from 20.05.2021 to 21.05.2021.

Mr. A. Santhosh/ final year student won the first place in the Project Expo 2021, conducted by ECE department, B S Abdur Rahman crescent Institute of Science and Technology held on 26th June 2021 under the supervision of Dr.N.Subhashini/Asst Prof.

The faculty members from the department of ECE and Medical Electronics Branch participated in SWAYAM-NPTEL, AICTE, NITTT, IITs'and reputed private institutions organized STTPs, FDPs, webinars and workshops to improve the quality teaching and learning skills for long-term development, continual improvement during April to June 2021.

Ms. B. Keerthiga, Ms. A. Sai Preetha and Ms. M. Sharmila final year students were placed in Infosys Software Solutions in June 2021.

Ms. M. Lavanya Sruthi, Ms. J. Saranya, Mr. M.Purusothaman, Ms. V. Kiruthika and Ms. K. Priya Bharathi final year students were placed in HCL Software Solutions in June 2021.

Preethi S R. (AP/ECE), Dr.Murugan M. (Prof./ECE) and Dr.Revathi A R. (Asso.Prof./IT) (2021) published a paper titled 'Perspectives of Machine Learning and Deep Learning in Internet of Things and Cloud: Artificial Intelligence-Based Internet of Things System' in Velayutham S. (Edited.), Challenges and

Opportunities for the Convergence of IoT, Big Data, and Cloud Computing, Chapter 14, pp. 248-264, <http://doi:10.4018/978-1-7998-3111-2.ch014> (Publisher: IGI Global).

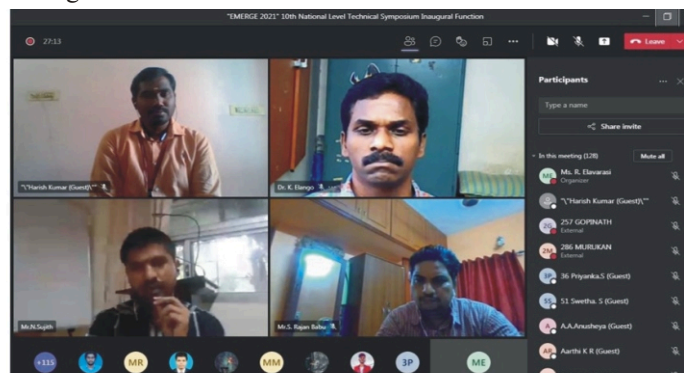
Balaji V.R. (Former Research Scholar/ECE), Dr. Murugan M.(Prof./ECE), et al co-authored a paper entitled, 'Rounded square ring resonator based add drop filter for WDM applications using two dimensional photonic Crystals', Optical and Quantum Electronics (2021) 53:273, <https://doi.org/10.1007/s11082-021-02924-w>.

Department of Electrical & Electronics Engineering

The department conducted a Guest Lecture on the topic 'Recent Advancements in Biosensors' on 1st April 2021 through virtual mode. The session was presented by the resource person Dr.V.Fidal Kumar, Project officer, IITM, Chennai.

The department conducted a Project Expo 2021 on 1st April 2021 for the final year students. There were twelve internal participants.

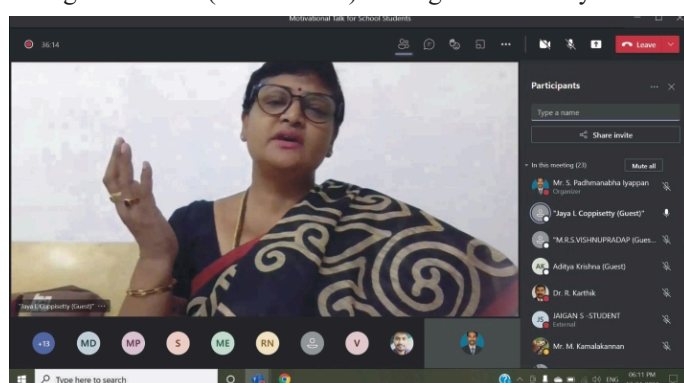
The department organized the 10th National Level Technical Symposium (EMERGE 2021) 'Emerging Technologies in Electrical and Electronics Engineering' on 3rd April 2021 through virtual mode. The symposium was organized with the primary objective of bringing together academicians and practitioners in Electrical 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. Mr.S.Harish Kumar, Technical Assistant, Grid Relay Test, TANTRANSCO was the chief guest.



National Level Technical Symposium (EMERGE 2021)

The department organized an International Conference on topic 'International Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering' (ICSA-2021) on 10th April 2021. Dr. R. Carlos Gustavo Azcarraga Ramos, INEEL, Mexico and Dr. V.B. Surya Prasath, Department of Electrical Engineering and Computer Science, University of Cincinnati, USA were the resource persons.

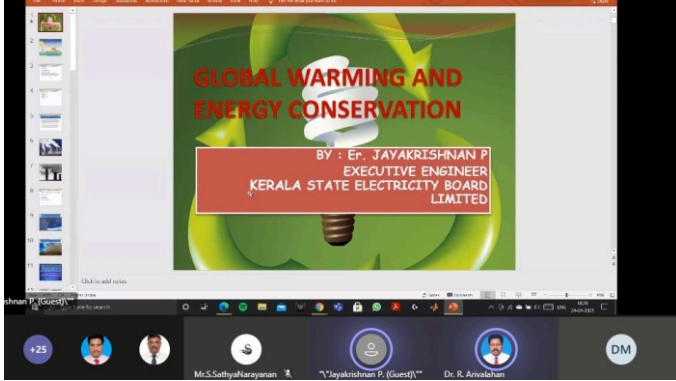
The department organized a Motivational Talk on the topic 'Motivational Talk for Budding Engineers' on 17th April 2021 through MS Team (virtual mode) for Higher Secondary students.



'Motivational Talk for Budding Engineers'

The session was presented by the resource person Ms. Jaya Coppisetty CRT Head & Counselor, Vaagdevi College of Engineering, Warangal who conveyed the moral values of human life and stress management strategy under the difficult situations.

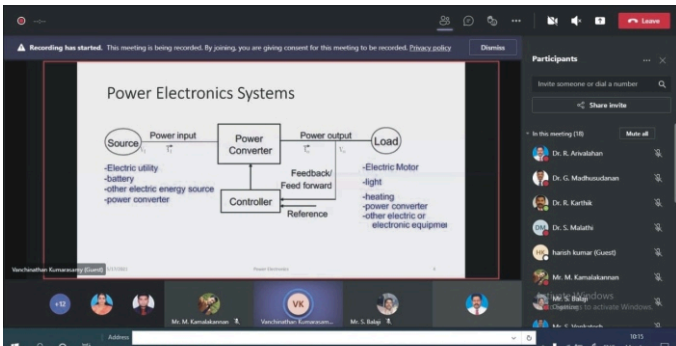
The department conducted a one day seminar on the topic 'Global Warming and Energy Conservation' on 24th April 2021 through virtual mode. Mr. Jayakrishnan.P Executive Engineer, Kerala State Electricity Board, Kasaragod and Ms. Amshini.A, Application Development Associate, Accenture Private Solutions, Perungalathur were the two resource persons.



Seminar on 'Global Warming and Energy Conservation'

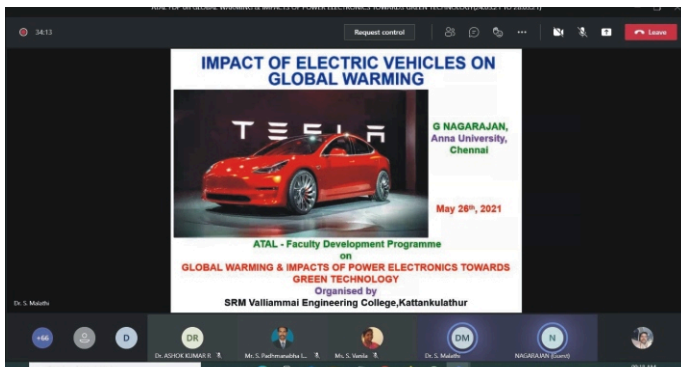
The department conducted a one day Staff Development Programme on the topic of 'Smart Energy Systems' on 13th May 2021 through virtual mode. This Staff development programme was handled by Ms.A.Dhivya, A.P (O.G)/EEE dept.

The department conducted a six-day Faculty Development Programme on the topic 'Power Electronics, Circuit Theory and Power System Operation and Control' between 17th May 2021 to 22nd May 2021 through Microsoft Teams virtual platform for the faculties of various college.



FDP on 'Power Electronics, Circuit Theory and Power System Operation and Control'

The department conducted a five-day AICTE sponsored online FDP on the topic 'Global Warming and Impacts of Power Electronics towards Green Technology' from 24th to 28th May 2021 in which about 200 participants from different parts of the country participated. The speakers for the five day workshop were:



FDP on 'Global Warming and Impacts of Power Electronics towards Green Technology'

Day 1: Dr.C.Sharmeela, Associate Professor/EEE, College of Engineering, Guindy, Anna University and Dr. N. Kumarappan, Chairman, IEEE Madras Section, Professor, EEE, Annamalai University.

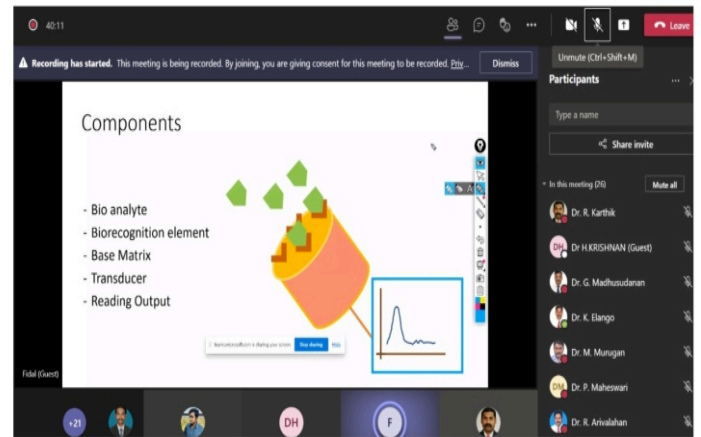
Day 2: Dr. S. Lenin Prakash, Independent R & D Consultant, EV & Renewable Energy Domain, Trichy, Dr. Vijayakumar Krishnasamy, Assistant Professor/EEE, IITDM, Kanchipuram and Dr. M. P. Selvan, Associate Professor/EE, NIT, Trichy.

Day 3: Dr. G. Nagarajan, Professor, Department of Mechanical Engineering and Director, Centre for International Relations, Anna University, Dr. Gnanadass Ramachandran, Professor, EEE, Pondicherry Engineering College and Dr.G.Uma, Professor/EEE, CEG, Anna University, Chennai.

Day 4: Dr.Parimal Acharjee, Professor/EEE,NIT, Durgapur, Mr.K.Boopathi, Director & Division Head, R&D, National Institute of Wind Energy and Mr. Karthikeyan, Co-founder & CTO, R&D & NPO in Electric Vehicles, Greendzine Technologies Pvt. Ltd, Bangalore.

