



Thiru. Ravi Pachamootho, Chairman, SRM Group greeted Dr.M.Murugan, Vice Principal of SRM Valliammai Engineering College on receiving IETE - Prof.K.Sreenivasan Memorial Award 2020, in presence of the Principal Dr.B.Chidhambararajan.

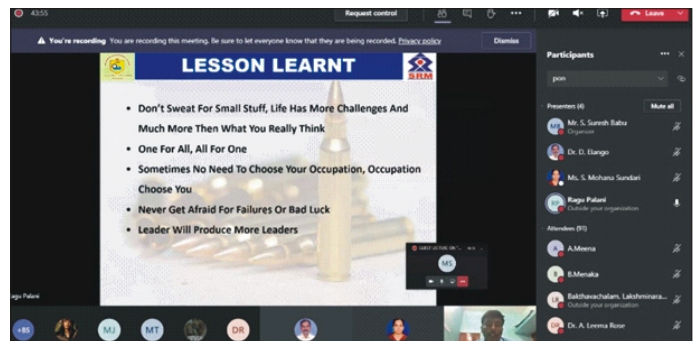
Department of Civil Engineering

Dr.A.Leema Rose, Associate Professor, Department of Civil Engineering received InSc Research Excellence Award for her research in the field of FRP.



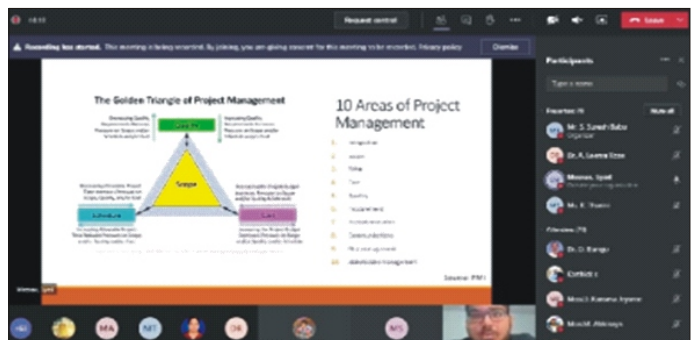
InSc Research Excellence Award

The Department of Civil Engineering in association with Institution of Engineers(IEI) and Indian Society for Technical Education(ISTE) organized a Guest Lecture on 'Role of Civil Engineering In Military Services' on 08.10.2020 from 7.00 P.M.to 8.00 P.M. Around 100 participants including external members participated in this online guest lecture through Microsoft teams. The guest speaker was a prominent Alumni of Civil Engineering Department 2014 Batch, Lieutenant Ragu.P, Indian Army.



Guest Lecture on "Role Of Civil Engineering In Military Services"

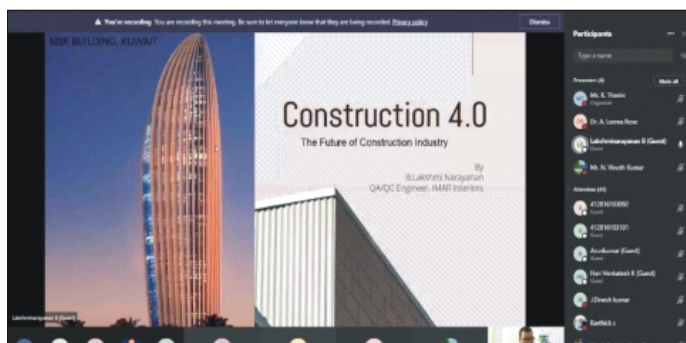
Department of Civil Engineering in association with Institution of Engineers and Indian Society for Technical Education organized a International Guest Lecture on 'Advancements in Construction Management' on 04.10.2020 from 9.00 A.M.to 10. A.M. Around 80 participants participated for this online International guest lecture



Guest Lecture on 'Advancements in Construction Management'

through Microsoft teams. The guest speaker was an Alumni of Civil Engineering Department 2015 Batch, Mr. N. Syedul Mubarak, Project Controller, SNC Lavalin, Canada.

Department of Civil Engineering in association with Institution of Engineers and Indian Society for Technical Education organized an International Guest Lecture on 'Construction 4.0- The Future of Construction Industry' on 23.10.2020 from 6.00 P.M. to 7. P.M. Around 50 participants participated in this online International guest lecture through Microsoft teams. The guest speaker was an Alumni of Civil Engineering Department 2017 Batch, Mr.B.Lakshmi Narayanan, QA/QC Engineer, IMAR Interiors, KUWAIT.



International Guest Lecture on 'Construction 4.0- The Future of Construction Industry'

Ms.K.Tharini, Assistant Professor, Department of Civil Engineering has been a resource person in AICTE Sponsored 6 Days Online STTP on 'Building Information and Modelling' from 31.11.2020 to 05.12.2020 conducted by QIS College of Engineering and Technology, Andhra Pradesh.

From October to November, faculty members have actively participated in Webinars and FDP.