Day5:Dr.A.Rathinam, Professor, EEE, SRMIST, Kattankulathur, Dr.S.Jeevananthan, Professor, Department of Electrical and Electronics Engineering, Puducherry Technological University, Pondicherry and Dr.A.R.Kathiravan, M.B.B.S.,M.D., Assistant Professor, Stanley Medical College.

The department conducted a Guest Lecture on the topic of 'Campus to Corporate Transformation & Importance of Information Technology' on 10th March 2021 through virtual mode. The session was presented by the resource person Mr.S.Shrivathsan (Alumni), Application Development Analyst, Accenture, Chennai .



Guest Lecture on 'Campus to Corporate Transformation & Importance of Information Technology'

Final year student N.Sujith was selected for ISTE-Best Student Award 2020.



ISTE-Best Student Award 2020

The department organised a National level Quiz Competition 'Quiz for Sparking Brains' on 10th June 2021 for higher secondary school students.

NCC NAVAL wing organized a webinar on 'Stretch out the Stress by YOGA' on 20.06.2021 from 5.00 pm to 6.00 pm in connection with the 'International Day of YOGA'.

The Resource Person was Mrs. R. Kasthuri , M.Sc(Zoo), M.Sc(Psy), M.Sc(Yoga), M.Ed. Honorary Professor in Yoga, College of Gandhian Thoughts, Gandhi Museum, Madurai. She spoke about the importance of Yoga in human life and demonstrated different poses and asanas in Yoga and highlighted their benefits like vajrasana, Gomukasana, Bhastrika & Murucha in Pranayama. The beneficiaries were NCC cadets from various institutions, faculty members of different colleges, unit staff and public. Around 110 participants registered for this event and 81 participants attended.

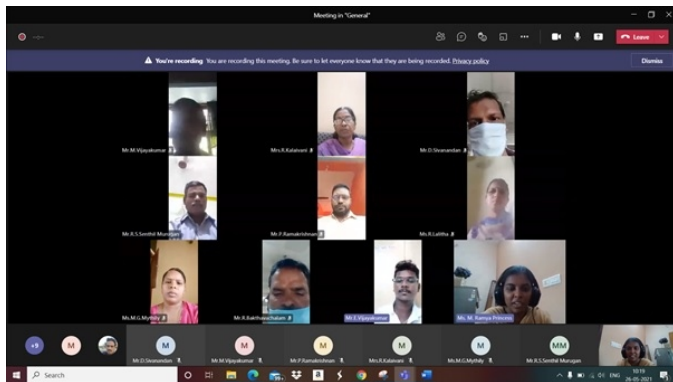
This event was organized by NCC student coordinators Leading Cadet P.Yuvalakshmi & Leading Cadet S. Shaminee and coordinated by Sub.Lt R.Sankaranarayanan.



Department of Electronics & Instrumentation Engineering

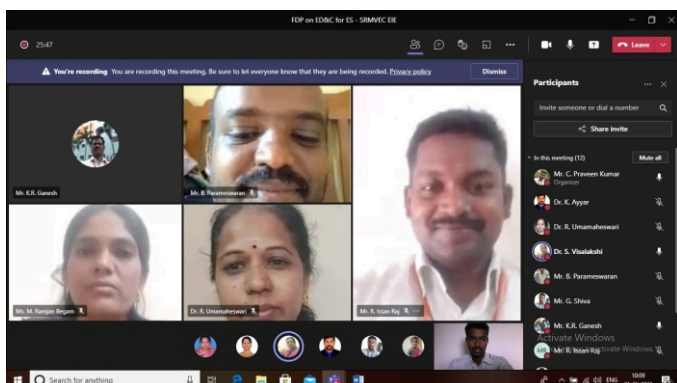
The Dept. in association with the ISA VMCC Student Charter and ISTE organized the following programmes as follows.

SDP on 'Universal Values and Ethics' delivered by Ms.M.Ramya Princess, A.P(O.G), SRMVEC on 26th May 2021.



SDP on 'Universal Values and Ethics'

FDP on 'Electron Devices and Communication for Embedded Systems' delivered by various experts like (i) Dr. M.Saravanan, Associate Professor/ECE, IFET College of Engineering (ii)Dr.J.Rangarajan, Professor/ECE, Muthayammal Engineering College (iii) Ms. K.RathnaPriya, Assistant Professor(O.G)/EIE, SRM Valliammai Engineering College (iv) Mr. P.Tamilmani, Assistant Professor(SI.G)/EIE, SRM Valliammai Engineering College (v) Mr. R.IssanRaj, Assistant Professor(Sr.G)/EIE, SRM Valliammai Engineering Collège (vi) Dr. B.Anitha Vijayalakshmi, Associate Professor/ECE, Saveetha Engineering College (vii) Dr.T.R. Ganesh Babu, Professor/ECE, Muthayammal Engineering College (viii) Dr. P.Madhumathy Professor/ECE, Dayanand Sagar Academy of Technology and Management (ix) Dr. Aravindhan Alagarsamy, Associate



FDP on 'Electron Devices and Communication for Embedded Systems'

Professor/ECE, School of Electrical Science Koneru Lakshmaiah Education Foundation, (x) Mr. K.R.Ganesh, Assistant Professor(Sr.G)/EIE, SRM Valliammai Engineering Collège and (xi) Dr. R.Praveena, Associate Professor/ECE, Muthayammal Engineering College from 17-05-2021 to 21-05-2021.

A Motivational talk on 'Next Step After School - Gateway to Engineering' was delivered by Dr. UdhayaSandron, Goal Achievement Coach on 10th April 2021 for school and diploma students.



A Motivational talk on 'My future - The way forward' was delivered by Dr.C.P.Rosy Fernando, Founder & Chairman, Startup, Chennai on 5th May 2021 for school and diploma students.

A Motivational talk on 'Importance of Engineering' was delivered by Dr.E.Bhaskaran, Joint Director(Engineering), Department of Industries & Commerce, Govt of Tamilnadu, DGN (schemes) TANSIDCO, MSME department, Chennai-32 on 15th May 2021 for school and diploma students.



Motivational Talk on 'Importance of Engineering'

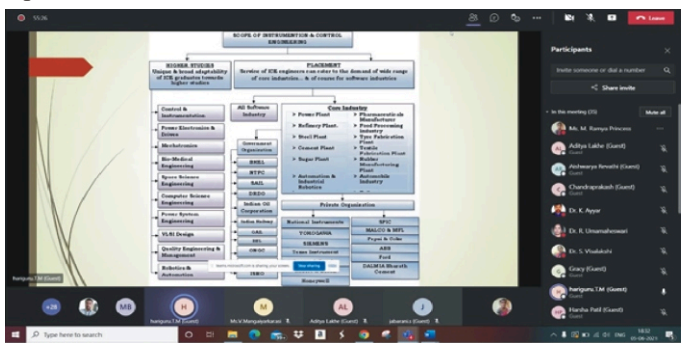
A Motivational Talk on 'Engineering Curiosity Stream' was delivered by Mr. Manoj Selvaraj, Alumnus 2016 Passed out Batch, Service Automation Engineer at NMTronics India Pvt Ltd, Chennai on 19th May 2021 for school and diploma students.



Motivational Talk on 'Engineering Curiosity Stream'

A Motivational talk on 'Career Perspectives: A Technological Outlook' was delivered by Mr. K. Balaji, Managing Director at TWIN Tech Solutions, Chennai on 29th May 2021 for school and diploma students.

A Motivational talk on 'Diverse Career Options in Instrumentation' was delivered by Mr. T.M.Hariguru, Research Scholar at MIT Crampet, Chennai on 5th June 2021 for school and diploma students.



Motivational Talk on 'Diverse Career Options in Instrumentation'

Motivational Talk on 'Candling for Brighter Future' was delivered by Mr.Gregory Manoj Senior Manager, Allsec Technologies Ltd., Chennai on 12th June 2021 for school and diploma students.



Motivational Talk on 'Candling for Brighter Future'

Ms. K.S.Jaibhavani, K.Saranya and Dr.S.Visalakshi, published a paper on 'Energy Harvester methodologies' in Journal of Interdisciplinary Cycle Research, ISSN NO: 0022-1945, Volume 13, Issue 4, April 2021 Page No: 1401

Ms. K.S.Jaibhavani, K.Saranya and Dr.S.Visalakshi, presented a paper on 'Review of Vibration Based Energy Harvesting Techniques For Low Power Devices' in the Second International conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering at SRMVEC on 10.04.2021 at SRMVEC, Chennai..

Mr. Sowrirajan Nanthagopal and Dr. Andy Srinivasan presented a paper on 'Model Predictive Control of a Serial Link Robot Manipulator' in the Second International conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering on 10.04.2021 at SRMVEC.

R.Prakash and Dr.K.Ayyar presented a paper on 'Performance Analysis of Speed Control of Sensorless Brushless DC Motor using Fractional order PI controller' in the Second International conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering on 10.04.2021 at SMVEC, Chennai.

The Faculty Members and the Final year students published papers in the following journals

(i) A Journal of Composition Theory

Mr.P.Tamilmani, M. Mukesh, J. Nirmalkumar, S. Sajin Babu and T.Shannuganathan published a paper on 'Skin Disease Detection using Telegram Application', Volume 14, Issue 4, April 2021.

Dr.R.Umamaheswari, M. Monisha, A.Nandhini and P. Susi Vidya published a paper on 'Avatar based mixed reality system for deaf people', Volume 14, Issue 4, April 2021.

Ms.V.Mangaiyarkarasi, Divyaprabha.R, Madhumathi.R and Manju.T.V published a paper on 'A Smart Vehicle System for accident Prevention using Machine Learning', Volume 14, Issue 3, March 2021.

Ms.K.S.Jaibhavani, V. Ramakrishnan, A. C. Moorthy, E.Sakthivel and I. Ragulsaran published a paper on 'Design and experimental verification of multi armed cantilevered beam type piezoelectric energy harvester', Volume 14, Issue 4, April 2021.

Mr.B.Parameswaran, Bharadwaj S.B, Denald Maria Koilraj W and Jawahal T published a paper on 'Crowd Detection for Social Distancing and Safety Violation Alert based on Image Processing', Volume 14, Issue 4, April 2021.

Ms.M.Shanthi, Abinaya S, Anish Hentry B, Dharshini S and Magesh S published a paper on 'Library Management and Book Reader for Blind People using Raspberry Pi', Volume 14, Issue 4, April 2021.

Mr. N.Sowrirajan, Arulanandan R, Arun Kanna K, Kaviyarasan N and Kishore Raj Kumar B published a paper on 'IoT Based Smart Garbage Monitoring of Gas and Fire with Alert System', Volume 14, Issue 4, April 2021.

Ms.K.Rathna Priya, Daphne JositaDivya J, Deepika S.V and Manjubargavi S published a paper on 'Design And Prototyping Of A Low-Cost Portable Mechanical Ventilator With Sustained Battery Reinforcement', Volume 14, Issue 4, April 2021.

The World No Tobacco Day was observed by taking a pledge on 31.05.21, Monday, successfully. The detail was passed on to all the departments, so that they create an MS Teams link for taking the pledge department-wise. The YRC team took the pledge at 6.00 pm on 31.05.21, the YRC volunteers and some of the staff members who had not taken the pledge, (around 43 members), took the pledge in the MS Teams link online.

YRC&RRC

A Covid Awareness Webinar was conducted on 07.06.21, Monday at 10.30 am. The online audience was welcomed by the G.Ananth, PO/YRC and the programme was inaugurated by the IRCS District Secretary Mr. Pulavar Manickam. The expert speech was delivered by Dr.Sudharsan kannan of SRMMCH&RC. The expert with his experience in a Covid ICU, gave a presentation on various topics like Precautions, Medicines, Quarantining, Diet, Pre and Post Covid Care, Mucormycosis etc., and also clarified several doubts raised by the audience. A vote of thanks was proposed by Mr G.Vivekanadan, PO/YRC.

An online webinar on 'Diabetes and Mucormycosis awareness Programme' was delivered by Dr.J.Pratheebadevi, Director of M.N.Eye Hospital, Chennai. The gathering was welcomed by Mr. G.Ananth and the chief guest was introduced by a YRC volunteer. The Ophthalmologist explained the relationship between Covid, Diabetes and Mucormycosis. The speech was highly technical and very useful. She also talked about the safety features, the third Covid wave, children and elders' safety, nature of fungi, etc. The programme started at 10.30 am on 17.06.21, Thursday and concluded at 11.45 am, which was attended by 75 participants. A vote of thanks was proposed by Mr.G.Vivekanandan.

Mr. K.R.Ganesh, Abinayasri S, Janani Priya K and Narmadha D. published a paper on 'Flood Risk Assessment, Management and Virtual Reality Based Rescue System', Volume 14, Issue 4, April 2021.

Mr.C.Praveen Kumar, Kishore N, Logesh E and Manimaran R published a paper on 'Safety System for Manhole and Sewage Worker Using IoT', Volume 14, Issue 3, March 2021.

Ms.V.Mangaiyarkarasi, Sowmiya T, B. Mohan Rakesh and Vignesh S published a paper on 'Virtual Fog removal for road way vehicles', Volume 14, Issue 4, April 2021.

(ii) International Journal of Advance Research and Innovative Ideas in Education

Ms.M.Shanthi, R. Abdul Samad, P. Avinash Pandian and G. Karthick published a paper on 'Aquaponics System Monitoring and Controlling Using IoT', Volume 7, IssueII, April 2021.

Mr.P.Tamilmani, R. Ashraf Hussain, M. Aswin Kumar and B.Manoj Kumar published a paper on 'Face Recognition based Vehicle Starter using IoT', Volume 7, Issue: 2, April 2021.

Dr.K.Ayyar, Yuvaraj S, Prasath S, Sanjith A and Vignesh N published a paper on 'IoT based Biometric voting system' Volume 7, Issue2, April 2021.

Mr. K.R.Ganesh, Keerthana C, Keerthi D, Kirthana P.P and Kirthika K.S published a paper on 'Network Based Sensor Data Collection Approach for Industrial Process Monitoring using IoT', Volume 7, Issue2, April 2021.

(iii) Journal of Interdisciplinary Cycle Research

Dr.S.Visalakshi, B. Vimal Rajan, P. Sriram, S. NaveenKumar and G. Sanjay Balaji published a paper on 'Energy harvesting from Rail track for transportation safety', Volume 13, Issue 4, April 2021.

Ms.M.Ramjan Begum, Thivakar M, Mithra R K, Muthazhagi K and Mukesh Kanna R published a paper on 'IoT based Smart incubator', Volume 13, Issue 4, April 2021.

Mr.G.Shiva, Mirthish Raj R, Pradeep K and Vinayagamoorthi.P published a paper on 'Smart fencing with fire Alarm', Volume 13, Issue 4, April 2021.

Ms.M.Ramya Princess, S.Ajit, D.Aravindhan and E.Gokul published a paper on 'Contactless Automated Teller Machine' in International Journal of Scientific Research and Engineering Development, Volume4, Issue 2, March-April 2021.

Mr.R.Issan Raj, Harine R, Ishwarya A.A and Kaviya S published a paper on 'DITTO The Advanced Lead through Robot' in Science, Technology and Development Journal Volume 10, Issue 4, April 2021.

Dr.K.Ayyar, Priyadarshini R, Sinandhashri R, Uvalashmi S and Varsha P published a paper on 'Intruder Alert System using Machine Learning' in International Journal of Creative Research Thoughts (IJCRT), Volume 9, Issue 4, April 2021.

Dr.R.Umamaheswari, Sriram Kumar K, Sai Kowtham K R, Venkataraman S and Muthupriya N published a paper on 'Multitasking Robot and Web Application for Smart farming' in Gorteria Journal, Volume 34, Issue 4, April 2021.

NPTEL Local Chapter

Nearly 31 students and one Faculty member successfully completed NPTEL online examination during the period January to March 2021 from our NPTEL Local Chapter.

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. V. Jayanthi, Asst. Prof.(Sr.G), Dept. of English
 Layout & Design : **Mr. T. Elavarasu**, Placement Executive

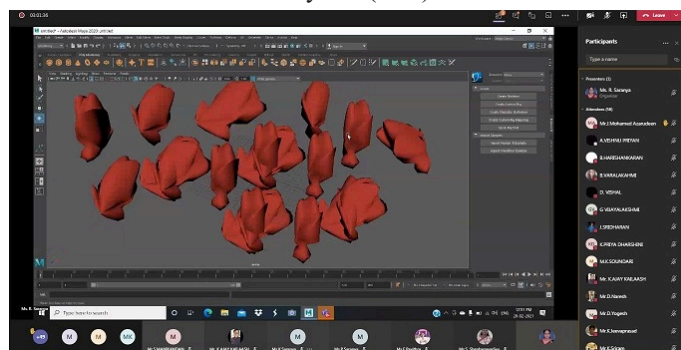
Department of Information Technology

A National webinar on the 'Impact of Data Science in Current Industry' was organized on 01.04.2021 and the Resource Person was Mr. Kashyap Subramanian, Data Scientist at First Insight Inc, Chennai. and the coordinators were Ms.R.Saranya A.P(O.G) and Ms.R.Shanthi A.P(Sr.G).



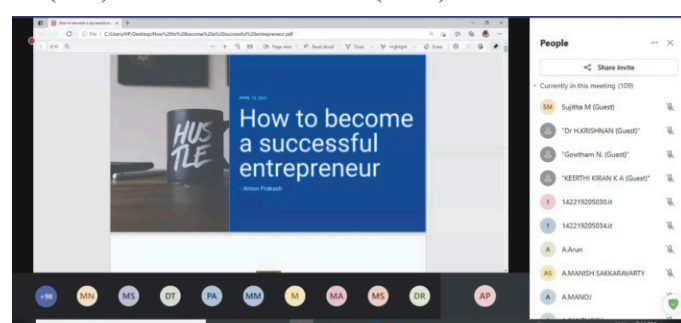
National webinar on the 'Impact of Data Science in Current Industry'

A value added course on 'Video Editing and 3D Modeling (Adobe After Effects and Maya)' was organized from 13.2.2021 to 13.03-2021 & 04.04.2021 for students and staff. The Resource Person was Mr.S.Rajashekaran, Developer, TCS (Alumnus). The coordinator was Ms.R.Saranya AP(O.G).



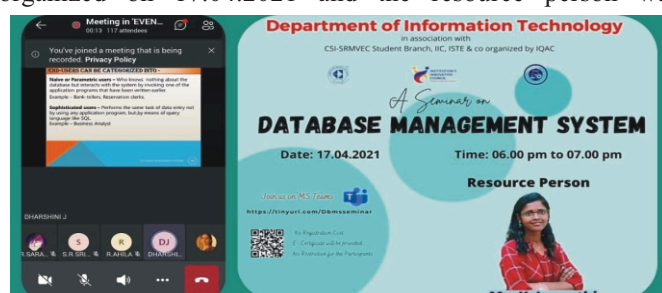
VAC on 'Video Editing and 3D Modeling (Adobe After Effects and Maya)'

An International webinar on 'How To Become a Successful Entrepreneur' was organized on 12.04.2021 and the Resource Person was Mr. Anton Prakash, Head, CEO of Ephron Tech, San Francisco Founder/CEO of Redtie, California, CTO of NorthCapital, Coimbatore. The coordinators were Ms.S.Shenbagavadivu, A.P(Sr.G) and Ms.R. Thenmozhi A.P(Sel.G).



International webinar on 'How To Become a Successful Entrepreneur'

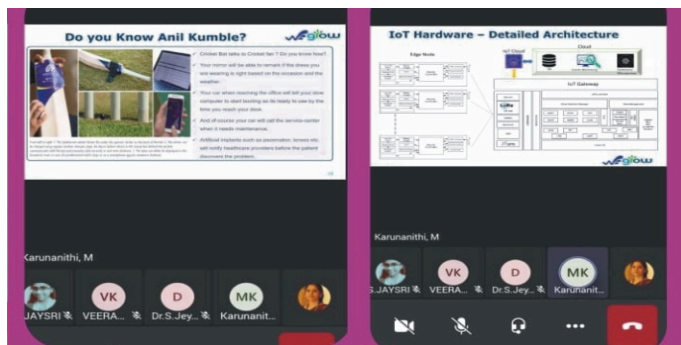
A National webinar on 'Database Management System' was organized on 17.04.2021 and the resource person was



National webinar on the 'Database Management System'

Ms.K.Jayanthi. Technology lead at Infosys, Bangalore. The coordinators were Ms. K.Mohanambal A.P(Sr.G) and Ms.S.Shenbagavadivu A.P(Sr.G).

A National webinar on 'IoT and AI Adoption for Industrial Revolution' was organized on 13.05.2021 and the Resource Person was Mr. Murasoliselvan Karunanithi, WeGrow Technology, Engineering Manager, Intel, Malaysia. The coordinators were Dr.A.R.Revathi, Asso. Prof and Dr.S.Jeyalakshmi, A.P (Sel.G).



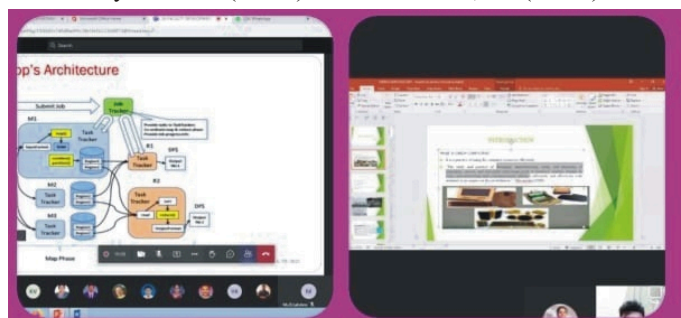
National webinar on the 'IoT and AI Adoption for Industrial Revolution'

A one day SDP on 'System Maintenance using Machine learning Techniques' was organized on 21.05.2021 and the Resource Persons were Mr. G. Mr.G.Vivekanandan, A.P(O.G). The coordinators were Ms. K. Mohanambal, A.P(O.G). and Mr.G. Mr.G.Vivekanandan, A.P(O.G).