Ms.N.Sinduja, AP, Ms.J.Nandhini, AP and Ms.Lenshia S Canis, AP attended an STTP on 'Recent Advances in Pavement Material Testing and Design' from 14.12.2020 to 19.12.2020 at MNM Jain Engineering College

Ms.N.Sinduja, AP, Ms.J.Nandhini, AP and Ms.Lenshia S Canis, AP attended an STTP on 'Research Challenges and Applications of Internet of Things (IoT) in Smart Agriculture' from 12.12.2020 to 19.12.2020 at Kongunadu College of Engineering and Technology, Trichy.

Mr.Sattainathan Sharma.A, AP, attended a Webinar on 'Advances in Evaluation of Precast Building Technologies in Housing' on 16.10.2020 at Ultra Tech Cement Ltd.

Mr.Mohanraj, AP, attended an FDP on 'Climate Sciences' from 9.11.2020 to 13.11.2020 at Cochin University of Science and Technology, Kochi.

Mr.Mohanraj, AP, attended an FDP on 'Construction Technology' from 23.11.2020 to 27.11.2020 at Maulana Azad National Urdu University, Hyderabad.

Ms.N.Sinduja, AP, attended a CPD on 'CPD Programme of Institution of Engineers' from 18.12.2020 to 20.12.2020 at Institution of Engineers.

Ms.N.Sinduja, AP, Ms.J.Nandhini, AP and Ms.Lenshia S Canis, AP attended 'Green Technology & Sustainability

Engineering from 21.9.2020 to 25.9.2020 at A D Patel Institute of Technology.

Ms.K.Tharini, AP, attended an STTP on 'Industrial and Municipal Solid Waste Management in Green India' from 5.10.2020 to 10.10.2020 at PSR Engineering College.

Mr.J.Arunraj Christadoss, AP, attended an FDP on 'Novel Materials' from 9.11.2020 to 13.11.2020 at SRMIST.

Dr.A.Leema Rose, Associate Prof., Mr.S.Suresh Babu, AP (Sr.G), Ms.S.Mohana Sundari, AP (S.G), Ms.K.Suganya Devi, AP and Ms.K.Tharini, AP attended FDP on 'Recent Advances in Land Surveying and Mapping - I' from 23.11.2020 to 30.11.2020 at SA Engineering College.

Ms.K.Suganya Devi, AP, attended an FDP on 'Recent Advances in Land Surveying and Mapping - II & III' from 23.11.2020 to 30.11.2020 at SA Engineering College.

Dr.A.Leema Rose, Associate Prof., Ms.S.Mohana Sundarari, AP (S.G), Ms.K.Suganya Devi, AP, and Ms.K.Tharini, AP attended an FDP on 'Recent Advances in Pavement Material Testing and Design' from 14.12.2020 to 19.12.2020 at Misrimal Navajee Munoth Jain Engineering College.

Mr.J.Arunraj Christadoss, AP, attended an FDP on 'Research Avenues in Alternative Energy Systems' from 23.11.2020 to 27.11.2020 at Govt. College of Technology, Coimbatore.

Mr.S.Suresh Babu, AP (Sr.G) attended a Training Programme 'Steel Concrete Composite Structure' from 23.11.2020 to 28.11.2020 at SRMIST.

Dr.A.Leema Rose, Associate Prof., Mr.S.Suresh Babu, AP (Sr.G), Ms.S.Mohana Sundari, AP (S.G), Ms.T.Swedha, AP, K.Suganya Devi, AP, Ms.K.A.Kalaiarasi, AP, AP, Mr.N.Vinoth Kumar, AP, Mr.R.Karthick, AP, Ms.K.Tharini, AP and Ms.E.Maheashwari, AP, attended an FDP on 'Waste Technology' from 12.10.2020 to 16.10.2020 at University College of Engineering, Anna University, Tiruchy.

Mr.G.R.Iyappan, AP, attended a Webinar on 'Waste Technology' from 26.10.2020 to 30.10.2020 at Dr.MGR Educational Research Institute.

Mr.T.R.Banu Chander, AP, attended an FDP on 'Waste Technology' from 21.12.2020 to 25.12.2020 at C.V.Raman Global University.

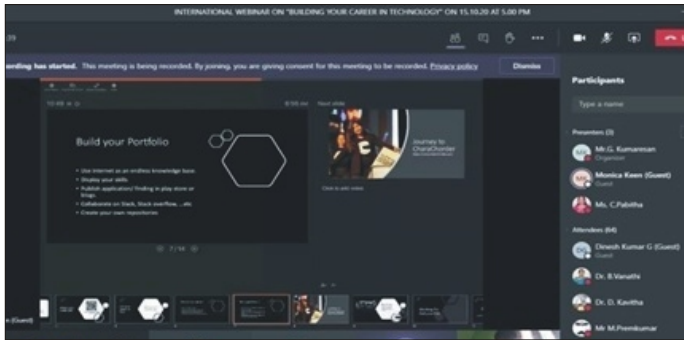
Department of Computer Science & Engineering

Dr.D. Kavitha, published a paper on 'IOT' and context aware learning- based optimal neural network model for real-time health monitoring" in Transaction on Emerging Telecommunications Technologies, First published: 05.10.2020, <https://doi.org/10.1002/ett.4132>, online ISSN:2161-3915, John Wiley & Sons Ltd.

Ms.C.Pabitha and Dr.B.Vanathi, published a paper on 'DenseMask RCNN: A Hybrid Model for Skin Burn Image Classification and Severity Grading' in the Neural Processing

Letters published on 21.11.2020 Springer <https://doi.org/10.1007/s11063-020-10387-5>.

A International Webinar was conducted on 'Building Your Career In Technology' held on 16.10.2020. via Microsoft Teams for II, III and IV Year students of the Department Ms.Monica Keen, Co.Founder & Chief Research Officer at Charachorder LLC, Data scientist at Samsung Electronics, America and 2016 passed out Alumnu delivered the talk on ideas to build a positive career in Technology .



International Webinar on 'Building Your Career In Technology'

A six day Online Faculty Development Programme was conducted on 'Design and Analysis of Algorithms, Compiler Design, Artificial Intelligence and its Applications' from 09.12.2020 to 15.12.2020. The FDP was inaugurated by Dr.Rajeswari Mukesh, Chairman of CSI Kancheepuram Chapter.



Online FDP on 'Design and Analysis of Algorithms, Compiler Design, Artificial Intelligence and its Applications'

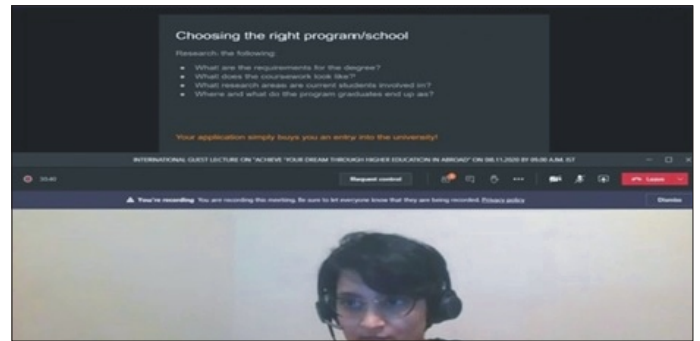
A Staff Development Training Programme was conducted on 'Basics of Networks, Programming and Web Designing' for the Technical Staff on 14.12.2020.



SDTP on 'Basics of Networks, Programming and Web Designing'

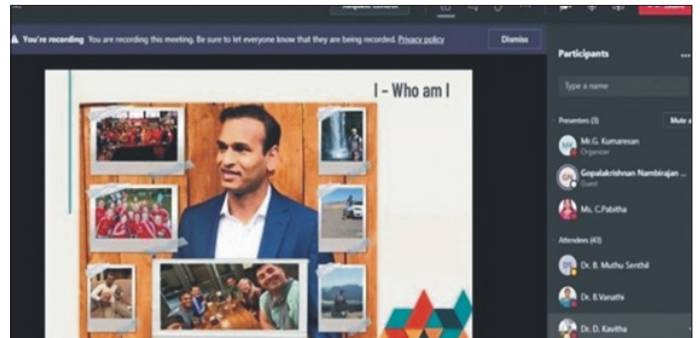
An International Alumni Guest Lecture on the topic 'Achieve Your Dream through Higher Education in Abroad' was held on 08.11.2020 via Microsoft Teams for II, III and IV Year students of the Department. Ms.Ayshwarya Saktheeswaran, User Experience Researcher at MathWorks,

Georgia Tech, United States and 2012 passed out Alumnu delivered a talk on the key points while choosing higher education.



International Alumni Guest Lecture on 'Achieve Your Dream through Higher Education in Abroad'

A International Seminar on the topic 'Data Pipeline For Reporting' was held on 29.10.2020, via Microsoft Teams for II, III and IV Year students of the Department. Mr.N.Gopalakrishnan, Data Engineer at NIKE, Beaverton, Oregon, United States and 2010 passed out Alumnu delivered the talk on data processing and Customer Services Dataflow at NIKE.

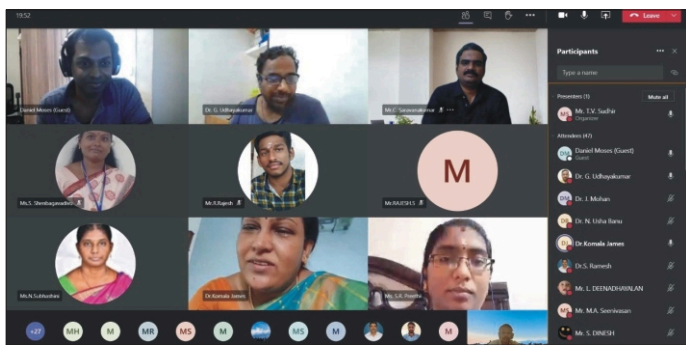


International Seminar on 'Data Pipeline For Reporting'