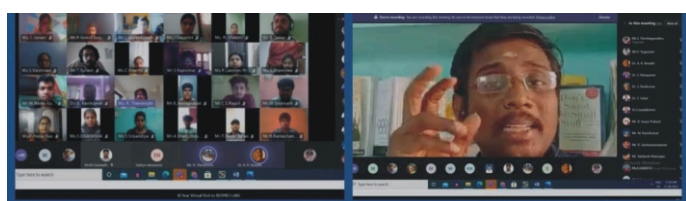
SDP on 'System Maintenance using Machine learning Techniques'

A six days online FDP on 'Data Storage And Processing Through Cloud Computing', from 24.05.2021 to 29.05.2021 for the Teaching Staff and the resource persons were Dr.A.R.Revathi, Asso.Prof., Dr. S. Ravikumar-A.P (Sel. G), Dr.S.Narayanan-A.P (Sel. G) Dr.S.Jeyalakshmi-A.P(Sel.G), Ms.S.Shenbagavadivu,A.P(Sr.G), Mr.K.Elaiyaraja,A.P(Sr.G), Mr.R.Sankaranarayanan- A.P (O. G). The coordinators were Dr.S. Narayanan A.P(Sel.G). and Dr.S.Sekar, A.P(Sel.G).



FDP on the 'Data Storage And Processing Through Cloud Computing'

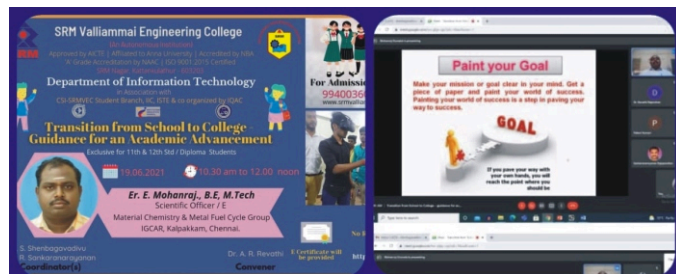
A Virtual Industrial visit to 'RESPRO LABS' was organized on 11.06.2021 for III year IT students and the resource persons were Mr.Shabarinath Premlal, founder of RESPRO LAB and



Virtual Industrial Visit to 'RESPRO LABS'

Mr.Sathyannarayanan, Ed tech. Mr.Shabarinath Premlal Ed tech Professional RESPRO LAB. The coordinators were Ms.S.Shenbagavadivu A.P(Sr.G).

A school programme 'A Talk on Transition from School to College Guidance for an Academic advancement & Three phases of Quiz Contest' were organized from 19.06.2021, 20.06.2021 & 24.06.2021 (Three Days) for XI and XII class students. The Resource Person was Er. E. Mohanraj, Scientific Officer / E Material Chemistry & Metal Fuel Cycle Group (IGCAR) Kalpakkam, Chennai. and the coordinators were Ms.S.Shenbagavadivu, A.P(Sr.G). and Mr.R.Sankara Narayanan, A.P(O.G).



'A Talk on Transition from School to College Guidance for an Academic advancement & Three Phases of Quiz Contest'

A Digital Alumni Meet on 'Change Ability to cope up the transforming Global Technology Scenario' was organized on 27.06.2021 for the Alumni of IT Department and the Resource person were Mr. Palanimuthu Jeyavel Kumaran, Project Manager, Innova Solution Inc, Chennai (IT Alumni-Batch:2000-2004). The coordinators were Dr.S.Ravikumar, A.P(Sel.G)., and Ms.S.Shenbagavadivu A.P (Sr.G).



Digital Alumni Meet on 'Change Ability to cope up the transforming Global Technology Scenario'

Dr.Narayanan, A.P. and Ms.R.Saranya, A.P, published a journal article titled the 'Edge Computing: Network and Security Challenges' in International Journal of Scientific Research and Reviews ISSN: 2279-0543 Jan-March 2021

Dr.S.Ravikumar, A.P., published a journal article titled the 'A New Adaptive Hybrid Mutation Black Widow Clustering Based Data Partitioning for Big Data Analysis' in Journal of Wireless Personal Communication, Springer, ISSN:0929-6212, Apr. 2021.

Ms.R.Shanthi, A.P., published a journal article titled the 'Portraying the Impact of dry Spell on Farmer Harvest Generation in India Utilizing Affiliation Standard Mining.' in International Research Journal of Engineering and Technology(IRJET) e-ISSN:2395-0056, p-ISSN-2395-0072, Vol-8, Issue-04-Apr.2021.

Ms.S.Shenbagavadivu A.P., published an article titled 'ஹைட்ரஜன் இணையம் (IoT)' in களஞ்சியம், Volume No.21, Issue No.1, April 2021, Anna University, Chennai.

Dr.S.Ravikumar, A.P., published a journal article titled the 'CNN-OHGS:CNN-Oppositional based Henry gas solubility optimization model for autonomous vehicle control system' in Journal of International Journal of Field Robotics, ISSN: 1556-4959, May 2021.

Dr.A.R.Revathi, Asso. Prof., presented a paper titled 'A Study on IoT and CoT Based wearable Healthcare' on International Conference on Advanced Computing and Communication

Technology (ICACCT-2021) organized by Dept.of Information Technology, Francis Xavier College, Tirunelveli from 06.05.2021 to 17.05.2021

Mr.G.Vivekanandan A.P, delivered a lecture on 'System maintenance using Machine Learning Technique' in the Online SDP, organized by Department of Information Technology, SRMVEC on 21.05.2021.

Dr.A.R.Revathi, Asso. Prof., Dr.S.Ravikumar A.P., Dr.S.Narayanan A.P., Dr.S.Jeyalakshmi A.P., Mr.K.Elaiyaraja,A.P., Ms.S.Shenbagavadivu A.P., and Mr.R.Sankaranarayanan A.P., delivered lectures in the six day online FDP titled 'Data Storage and Processing through Cloud Computing' organized by Dept of IT, SRMVEC from 24.05.2021 to 29.05.2021.

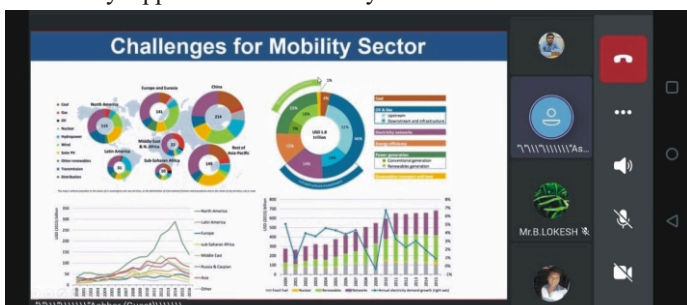
Dr.A.R.Revathi, Asso. Prof., delivered a lecture on 'Decision Tree Learning and Learning Set' in the six day FDTP on Machine Learning Techniques, organized by Sri Sai Ram Engineering College from 07.06.2021 to 11.06.2021.

The Staff Members participated in 31 Online FDP/STTP, 54 Webinar/ Guest Lecture/ Quiz/Others & 2 Certification. Students participated in 4 Webinars, 39 Course Completions, 8 Online Quiz, 4 Workshops, 1 Value Added Course, 9 Journal Publications and 1 National Cadet Corps.

“ Dr.M.Murugan (Vice-Principal) is nominated as Convener of Education Panel of Federation of Indian Chamber of Commerce and Industry (FICCI)-Tamil Nadu State Council (TNSC) for the year 2021-22. ”

Department of Mechanical Engineering

The Guest Lecture on 'E-Mobility in India-Challenges, Technologies, Market & Opportunities for Indian Youth' was conducted through online mode on 16.04.2021. The resource person Mr.Ashhar Ahmed, Skill development director Skillshark EduTech, Telangana delivered an expert lecture on the following topics: Transportation in industry, Transportation elements, functions, modes and impact, Electric Vs. Gasoline, Electric vehicles : E-Mobility evolution, Electric cars (Hybrid), Future development in E-vehicle, E-Mobility- opportunities for Indian youth.



Guest Lecture on 'E-Mobility in India-Challenges, Technologies, Market & Opportunities for Indian Youth'

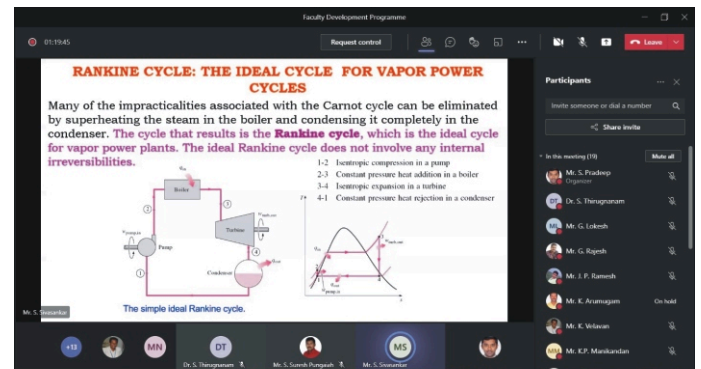
The International Guest Lecture on 'Application of CFD in Fire Safety Engineering' was conducted through online mode on



International Guest Lecture on 'Application of CFD in Fire Safety Engineering'

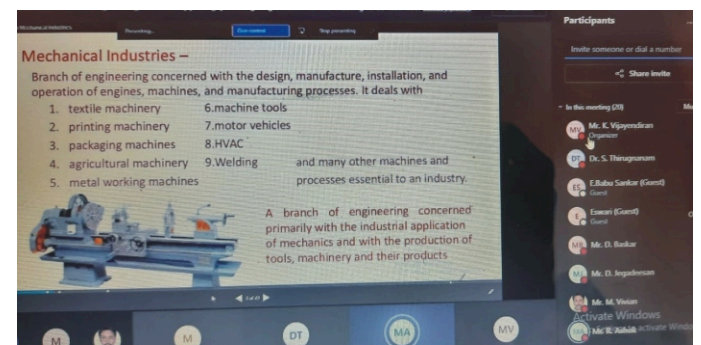
24.04.2021. The resource person Mr.S.Manoj Pradeep, M.E., Senior Engineer, Ignesis Private Limited, Singapore delivered the expert lecture on the following topics: Heat release rate, Fire and its adverse effects, Smoke control system, Design of sprinklers, Fire and smoke analysis, Evacuation analysis, CFD software's in Fire safety engineering, Green building design, Energy Modelling.

A six day online Faculty Development Programme on 'Concepts of Engineering Thermodynamics, Engineering Mechanics and Dynamics of Machinery' was conducted from 24.05.21 to 29.05.21 through Microsoft Teams online platform. The resource persons were Dr.A.Kumaravel, Professor & Dean/ School of Mechanical Sciences/ KSR College of Technology, Dr.G.Shanmugasundar, Associate Professor/ Mechanical Engineering / Sairam Institute of Technology, Dr.k.Rajasekar, Assistant Professor/ Aeronautical Engineering / Bannari Amman Institute of Technology, Dr.R.Dhivagar, Assistant Professor/ Mechanical Engineering / QIS College of Engineering and Technology, Mr.M.Ramesh, Assistant Professor/ Aeronautical Engineering / Bannari Amman Institute of Technology, and also the following internal faculty: Mr.K.Vijayendiran Asst Prof (Sr.G), Mr.R.Srinivasan, Asst Prof (Sr.G), Mr.S.Sivalingam, Asst Prof (Sr.G), Mr.R.Ramkumar, Asst Prof (O.G), Mr.S.Sivasankar, Asst Prof (O.G) and Mr.P.Ramu, Asst Prof (O.G).