Department of Electronics & Communication Engineering

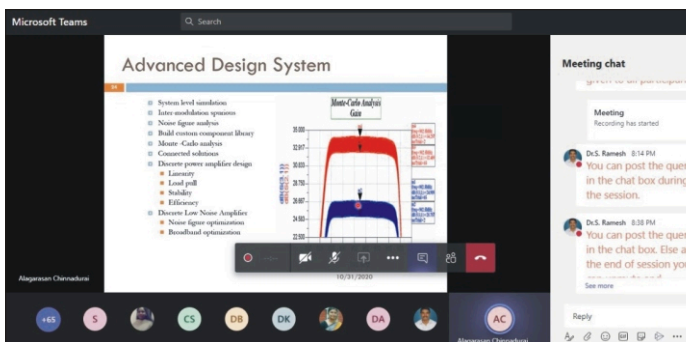
As part of Student Affair cell, a webinar on 'Opportunities in Higher Education Abroad' was conducted to the students in online mode for providing career guidance and opportunities in higher education in abroad universities in association with 'Education Matters' on 01.10.2020. The resource persons Mr. Sabarinath Vijayakumar, Regional Manager, Asia Pacific Recruitment briefed about the impact of Covid 19 in higher education in Universities abroad and Ms. Reshmy Vijay, Director, Education Matters would offered guidance about the eligibility requirements and scholarship details for the higher studies abroad. The programme was organized successfully by Dr. N. Usha Bhanu, Prof and Mr.R.Nagaraj, AP.

The Dept of ECE conducted an Expert Lecture on 'Cloud Computing with Kubernetes' in association with ISTE & IETE Students forum on 03.10.2020 on Microsoft Teams. Mr.T.V.Sudhir, Assistant Professor/ECE delivered the welcome address and introduced the chief Guest Mr.Daniel Moses Billy Graham, Senior Site Reliability Engineer, Rakuten Viki, Singapore to the audience .The Chief Guest delivered a lecture on 'Basics of Cloud Computing' in Microsoft Teams meeting.



Expert Lecture on 'Cloud Computing with Kubernetes'

The Dept of ECE conducted an International webinar on 'RF and Future Wireless Communication' on 31.10.2020 via online mode (Microsoft Teams) in association with ISTE Chapters & IETE students' forum. The welcome address was given by Dr. S. Ramesh, Associate Professor - ECE. The speaker Mr. Alagarasan Chinnadurai, Manager (Staff RF Engineering) at Qualcomm, California, USA delivered a speech on RF & microwave, RF & analog design, Wired Vs Wireless, Simulation tools, Wireless for military applications.



International Webinar on 'RF and Future Wireless Communication'

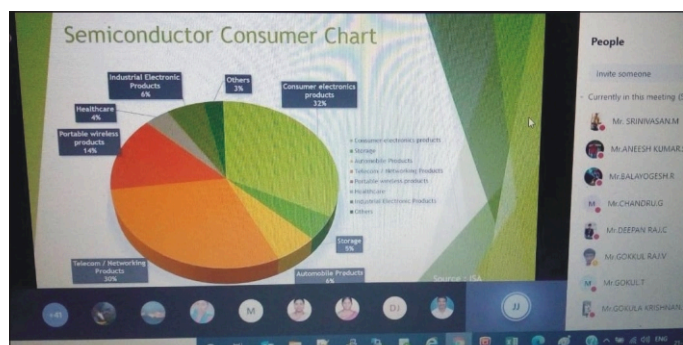
Dept of ECE conducted an AICTE Sponsored six day Short Term Training Programme on 'A Hands on Approach for Design and Implementation of Digital Circuits using Open Source Computer Aided Design (CAD) Tools I' on Microsoft Teams Platform between 19.10.2020 and 24.10.2020 under the coordination of Dr. N. UshaBhanu, Prof and Mr. C. Saravanakumar, AP. The speakers from reputed Public and Private sector organizations delivered speeches on recent open source CAD Tools.

Dept of ECE conducted an AICTE Sponsored six day Short Term Training Programme under AQIS scheme on 'A Hands on Approach for Design and Implementation of Digital Circuits using Open Source Computer Aided Design (CAD) Tools II' in online mode via Microsoft Teams Platform from 02.11.2020 to 07.11.2020 under the coordination of Dr. N. UshaBhanu, Prof and Mr.C.Saravanakumar, AP. The delegates came from reputed public and private sector organizations to deliver speeches on recent open source CAD Tools .

Dept of ECE conducted an AICTE Sponsored Six Day Short Term Training Programme under AQIS scheme on the title 'A Hands on Approach for Design and Implementation of Digital Circuits using Open Source Computer Aided Design (CAD) Tools III' in online mode via Microsoft Teams Platform from 23.11.2020 to 28.11.2020 under the

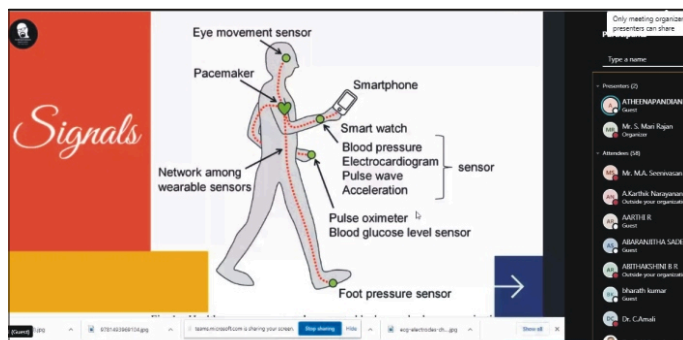
coordination of Dr. N. UshaBhanu, Prof and Mr.C.Saravanakumar, AP.

A Webinar on 'A Brief Introduction to VLSI World' was conducted in online mode by the Dept of ECE in association with ISTE & IETE Students forum on 21.10.2020 via Microsoft Teams Channel. Mrs. K. Sobana, AP/ECE delivered the welcome address and introduced the chief Guest Mr.Joshua Amala Ruban, Senior Engineer, Mediatek, Bengaluru to the audience. The Chief Guest delivered a lecture on 'Semiconductor Design Industry in India' and gave a live demonstration using Consumer Chart & Design Methodology during the presentation.



Webinar on 'A Brief Introduction to VLSI World'

The Dept of ECE conducted a webinar on 'Bio Sensors and its Applications' to the students in online mode via Microsoft Teams for providing awareness on Medical Electronics in association with IIC, IETE & ISTE students' forum on 19.11.2020. The resource person Mr. Atheena Milagi Pandian.S, Founder and Managing Director, Atheenapandian Pvt.Ltd, Chennai delivered the lecture on Bio signals such as EEG, ECG, EMG etc. and Human body and sensor correlation & its medical applications in real time to the participants and the programme was coordinated by Mr. S. Mari Rajan, AP and Mr. M.A. Seenivasan, AP.



Webinar on 'Bio Sensors and its Applications'

Department of ECE conducted an Essay Competition for the students on the occasion of 'The Engineers Day' to create an awareness on the Institution of Engineers India, Kalpakkam Local Center (IEI - KLC) under the coordination of Dr. Komala James Prof & Head/ECE on 27.10.2020 organised by IEI, Kalpakkam Local Center.

The Dept of ECE conducted a one-day Skill Development Programme (SDP) for Non-teaching staff members on 22.12.2020. Mr.A.Anbarasan/AP, Dept of ECE, SRMVEC delivered the topic on 'Electronics System Designing using CAD-eSim'. 16 Staff members from various departments

attended the Skill Development Programme and learnt CAD-eSim software. The programme was coordinated by Dr.J.Mohan, Asso Professor/ECE.



SDP on 'Electronics System Designing using CAD-eSim'.

Dr.M.Murugan attended the AICTE-ATAL sponsored Online Faculty Development Program on Recent Trends in Internet of Things conducted by D.Y.Patil Deemed To be University, Mumbai, Maharashtra during 24th to 28th August 2020.

Dr.M.Murugan attended the AICTE-ATAL sponsored Online Faculty Development Program on Internet of Things conducted by Government Engineering College, Rajkot, Gujarat during 2nd to 6th November 2020.

Dr.M.Murugan attended the AICTE-NCCIP Organized Online Workshop on Universal Human Value during 14th - 18th December, 2020.

Mr. V. Suresh Kumar, AP defended his thesis during Public Viva-Voce on 'Power Aware DFT Techniques for Scan based VLSI Circuits' on 22.10.2020 at PSG Institute of Technology and Applied Research, Neelambur, Coimbatore.

Dr. S. Ramesh/Asso Prof attended webinars in the following titles 'Opto-RF integration for 5G Optical antennas, Future flexible electronics antennas, A brief introduction to VLSI world, EBG structures & their applications for antenna design, Design & research challenges of satellite antennas, RF and Future Wireless Communication, Cloud Computing using Kubernetes in October 2020.

Dr. S. Ramesh/Asso Prof attended online faculty development programmes on 'Recent advancements in semiconductor technologies' and RF devices for 5 G Communications Measuring Instruments organized by SRM IST, Chennai and Entuple Technologies, Bangalore respectively during 09.10.20 to 16.10.2020 and an STTP programme on 'mmW antenna design & testing for bio-medical applications' organized by Rajalakshmi institute of technology, Chennai during 19.10.20 - 24.10.20.

Dr. Komala James/Prof & Head participated in a Tamil Workshop on 'Opportunities and Needs via Internet Education' on 23.11.2020 organized by Parivendhar Tamil Mantram, SRM Valliammai Engineering College, Kattankulathur.

The Institution of Engineers India, Kalpakkam Local Center (IEI - KLC) executive Committee members honoured the Principal Dr. B. Chidambararajan, Prof and the event Coordinator Dr. Komala James, Prof with mementos for the successful conduct of the Essay

Competition for the students on the occasion of 'The Engineers Day' celebration in December 2020.

The best project titled 'Meticulous Segregation of Dry and Wet Wastes from the Garbage using Robotic Arm' has been selected out of three shortlisted projects based on presentation, individual and team contribution, ability to respond to the queries and innovation during the Project expo held on 13th March 2020. The Project Expo 2020 winners Mr. K. Jeyasakthi, Ms. S. Nivethitha, Ms. M. Priya, Mr. V. Vijay final year students under the supervision of Mr. M. A. Seenivasan, AP were appreciated by Dr. Komala James Prof & Head with certificates and amazon cash voucher on 02.12.2020.