FDP on 'Concepts of Engineering Thermodynamics, Engineering Mechanics and Dynamics of Machinery'

The Skill Development Programme on 'Safety practices in Handling Equipment' was conducted through online mode on 07.06.2021. Mr.R.Ashok, Assistant professor, Department of Mechanical Engineering, SRM VEC, discussed the various safety aspect to be followed in the laboratory and the basic safety procedures that should be followed to handling the equipment without any issues. During the afternoon session, the resource person Mr.K.Vijayendiran Assistant professor, Department of Mechanical Engineering, SRM VEC discussed the types of safety and the case studies about how the safety is important to have proper handling of the machines. The topics covered were very useful to Non Teaching staff members. 17 members participated in the programme.

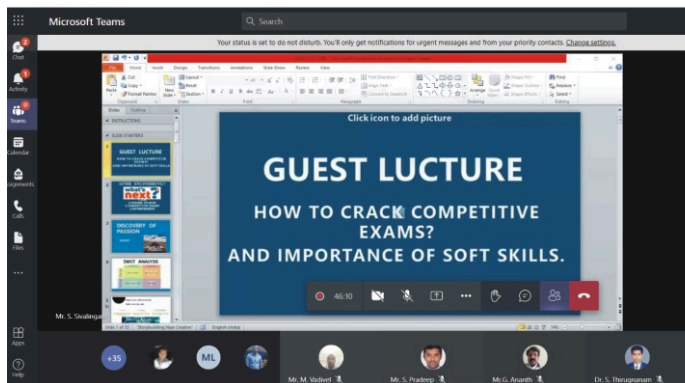


SDP on 'Safety practices in Handling Equipment'

A Guest Lecture on 'One step closer towards students' goal' was successfully conducted through online mode on 09.06.2021. Mr.M.Vinothkumar, Alumnus, Founder, Endurance Engineering

Academy, delivered an expert lecture on the above topic. He covered the gate syllabus, Gate stipend for Masters, Gate CGPA for direct Ph.D in IISc, IITs, PSU's Job through gate score and recruitment process for PSU job.

A Guest Lecture on 'How to crack Competitive Exams? and importance of soft skills' was conducted through online mode on 11.06.2021. The resource person Mr.Ragul Ravichandran, Alumnus, Founder & Director, Language Pillar and Am IAS Academy, delivered the expert lecture on the above topic. He covered the TNPSC Exam & UPSC EXAM syllabus, and encouraged the students to write the competitive exams.



Guest Lecture on 'How to crack Competitive Exams? And importance of soft skills'

Mr.M.Vadivel, Asst Prof(O.G), Ms.N.Nithya, Asst Prof (Sr.G), Mr.G.Rajesh, Asst. Prof(O.G) and Mr.R.Srinivasan, Asst Prof(Sr.G), are participated in the Second International conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering 'ICSA 2021' on 10.04.2021 at SRM Valliammai Engineering College.

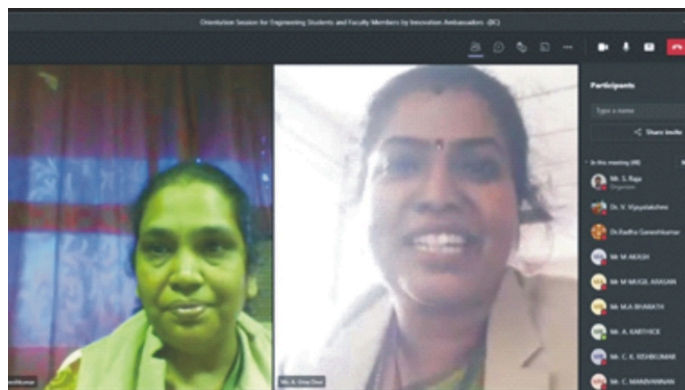
Mr.R.Srinivasan, Asst Prof(Sr.G) was awarded first prize and Ms.N.Nithya, Asst Prof (Sr.G) was awarded third prize in Paper presentation in the Second International conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering 'ICSA 2021' on 10.04.2021 at SRM Valliammai Engineering College.

Dr.S Thirugnanam, Professor, filed and published patent in 'Composite LPG Cylinder using GFRP with Al alloy matrix'.

Department of Master of Business Administration

An online Webinar on 'E-Retailing' was conducted by the Dept. of Management Studies in association with the Entrepreneurship Development Cell on 3.4.2021. Mr.S.Krishnan, CEO Thara Consulting, addressed the first year MBA students on entrepreneurial opportunities in the retail sector. Mr. K. Guru, Asst. Professor and Mrs.A.Uma Devi, Asst. Professor coordinated the event.

Dept. of Management Studies, in association with the Institution Innovation Council organised an Orientation Session



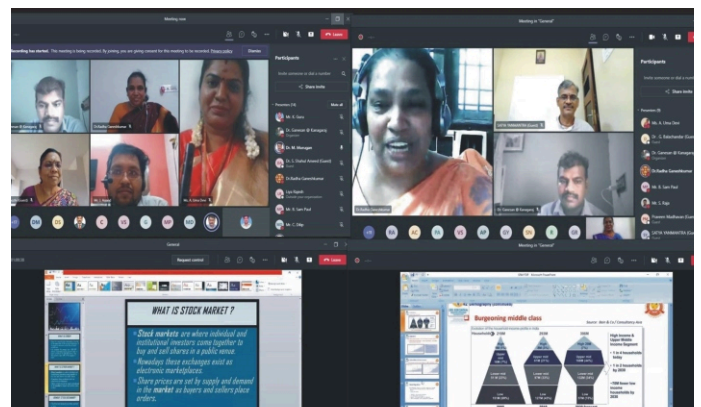
Orientation Session of Institution Innovation Council

for Faculties and Students on 7.4.2021. Dr. Radha Ganeshkumar, Head of the Department of Management Studies, President IIC and Innovation Ambassador highlighted the importance of Institution Innovation Council. Dr. S. Raja, Asst. Professor Coordinator-IIC explained in detail about the various programme conducted from 2019 to 2021. He also gave insights about the importance of various IIC programs to the student's community. Mrs. A. Uma Devi, Asst. Professor, Innovation Ambassador explained the need for innovation. She emphasized the various opportunities available in the world with the real time examples.

A one day online Skill Development Programme for Non - Teaching Staff on 'Strategic Decision Making and Workplace Effectiveness' on 7.5.2021. The session was inaugurated by the Head of the Department Dr. Radha Ganeshkumar. Mr. K. Guru, Asst. Professor delivered a detailed lecture on Strategic Decision Making and its application in various walk of life. 19 participants from various departments of the institution participated and benefited from the event.

A Memorandum of Understanding was signed by the Dept. of Management Studies, SRM Valliammai Engineering College with Armat BioTech India Pvt. Limited, Chennai with a focus on mutual development in the areas of Management Research and Development activities.

Dept. of Management Studies organised a Five Day Online Faculty Development Programme on 'Security Analysis and Portfolio Management' from 7.06.2021 to 11.06.2021. Dr.M.Thenmozhi, Professor, Dept. of Management Studies, IIT Madras inaugurated the programme and delivered the expert lecture. Eminent Professors and Experts from Academia and Industry delivered the lecture. 34 Faculty Members from various institutions participated and benefited from the programme. Dr.J.Anand and Dr. M. Ganesan @ Kanagaraj coordinated the event.



FDP on 'Security Analysis and Portfolio Management'

In observance of the World Earth Day, Dept. of Management Studies organised an Environment Awareness Activity with the theme Restore our Earth, focusing on natural processes, emerging green technologies and innovative thinking to restore the ecosystem. Students from various departments of the institution actively participated in the event.

Department of English

The HoD and Staff members of the Dept. of English conducted an online Resume screening session for all the 3rd year UG students from 2nd June 2021 to 9th June 2021.

The sessions were conducted from 10.30 am to 1.30 pm. The staff members corrected the students' resumes and gave suggestions to prepare good resumes.

Linguathon Phase 2, a series of competitions were organized online for the students of the first year. The competitions held were A Quarantine Short Film competition, Building Utopia,

Schmooze, Critical Reviewer and Spin a tale. These competitions were held on 12-5-21, 19-5-21 and 23-5-21. The coordinators were Ms.V.Jayanthi and Ms.M.Arthi.

Mr. Abhishek David John A.P was the resource person for the National Webinar organized by Gandhi Engineering College, Bhubaneswar, Odisha on 06.05.2021. He spoke on 'Articulating your way to the pinnacle of your successful career'.

Ms.M.Chitra, Head of the Dept., published a paper titled 'Role of English in placement process for engineering student in India' in journal of Huazhong University of Science and Technology volume 50 issue 04-2021.

Ms.V.Jayanthi A.P presented a paper titled in the first virtual two day International conference on 'Language, Literature and Cultural Studies in the 21st Century' held on 21st and 22nd May 2021 organized by the Department of English, B.S. Abdur Rahman Crescent Institute of Science & Technology and Anna university Chennai.

Ms.V.Jayanthi A.P attended a five day Faculty Development Programme of 'Art of Effective Teaching' organized by the Department of English S.M.S College of Arts & Science from 18th May 2021 to 22nd May 2021.

Department of Physics

All the faculty members of the department of Physics participated in the 2nd International conference on 'Smart Automation in Computer, Electrical, Electronics and Communication Engineering' organized by SRM Valliammai Engineering College on 10th April 2021.

Mrs.R.Nithya Balaji and Mrs.Ramya Rajan M.P presented a paper in the Virtual International Conference on Hierarchically Structured Materials - 2021 organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai from 8th to 10th April 2021.

Dr.H.Krishnan co-chaired the session (Physics) in the 2nd International conference on 'Smart Automation in Computer, Electrical, Electronics and Communication Engineering' organized by SRM Valliammai Engineering College on 10th April 2021.

Dr.H.Krishnan and Mrs.D.Praveena presented a paper titled 'Effect of double side laser shock peening on metallic card cutting' and won the best paper presentation award in the 2nd International conference on 'Smart Automation in Computer ,Electrical Electronics and Communication Engineering' organized by SRM Valliammai Engineering College on 10th April 2021.

Dr.K.Thiruppathi presented a paper titled 'Spectroscopic Studies on Impact of Heavy Metal Ions on High Alumina Cement' in the 2nd International Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering, organized by SRM Valliammai Engineering College on 10th April 2021.

Dr.K.Thiruppathi participated in a national level workshop on 'Recent Trends and Opportunities in Physics' organised by the department of Physics, School of Advanced Sciences, VIT-AP University, Andhra Pradesh from 10th to 17th April 2021.

Dr.M.Anbuechziyan published a research paper titled 'Multifunctional polyethylene glycol-polymethyl methacrylate comprised magnetic nanoparticles as pH-responsive smart cargo for specific curcumin delivery' in the Journal of Materials Technology-Advanced performance materials (Taylor & Francis-April 2021).