Dr. N. Usha Bhanu, Prof has written a book chapter on 'Building Cyber Physical Systems - Design Challenges, Techniques in the book published on the title 'Smart Cyber Physical Systems Advances, Challenges and Opportunities' on 03.12.2020 at CRC Press, First Edition 2021, Taylor & Francis Group, LLC and edited by G. R. Karpagam, B.Vinoth kumar, J. Uma Maheswari and Xiao-Zhi Gao.

National Service Scheme

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 11.11.2020, 12.11.2020, 13.11.2020 & 16.11.2020 (4 days). The orientation programme commenced with the NSS Programme Officer, 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, and also about the 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 program. Some existing NSS volunteers shared their experiences with the new enrolled students. A Motivational talk was given by Dr.R.Saravanan, HoD, History Dept., Pachaiyappa's College, Chennai to encourage social work.

NSS unit of SRM Valliammai Engineering College organized 'FIT INDIA CYCLOTHON' programme in association with NSO, NCC & YRC. This was perhaps the first such offline event held inviting people for group cycling after coronavirus outbreak. This event was organised with the aim of getting people involved in outdoor activities and to encourage a cycling culture. All the interested participants were requested to come with their own cycle to participate in this event at College Entrance on 20.12.2020. The 5-kilometer Cyclothon started from college and reached the starting point passing through SRM Arts College, IT park, Dental college and Medical college. There is nothing better than cycling for fitness," Vice Principal, Dr. M. Murugan said while flagging off the event. "The motive of the event was to attract the youth towards fitness amid Covid-19 pandemic," he said. 103 participants participated in this event out of which 43 participants were through offline mode, while the remaining participated through online mode i.e, through a GPRS mobile application.

Dr. G. Udhayakumar, Assoc Prof delivered a lecture in a session in the AICTE sponsored six days Online Short Term Training Programme (STTP) on 'A Hands - on Approach for Design & Implementation of Digital Circuits using Open Source Computer Aided Design (CAD) Tools II' from 02.11.2020 to 07.11.2020.

Dr. G. Udhayakumar, Assoc Prof participated and completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on 'Internet of Things (IoT)' from 07.12.2020 to 11.12.2020 at Government College Of Technology.

Dr. Komala James / Prof & Head participated in a webinar on 'A Perspective on 5G Communication' organized by IETE Chennai Centre and SRM Institute of Science and Technology, Vadapalani on 12.11.2020.

Mrs. S. Surabhi/AP participated in a Two day online workshop on 'How to develop Android applications' from 19.11.2020 to 21.11.2020 organized by National Small

Industries Corporation Limited Technical Services Centre, Ekkaduthangal, Chennai.

Mrs. K. Sobana/AP participated in a two day online workshop on 'How to develop projects using Raspberry pi' from 26.11.2020 to 27.11.2020 organized by National Small Industries Corporation Limited Technical Services Centre, Ekkaduthangal, Chennai.

Dr.Komala James/Prof & Head, Mr. M. Selvaraj/AP, Mr.M. A. Seenivasan and Mrs. S. Abirami/AP attended an AICTE sponsored 5 day online workshop on 'Universal Human Values' from 14.12.2020 to 18.12.2020.

As a mark of recognition, Dr. N. Subhashini/AP, faculty mentor of India Innovation Challenge Design Contest (IICDC) was appreciated for contributing TI MSP 430 Lunch box board (5Nos) to the department by the Texas Instruments in coordination with DST and AICTE.

Dr. Komala James/Prof & Head participated in a webinar on 'Application of Artificial Intelligence in Ocean

Computer Society of India



National Level Webinar on Digital Marketing (Career Opportunities)

The SRM Valliammai Engineering College Computer Society of India Student Branch organized a National Level Webinar on Digital Marketing (Career Opportunities) on 14th October, 2020. More than 250 candidates have registered and got benefitted. The resource person was Dr.B.Chidhambarajan, a passionate teacher has always invested innovative teaching nuances to reach students, Chairperson Division IV, Computer Society of India and Principal, SRM Valliammai Engineering College.

The SRM Valliammai Engineering College Computer Society of India Student Branch organized a National Level Webinar on 'Sustaining Growth in the Changing Technological World' on 18th October, 2020. More than 100



National Level Webinar on 'Sustaining Growth in the Changing Technological World'

students registered and got benefitted. The resource person was Mr. Siva Nagarajan, Associate Manager, Accenture Solution Pvt. Ltd.

The SRM Valliammai Engineering College Computer Society of India Student Branch organized a competition 'Shutters Stock'. There were more than 20 students who participated and the registration was open till 20th October, 2020. The creativity and innovative ideas of the students were showcased in this competition. Mr.K.Elaiyaraja AP, Department of IT and Mrs.R.Saranya, AP, Department of IT, evaluated the talents based on Creativity, Relatedness to the topic, Uniqueness and Originality. The top 3 creative images were merited and posted in SRMVEC CSISB instagram page. The first place was won by P.Jagdishwar captioned 'Just Forget About the Surroundings'. The second and third places were won by Lakshmi Praba captioned 'Pandal for Corona Victims' and Sowthiraja captioned 'Patterns are Everywhere' respectively.



Competition on 'Shutters Stock'

The SRM Valliammai Engineering College Computer Society of India Student Branch organized a competition 'Auricle'. More than 180 Students registered. The registration was open till 25th November 2020. The round 1 event held on 27th November 2020. The round 2 participants were around 10 and the event was held on 29th November 2020. In the first round the participants were evaluated based on their MCQ score. In round 2, Mrs.S.Shenbagavadivu, AP(Sr.G),Department of IT, evaluated the talent based on time consumption, knowledge on the topic, clarity and fluency. The first place was won by Aravind Prabakaran and the second and third place were won by to Rishikesh V and Jayaraj CN respectively.

Exploration' organized by IETE Chennai Centre, in association with Dept of ECE, Rajalakshmi Engineering College on 21.12.2020.

Dr. V. Suresh Kumar/AP attended webinars on the titles 'Recent Advancement in VLSI PYNQ Architecture in Xilinx' and 'Security issues in IC Design Flow' on 13.11.2020 and 18.11.2020 respectively, also attended a 6 day FDP on 'Insight of Analog and Digital IC Design: Industry and Research Perspective' from 14.12.2020 to 19.12.2020 and AICTE Training and Learning (ATAL) Academy Online FDPs on 'Electric Vehicles' and 'Internet of Things (IoT)' in Dec. 2020.

Dr. S. Ramesh/Asso Prof published a paper on the 'Performance enhancement of generalized frequency division multiplexing with RF impairments compensation for efficient 5G wireless access' in the international journal of Elsevier-Int. J. Electron. Commun. (AEÜ); SCI Indexed; Impact Factor: 2.924 on 06.10.2020.

Mr. M. A. Seenivasan/AP presented a Tech talk on 'Future Scaling in Semiconductor Devices' on 16.12.2020. He pointed out that a new device called as Complimentary FETs (CFET) is an emerging option to continue logic scaling into the next decade especially for CMOS scaling beyond N3 (3nm technology), it has been introduced by Inter University Microelectronics Centre (IMEC), Leuven, Belgium.

Ms. M. S. Monishree, Second year ECE Student and Ms. P. S. Athira Fourth year ECE student won the first and third prizes respectively in the Essay Competition conducted by the Institution of Engineers India, Kalpakkam Local Center (IEI - KLC) under the coordination of Dr. Komala James Prof & Head/ECE on 27.10.2020 organised by IEI, Kalpakkam Local Center.

Accenture software solutions conducted a campus recruitment for the eligible final year students on 30.10.2020. Totally 15 students were selected from ECE Dept as trainees.

Sutherland conducted a campus recruitment drive for the final year students on 04.12.2020. Totally 32 ECE students have been selected in the drive with a good salary package.

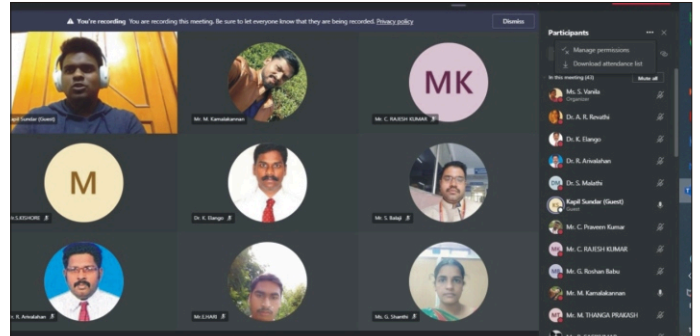
Tata Consultancy Services (TCS) conducted a campus recruitment drive for the eligible final year students from 24.10.2020 and 26.10.2020. Eventually 16 students got placed from ECE during the campus drive.

Wipro software solutions recruited 20 students as software trainee engineers from ECE Dept during their campus drive on 10.11.2020.

Mindtree software solutions conducted campus recruitment for the students on 28.11.2020 and 9 students got placed from ECE Dept.

Department of Electrical & Electronics Engineering

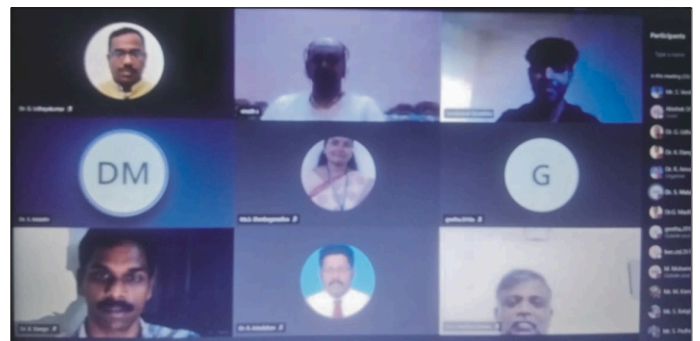
An International Guest Lecture was conducted on the topic 'Cyber Security an Overview' on 3rd October 2020 through MS Teams (Online mode). The session was handled by the resource person Mr. Kapilsundar Rajamani, Graduate (CS) NZ level 7, University of Waikato, Hamilton, New ZEALAND, who is the alumnus of our college.