Mrs.R.Sasireka participated in an International e-workshop on Science and Technology of Emerging materials organised by Chettinad College of Engineering and Technology, Karur from 19th to 21st April 2021

Dr.K.Thiruppathi participated in a two day International Conference on 'Naval Nanomaterials for Innovative Research

ICNNIR 2021' organized by the department of Physics, Rathinam College of Arts and Science, Coimbatore during 29th and 30th April 2021.

Dr. M.Anbuechziyan published a research paper titled 'Synthesis, growth, physio-chemical Hirshfeld surface analysis of guanidinium L-glutamate single crystal' in the Journal of Material Science: Mater electron (2021)32:12503-12512.

Mrs.Ramya Rajan M.P published a research paper titled 'Synthesis, Characterization, in vitro and in silico studies of Bis-Hydrazone complexes derived from Terephthalic dihydrazide' in the Journal of Molecular Structure.

Dr.H.Krishnan participated in a Faculty development programme on 'Teachers are Nation-Builders' organized by Arjun College of Technology, Coimbatore on 5th May 2021.

Dr. M.Anbuechziyan participated in the NPTEL E-Awareness workshop on 5th May 2021.

Dr.K.Thiruppathi and Mrs.R.Sasireka participated in a Faculty development programme on 'Advanced Science and Technology' organised by SRM Institute of Science and Technology, Ramapuram Campus on 5th May 2021.

Dr.K.Thiruppathi, Dr.S.Gandhimathi, Mrs.S.Sowmiya and Dr.S.Padmaja participated in a workshop on 'Research Trends in Photonic Devices and Applications (RTPDA-2021)' organized by School of Electronics Engineering (SENSE), Vellore Institute of Technology, Chennai during 10th and 11th May 2021.

Mrs.R.Sasireka attended a one week AICTE sponsored STTP - Series 1 on 'Emerging trends in Nanomaterials for Electronic and optoelectronic Devices' organised by Swarnandhra College of Engineering & Technology, Kakinada from 10th to 15th May 2021.

Mrs.R.Sasireka attended a one week AICTE sponsored STTP - Series 2 on 'Emerging trends in Nanomaterials for Electronic and optoelectronic Devices' organised by Swarnandhra College of Engineering & Technology, Kakinada from 17th to 22nd May 2021.

Dr.K.Thiruppathi participated in a one-week AICTE Sponsored online short time training programme (STTP) on 'Emerging trend on Nanomaterials for Electronic and Optoelectronic Devices (Series III: Fabrication and Characterization of Optoelectronic and Photonic Devices)' organized by the department of Electronic and Communication Engineering ,Swarnandhra College of Engineering and Technology, Kakinada from 24th to 29th May 2021

Dr.M.Anbuechziyan participated in an online workshop on 'Managing your References through Mendeley' organised by Sushant University, Gurugram, Haryana on 22nd May 2021.

Dr.K.Thiruppathi participated in a Faculty development programme on 'Teachers are Nation-Builders' organized by Arjun College of Technology, Coimbatore on 31st May 2021.

Dr.S.Padmaja published a research paper titled 'Investigations on CdS reinforced PMMA Solid films of different molar concentrations for optical applications' in Advanced materials and applications (ISSN 2582-5070 May 2021).

Dr.K.Thiruppathi participated in an FDP on Emotional intelligence' organized by National Institute of Technical Teachers Training and Research, Chennai in association with ATAL, New Delhi from 7th to 11th June 2021.

Dr.K.Thiruppathi participated in a three-day FDP on 'Growth, Characterization of NLO Materials and Spectroscopic Studies' organized by the department of Physics, Mohamed Sathak A J College of Engineering, from 10th to 12th June 2021.

Dr.H.Krishnan and Dr.K.Thiruppathi attended an international workshop on 'Tamizh mozhiyil iyarkkai mozhi aayivu selpaadukkal' organized by Kani Thamizh Peravai and Paarivendar Maanavar Tamizh mandram, SRM Valliammai Engineering College on 11th June 2021.

Dr.S.Gandhimathi, Mrs.R.Sasireka, Mrs.S.Sowmiya and Mrs.Ramya Rajan M.P participated in a six day FDP on

Engineering Physics -PH8151 organized by Indira Ganesan College of Engineering, Trichy from 14th to 19th June 2021.

Dr.K.Thiruppathi participated in a six day FDP on 'Recent Developments in Materials Science-2, jointly organized by the department of Physics and Chemistry, Sree Saraswathy Thyagaraja College, Pollachi, Coimbatore from 16th to 22nd June 2021.

Dr.M.Anbuechziyan published a research paper titled 'Synthesis, spectroscopic, thermal analysis and quantum chemical calculation of a new third-order nonlinear optical material: N-allylthiourea' in the Journal of Materials Science: Materials in Electronics, 32(11), 15364-15374

Dr. M.Anbuechziyan was the judge for paper presentation in the International conference on 'Modern Functional Materials(ICMFM-2021)'organized by Sri Sai Ram Engineering College, Chennai on 24th and 25th June 2021.

Dr. M.Anbuechziyan and Dr.S.Padmaja published a research paper titled 'Enhanced photocatalytic mineralization efficiency of anionic element doped ZnO by improving separation of excitons' in the Journal of Materials Science: Materials in Electronics 32 (9), 12631-12647.

Department of Chemistry

In the International e-Conference on 'Developments in Chemical, Biological and Environmental Sciences (DCBES-2021)' organized by GITAM (deemed to be University, during 28th to 30th June 2021, the Staff noted below presented papers.

Dr. L. Devaraj Stephen, presented a paper titled, 'Carbazole Terminal Pyrenyl Pendant Pyridine Core Imine Skeletal Based Polybenzoxazine-Nanosilica (nSiO₂/PBZ) Hybrid Nanocomposites'.

National Service Scheme (NSS)

During the pandemic twenty four students enrolled under the National Service Scheme (NSS), voluntarily turned up for helping the election authorities and voters in various polling stations of Tamilnadu Assembly Election 2021 in Chengalpattu district on 06.04.2021. They were allowed to work as volunteers as they individually came forward with the request through their NSS Programme Officer. They volunteered to guide the voters including the differently abled and senior citizens to the booths. The main issue raised was the shortage of volunteers for assisting the elderly voters in various booths. Also, there was a shortage of officials to oversee the implementation of social distancing protocol. They were employed to provide hand sanitizers to the voters and check their body temperature before letting them inside the polling booths. They helped in creating a barrier-free ambience in all polling stations. Finally Dr.S.Parthasarathy, NSS Programme Officer proposed a vote of thanks to the team of his NSS volunteers.

Twenty staff of SRM Valliammai Engineering College received the first dose of the vaccine at Government Primary Health Centre, Guduvanchery on 24.03.2021. Subsequently they had their second dose of the vaccine at the same place on 27.04.2021. 19 other staff have also taken their first doses of the vaccine at the same place on 12.04.2021. The overall programme was coordinated by Dr.S.Parthasarathy, NSS Programme Officer.

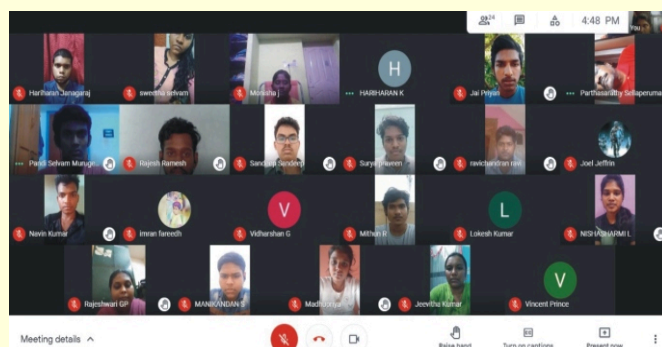


Staff Vaccinated at GPHC, Guduvanchery

SRM Valliammai Engineering College observed 'World No Tobacco Day' as informed in the circular from University Grants Commission (UGC). Every year, on 31st May, the World Health Organization and global partners observe World No Tobacco Day (WNTD). The annual campaign is an opportunity to raise awareness on harmful and deadly effects of tobacco smoke usage and second-hand smoke exposure, and to discourage the use of tobacco in any form.

This year, the theme of World No Tobacco Day 2021 is 'Commit to Quit'. UGC has directed all the institutions to observe

the 'World No Tobacco Day' on 31st May 2021 on the theme and also to organize a pledge-taking ceremony in a befitting manner strictly adherence to the Government protocols on COVID-19. The pledge taking ceremony was organized for all the NSS volunteers of SRM Valliammai Engineering College on 31st May 2021. A total of 24 students participated in the pledge. The pledge was administered by Ms. Monisha, I CSE. The overall programme was coordinated by Dr.S.Parthasarathy, NSS Programme Officer.



'World No Tobacco Day'

Since 2015, June 21 is celebrated as International Day of Yoga all over the world. Due to the pandemic situation when actual travel is not advisable, the NSS unit of SRM Valliammai Engineering College initiated an online programme based on the theme 'Be With Yoga Be At Home' and FIT India. On this occasion of International Yoga Day, 21 June 2021, the NSS unit of SRM Valliammai Engineering College in association with Isha Foundation (which is recognized by Ministry of AYUSH, Govt of India, as a spiritual organization who can be partnered in conducting yoga programmes), organized multiple sessions to boost immunity and improve respiratory function with guided meditation for the NSS Volunteers.

The present situation demands prompt response towards COVID-19 by equipping the humans with strategies to overcome the infection and the stress associated with it. These strategies must not only be limited to preventive and therapeutic measures, but also aim at improving immunity and mental health. The inaugural session was taken over by Dr.S.Parthasarathy, NSS Programme Officer at 10.00 A.M. The Yoga instructor took everyone through the session. The importance of yogic breathing, Simha Kriya and Isha kriya with three other important asanas were taught in the session for 90 minutes.

The NSS unit of SRM Valliammai Engineering College received Best NSS Unit & Best Volunteer (Hariharan. K, III year ECE1) Awards for the year 2019-20 from Anna University.

Dr. S. G. Gunasekaran, presented a paper titled, Carbazole Terminal Pyrenyl Pendant Pyridine Core Imine Skeletal Based Polybenzoxazine-Nanosilica (nSiO₂/PBZ) Hybrid Nanocomposites.

Mr.V.Arivalagan, presented a paper titled, Synthesis, Characterisation and Studies on Arene Based Imine Skeletal Polybenzoxazine and Nanosilica Reinforced Polybenzoxazine (nSiO₂/PBZ) Nano Composites

Ms. M. Meera, presented a paper titled, Dielectric Materials Based on Nanotitanium Reinforced Imine Skeletal Polyimide (nTiO₂/PI) Nano Composites.

Dr.S.G.Gunasekaran participated in an International Conference on 'Recent Advances in Chemical, Physical and Biological Sciences' organized by Department of Chemistry, Nabira Mahavidyalaya, Katol and Association of Chemistry Teacher, Mumbai from 29th to 30th June 2021.

Dr.L.Devaraj Stephen participated and successfully completed AICTE Training and Learning (ATAL) Academy Online FDP on 'Functional Materials for Energy Environment and Healthcare' from 21.06.2021 to 25.6.2021 at NIT Calicut.

Dr. L. Devaraj Stephen participated in a one week online International Faculty Development Programme on 'Facets of Teaching' organised by Centre for National & International Academic Collaborations, Tamil Nadu Teachers Education University, Chennai conducted from 14.06.2021 to 20.06.2021.

Dr. L. Devaraj Stephen completed a short course in 'Fundamentals of Communication' offered by Deakin University, Australia on 19.06.2021

Mr. V. Arivalagan and Ms. M. Meera participated in the International Expert Lecture Series 'Transforming Engineering Talent for the Global Industry' by Mr.Afzal Ebrahim - CEO, Infonex Technologies, USA, organized by Arjun College of Technology, Coimbatore on 17.06.2021.

Mr. V. Arivalagan participated in the International Expert Lecture series 'Exploring Connections between Mathematics, Culture and Context' by Dr. Nirmala Naresh - University of North Texas Denton, USA, organized by Arjun College of Technology, Coimbatore on 16.06.2021.

Dr. S. G. Gunasekaran and Mr. V. Arivalagan participated in the International Faculty Development Programme on 'Challenges in Energy Management for Smart Cities' organized by Department of Electrical and Electronics Engineering in association with Centre for Renewable Energy Technology-AVIT from 07.06.2021 to 11.06.2021.

Dr. P. Maheswari participated in a three day online FDP on Growth, Characterization of NLO materials and Spectroscopic Studies, organized by Mohamed Sathak A.J. College of Engineering, held from 10.06.2021 to 12.06.2021.

Dr. L. Devaraj Stephen completed an online course titled 'Finding Purpose and Meaning in Life: Living for What Matters Most' offered through Coursera Certification by University of Michigan, Ann Arbor, on 04.06.2021.

Dr.N.Jayaprakash was the guest speaker in a webinar on Ecosystem Restoration conducted by department of ECE & Chemistry Loyola Institute of Technology, Chennai on 4th June 2021.

Dr. L. Devaraj Stephen participated in the NAAC sponsored two day workshop on 'Incubating Seven Attributes of Teaching Learning Process in Higher Education Institution: Post Covid 19' organised by the Internal Quality Assurance Cell, Mount Zion College of Engineering and Technology, Pudukkottai conducted from 03.06.2021 To 04.06.2021.

Dr.S.G.Gunasekaran participated in a Faculty Development Programme on 'Arts of Doing Research' held on 04.06.2021 through online mode organized by Arjun College of Technology, Coimbatore.

Ms.M.Meera participated in a Faculty Development Programme on 'Incubation and Entrepreneurship' organized by

Arjun College of Technology, Coimbatore on 2.6.2021.

Ms. M. Meera attended an AICTE sponsored one week short term training programme on 'Fabrication and Characterization of Nanoelectronic Devices' organized by Swarnandhra College of Engineering & Technology, held from 17.05.21 to 22.05.2021.

The Dept of Chemistry and Physics jointly organized an Essay Writing and Elocution-Paper Presentation (Resonance 2021) from 15th to 17th May 2021 for the First Year B.E/B.Tech students under the auspices of the Physical Sciences Club.

Dr.S.G.Gunasekaran attended an AICTE sponsored one week short term training programme on 'Synthesis and

Department of Mathematics

Dr.S.Chitra, HOD/AP (Sl. G), Dr.V.Vijayalakshmi, AP (Sl.G) presented a paper titled 'Efficient Vertex edge domination sets in Graphs and Fuzzy graphs' in the International Virtual Conference in Recent Advancements in Mathematics ICRAM 2021S Organized by PG and Research Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur on 09.04.2021 and 10.04.2021.

Dr. S. Chitra, HOD/AP (Sl. G) was the member of Advisory Board Meeting for the academic year 2020 -2021 at Sri Sai Ram Institute of Technology on 09.04.2021.

Dr.S.Chitra, HOD/AP (Sl. G) attended a webinar on 'Opportunities in Medical Devices Design and Development' organized by Saveetha Engineering College on 01.06.2021.

Dr.S.Chitra, HOD/AP (Sl. G) was the resource person in a webinar organized by the department of Electronics and Communication Engineering Loyola Institute of Technology, Chennai and delivered a lecture on 'Modern approaches to Probability and Statistics' on 02.06.2021.

Dr.T.Isaiyarasi/AP (Sl. G), Ms.V.Nagarani/AP (O.G) presented a paper titled 'Mutually authenticated key agreement protocol for HWSN' at the International Conference on Recent Advancements in Mathematics (ICRAM 2021) organized by the PG department of Mathematics, Sacred Heart College (Autonomous) Tirupattur, Tamil Nadu on 9th and 10th April 2021.

Dr. V. Vijayalakshmi/AP (Sl. G), Dr. S. Chitra, HOD/AP (Sl.G) presented a paper titled 'QR Decomposition for Pentagonal Fuzzy Number Matrices' at an International Conference on Recent Advancements in Mathematics (ICRAM 2021) organized by the PG department of Mathematics, Sacred Heart College (Autonomous) Tirupattur, Tamil Nadu on 9th and 10th April 2021.

Dr. V. Vijayalakshmi/AP (Sl. G) published a book chapter entitled 'Artificial Intelligence Architecture to Applications' in the book titled 'Emerging Global Business Practices and Trends in Post Pandemic Economy' in the ISBN:978-93-91077-05-1, April 2021.

Dr. V. Vijayalakshmi/AP (Sl. G) published a book chapter entitled 'Game Theory and its Applications in Post Pandemic Competitive Situation' in the book titled 'Emerging Global Business Practices and Trends in Post Pandemic Economy' in the ISBN: 978-93-91077-05-1, April 2021.

Dr. V. Vijayalakshmi/AP (Sl. G) , Dr. S.Chitra, HOD/AP (Sl. G) attended the National workshop on 'Research Developments and its prospects' organized by Academic conference on 6.6.21.

Dr. V. Vijayalakshmi/AP (Sl. G) was the resource person in a webinar organized by the Department of Mathematics Loyola Institute of Technology, Chennai and delivered a lecture on 'Role of complex variables in Engineering' on 25.06.2021.

Ms. V. Nagarani/AP (O. G), Dr. T. Isaiyarasi /AP (Sl. G) presented a paper on 'Multi Party Key Agreement Protocol using Factorization Search problem in Five dimensional Discrete Heisenberg group' in the International Conference on Recent

Advancements in Mathematics (ICRAM 2021), organized by the PG & research department of Mathematics, Sacred Heart College (Autonomous), Tirupattur held on 9th and 10th April 2021.

Ms. V. Nagarani/AP (O.G) was the resource person in a webinar organized by the department of Mathematics Loyola Institute of Technology, Chennai and delivered a lecture on 'Real life Applications of Laplace Transforms' on 26.06.2021.

Dr. G. Sasikala/AP (O.G), has delivered a Guest Lecture on 'Matrix and its Applications' for the first year students of Prathyusha Engineering College at Thiruvallur on 12.06.2021

The Mathematics Association 'EULER.COM' organized 'MATHFEST 2021' on 17.04.2021 for the first year B.E., B. Tech. Students through online mode, the 8th 'MATHFEST'. Dr.S.Chitra, HOD Mathematics presided over the programme. Dr.V.Vijayalakshmi, the Association coordinator gave an

introduction about the Math Fest 2021. The Math fest coordinators Mr.N.Sundarakannan, Ms.V.Nagarani, Mr.L.Mohan and Mr.D.Captain Prabakaran organized the events. The events conducted were Mathematical Olympiad, Mathematical Puzzle, Paper Presentation, Poster Presentation and Mathematical Modeling.

The Mathematics Association 'EULER.COM' organized 'MATHMIND 2021' from 14.5.2021 17.5.2021, an exclusive mind blowing event for Higher Secondary 2nd year students. More than 175 students from various schools participated and received E certificates. The programme was organized by the Department of Mathematics. Dr. S. Chitra, HOD Mathematics presided over the programme. Dr. T. Isaiyarasi, Dr. G. Sasikala organized the event.

The department staff attended more than 25 webinars.

Paarivendhar Tamil Mandram

The book titled Valai Vasal Varuga, authored by the Principal, Dr.B.ChidambaraRajan and Mr.K.Shanmugam, AP/CSE has been selected for Manavai Mustafah Memorial Award for the Best Technical book.

Mr. K.Shanmugam, AP, CSE delivered a special address entitled Digital Tamil through Python Theory-Understanding the methods to develop Tamil apps on 17.04.2021 organized by Pixibit pte Ltd, Innovation Indian Arts centre, Singapore by online mode.

Hello Nenje (ஹலோ நெஞ்சே), a You tube channel organized a Tamil New year (April-14)pattimandram on 14.04.2021 on the topic [அரசியலில் இளைய தலைமுறையின் வருகை ஆக்கம் தருமா? அழிவு



and K.Sankarbabu/ECE participated in the programme.

Vendhar TV organized a Tamil New year (April-14) Debate show on 12.04.2021 on the topic (குமிழ்ப்புத்தாண்டு சித்திரை முதல் நாளா? தை முதல் நாளா?) Mr.K.Shanmugam, A P / C S E , and K.Sankarbabu/ECE participated in the programme. This event was telecast on 14.04.2021.

Karpagam Acadamey of Higher Education, inaugurated the Kani Tamil Peravai on 07.05.2021. Dr.B.Chidambara Rajan, Principal, SRM Valliammai Engineering College was the chief guest and he delivered the lecture on Tamil language usage in digital medium.

Paarivendhar Students Tamil association and Department of CSE jointly organized a school event for higher secondary students on 06.06.2021 titled Next Target.

Mr.K.Shanmugam,AP/CSE received the Kalignar Award (கலைஞரின் முத்தமிழ் விருது) for his Tamil activities in college, his tamil talent and exemplary skills by Pasumai vassal Foundation, Karunyam trust, Olisudar seva trust.

SRM VEC, Kani Tamil Peravai and Paarivendar Student's Tamil association organized an International Workshop on Natural Language processing in Tamil on 11.06.2021. The Chief guest of the event was Dr. Bharathi Raja Chakravarthi, Adjunct Lecturer at School of Computer Science, National University of Ireland Galway Postdoctoral Fellow at Unit for Linguistic Data, Insight SFI Research Centre for Data Analytics, Data Science Institute, National University of Ireland, Galway. More than 70 participants attended this event

In the event of Bibliography Review of the technical tamil book event conducted on 19.06.2021, Mr.Gunasekaran Chinniah, Singapore and Dr.S.Arulchelvan, Associate Professor, Department of Media Sciences, Director, Centre for Development of Tamil in Engineering and Technology, Anna University Chennai, and Dean, Anna University College of Engineering Villupuram were the chief guests of this event. They shared information about the book titled 'Valai Vasal Varuga' written by our Principal Dr.B.Chidambara Rajan and Mr.K.Shanmugam AP/CSE on 19.06.2021. This programme was organized by Manavai Mustafah Science Tamil Mandram. The introductory address of the book was given by Mr.K.Shanmugam, AP/CSE, SRM VEC. A total of 62 participants participated in this webinar event.

Department of General Engineering

Mr. S. K. Saravanan AP(Sel.G) and HoD General Engineering successfully defended his thesis and was awarded Ph.D. degree on 17.05.2021.

Mr.S.K.Saravanan, AP (Sel.G), Dr.S.Parthasarathy, AP (Sel.G), Mr.V.Santhanamarichamy, AP(Sel.G) and Mr.M.Asan Nainar, AP(Sel.G) attended an online Faculty Development Programme on 'Open Source Tools for Data Analytics' organized and conducted by Sri Sairam Engineering College from 24.05.2021 to 28.05.2021.

Dr. S. Parthasarathy attended a workshop on 'Call for Code using IOT' organized and conducted by Chalapathi Institute of Engineering & Technology, Guntur, AP on 27.05.2021.

Mr.S.K.Saravanan, AP(Sel.G) attended an online International Faculty Development Programme on 'Artificial Intelligence Integrated WEB Services' organized and conducted by Easwari Engineering College from 25.05.2021 to 29.05.2021.

Mr. K. Ragul Kumar, AP(O.G) attended five days online ATAL FDP Programme on 'Global Warming and Impact of Power Electronics towards Green Technology' organized and conducted by SRM Valliammai Engineering College, Chennai from 24.05.2021 to 28.05.2021.

Mr.S.K.Saravanan, AP(Sel.G), Dr. S. Parthasarathy, AP(Sel.G), Mr. V. Santhana Marichamy, AP(Sel.G), Mr. M. Asan Nainar, AP(Sel.G) and Dr. D. Sridevi, AP(Sr.G) attended a Short Term Training Programme (STTP) on 'Applied Data Science and Machine Learning' organized and conducted by St. Joseph's College of Engineering from 31.05.2021 to 05.06.2021.

Mr.S.K.Saravanan, AP(Sel.G) and Mr. M. Asan Nainar, AP(Sel.G) attended a one day Workshop on 'SQL for Datascience' organized and conducted by the department of Computer Science and Engineering, SRM Valliammai Engineering College on 05.06.2021.

Mr.S.K.Saravanan, AP(Sel.G) attended an expert Lecture on 'Renewable Energy for Sustainable Development in India'

organized by Karpaga Vinayaga College of Engineering and Technology, Chennai on 05.06.2021.

Mr.S.K.Saravanan, AP(Sel.G) attended an online Webinar on 'Implementation of National Educational Policy (NEP) 2020' organized by the Oxford College of Engineering, Bangalore on 07.06.2021.

Mr. K. Ragul Kumar, AP(O.G) attended a five day online ATAL FDP Programme on 'Emerging Technological Challenges in Electric Vehicle' organized by Annapoorna Engineering College, Salem from 07.06.2021 to 11.06.2021.

Mr.S.K.Saravanan, AP(Sel.G) attended a five day Value Addition Programme on 'Emerging Information Technologies' organized by Dr. MGR Educational and Research Institute from 14.06.2021 to 18.06.2021.

Dr. S. Parthasarathy, AP(Sel.G) attended a five day virtual FDP on 'Research Innovation & Techno-Entrepreneurship (RITE 2021)' organized by Vemu Institute of Technology, P.Kothakota, AP from 14.06.2021 to 18.06.2021.

Dr. D.Sridevi, AP(Sr.G) published book chapters entitled 'Artificial Intelligence Architecture to Applications' and 'Game Theory and its Applications in Post Pandemic Competitive situation' in the book titled 'Emerging Global Business Practices and Trends in Post Pandemic Economy' ISBN:978-93-91077-05-1, April 2021.

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

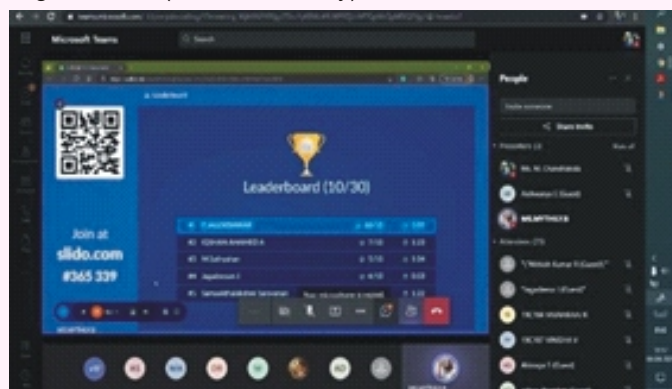
(a) Strategic Decision Making and Work Place Effectiveness by the Dept of MBA, (b) Smart Energy Systems by the Dept of EEE, (c) System Maintenance using Machine Learning Techniques by the Dept of IT & (d) Green Computing in IT World by the Dept of CSE

The department staff attended the following events through online given as consolidated.

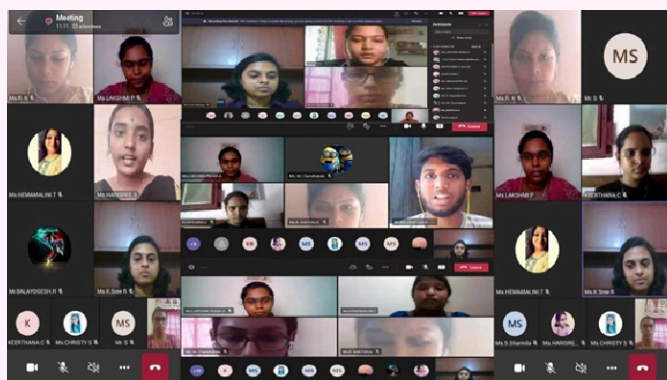
FDP 5, STTP - 5, Publication 2, Webinar-3, Expert Lecture - 1, Workshop 3 & SDP 4.

SRM VEC CSI Student Branch

The SRM Valliammai Engineering College Computer Society of India Student Branch organized a robotic quiz competition 'Roboquees'. More than 150 students registered. The registration was open till 2nd April 2021. The event was conducted on 4th April 2021 as two slots and three winners were selected for each slot based on MCQ marks and timing. The MCQ was about Robotics and AI. The winners were Jagdeshwar.P (SRM VEC), R.Parthasarathy (SRM VEC), Kumutha Nandhini.B (Coimbatore Institute of Technology), V.Vinisha (St. Joseph's College of Engineering), and Shree Ruthi Rakshana.R (Coimbatore Institute of Technology) , Jagadeesan.J (Sastra University).



Robotic Quiz Competition 'Roboquees'



'Technical Forum'

The SRM Valliammai Engineering College Computer Society of India Student Branch organized a competition 'TECHNICAL FORUM'. The results were evaluated based on the contents, presentation, oratory skills, clarity of thoughts and confidence of the participants. The event was conducted as two slots and three winners were selected for each slot. The first slot was judged by our college alumni Ms.S.Sonali and Mr.J.Sabarish and the second slot was also judged by our college alumni Ms. R. Karthiga and Ms. C. Keerthana. The winners were MS. S. M. Hemadharshini from KCG College of Technology, Mr. K. B. Sirajudeen from SRM Valliammai Engineering College, Ms. R. Kavyashree from Anna University Regional Campus Coimbatore as first, second and third respectively.

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The SRM Valliammai Engineering College Computer Society of India Student Branch organized a competition 'Techwizard'. 150 students registered for the event. Ten Candidates were shortlisted for the second round and the event was held on 30.05.2021, the participants were evaluated based on their MCQ score. On the day of the event, the selected candidates presented their presentations on the topics: Haptic technology, Edge and Quantum computing, Intelligent process automatically, Predictive and Personalized Medicine. Ms.S.Sneha Sakthivel, Ms.B.Mythily and Ms.A.LakshmiPrabha evaluated the participants based on the presentation, knowledge of the topic, clarity, and fluency. The first place was given to M. Mohammed Rashid from New Prince Shri Bhavani College of Engineering & Technology and the Second place was won by S.Sivaprakash from SRM Valliammai Engineering College. S.Lavanya from Adhiparasakthi Engineering College and M.Hemavathi from SRM Valliammai Engineering College won the third place.

Competition 'Techwizard'

The SRM Valliammai Engineering College Computer Society of India Student Branch organized the event 'Techie - Talks'. In this event, more than 50 students registered and participated. The registration was open till 29th May 2021 and the event was conducted on 31st May 2021 which consisted of two rounds. In the first contest Product Marketing, and the participants had to market the products given to them on the spot. The best eight candidates were selected for the second round. In the second contest Live Points, the participants were given topics before 5 minutes and they had to talk either positively or negatively according to the judge's request. The first place was secured by Dhivya Shree. R Coimbatore Institute of Technology, the second place was won by Sreshta.B Panimalar Institute of Technology, and the third place was secured by Abinaya.S Coimbatore Institute of Technology and BalaYogesh. R - SRM Valliammai Engineering College.

Event 'Techie -Talks'

The SRM Valliammai Engineering College Computer Society of India Student Branch organized a technical quiz competition 'TECHQUIZEE'. Around 190 students participated in this event. The registration was open till 5th June 2021 and the event was conducted on 6th June 2021. It was conducted in a google form with two sections of questions based on current technologies. The first section had 35 questions that had 3 clues each to find the answer. 30 One mark questions were given at

Technical quiz competition 'TECHQUIZEE'

the beginning while the last 5 were in reversed text with 2 marks each. The participants had to decode them before finding the answer. The second section was a crossword puzzle of 10 one mark questions winners. Three winners were selected based on total points scored in both sections. The top three Winners were Mr. Syed Anas Ahmed from SRM Valliammai Engineering College in first place, Mr. Anurag N. Nair from Jyothi Engineering College in second place and Ms. Saranya S. from Adhiparasakthi Engineering College in third place.

The SRM Valliammai Engineering College Computer Society of India Student Branch organized the event 'Spell-n-Code'. In this event, more than 300 students had registered and participated. The registration was open till 9th June 2021 and the event was conducted on 11th June 2021 which had two rounds. In the first contest, Spellathon, were given a set of alphabets in a hexagon and the participants were asked to find the hidden 7 letter technical word and technical or non-technical words which had 3 or more letters. The top 35 candidates were selected for the second round. In the second round, Code Linguists, the participants were given as set of Multiple-Choice Questions about various programming languages and technologies and the participants were asked to complete them within 30 minutes. The first three places were secured by Varsha.S-PSNA College of Engineering and Technology, Lokesh.P-Sri Sai Ram Engineering College, Madhumitha.V-SRM Valliammai Engineering College.

All the events were conducted and coordinated by Dr.M.Senthil Kumar, CSI Coordinator.

Department of Placement & Career Guidance

The following 18 companies conducted virtual campus drive during the period between April to June 2021.

Tery, Anglo - Eastern Ship Management Pvt Ltd, Reliance Retail Ltd, Concentrix, CSS Corp Pvt Ltd., Titan, OPPO, Federal Bank, Bajaj Finance, Johnson control, TATA Technologies, HCL, NTC Logistics, OPPO, Infosys, Lawyered, Byju's & Freshtohome.

Totally 34 students got selected.

SRM Valliammai Engineering College
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For Admissions :

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