International Guest Lecture on 'Cyber Security an Overview'

An Industrial visit to Arunika Green Energy Private Limited, Chennai was organized on online mode for third year EEE students through online mode.

An International Guest Lecture was conducted on the topic 'Artificial Intelligence in Electrical Engineering' on 11th October 2020 through MS Teams (Online mode). The session was handled by the resource person Mr.S.Sundara Vel, B.E., Data Scientist, Kaisens Data, France, who is the alumnus of our college.



International Guest Lecture on 'Artificial Intelligence in Electrical Engineering'

An International Guest Lecture was conducted on the topic 'Electrical Safety in Substation and Power Transmission, Energy and Solar Projects in Middle East' on 16th October 2020 through MS Teams. The session was



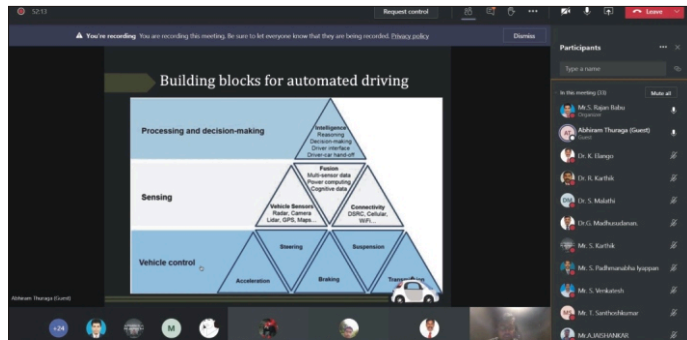
International Guest Lecture on 'Electrical Safety in Substation and Power Transmission, Energy and Solar Projects in Middle East'

EDITORIAL

The Chief Editor : **Dr. B. Chidhambara Rajan**, Principal, VEC
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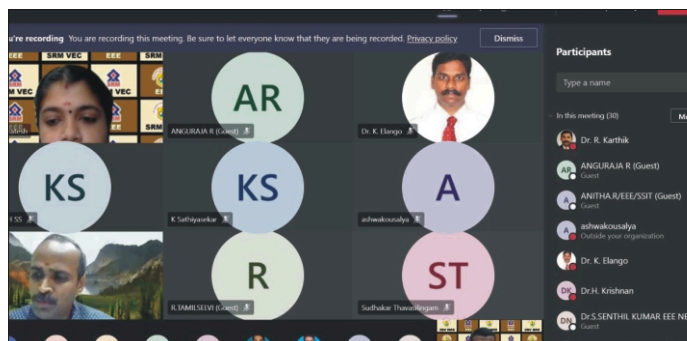
handled by the resource person Mr.Mohammed Tariq (Alumni), Senior HSE Advisor, Tractebel Engineering S.A (Dubai branch).

An International Guest Lecture was organised on the topic 'Technology Trends in Autonomous Cars' on 23rd October 2020 through MS Teams. The session was handled by the resource person Mr. Abhiram Thuraga, B.E., M.E., (MBA) (Alumni), System and Software Lead, Volvo Cars, Gothenburg, Sweden.



International Guest Lecture on 'Technology Trends in Autonomous Cars'

An AICTE-ISTE sponsored Induction/Refresher Programme was conducted on 'Recent Advancements in High Voltage Engineering' in online mode from 02.11.2020 to 07.11.2020.



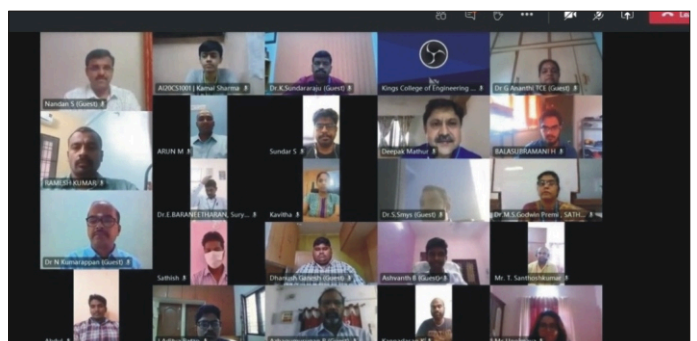
Induction/Refresher Programme on 'Recent Advancements in High Voltage Engineering'

The sessions were handled by following resource persons:

1. Dr.M.Raju, Senior Engineering Manager, L&T Power Transmission & Distribution.

2. Dr.R.V.Maheswari, Professor-EEE, National Engineering College, Kovilpatti
3. Dr.A.Rathinam, Professor-EEE, SRMIST
4. Dr.S.Sudalai shunmugam, Associate Professor-EEE, BNM Institute of Technology, Bengaluru
5. Mr.Prakash Mahendran, HVS R&D (CHT), GE, Chennai
6. Dr.S.Venkatesh, Associate Professor-EEE, VIT Vellore
7. Dr.M.Srinivasan, Assistant Professor-EEE, Kongu Engineering College
8. Dr. S. Albert Alexander, Associate Professor-EEE, Kongu Engineering College
9. Dr.K.Sathishkumar, Associate Professor-EEE, VIT Vellore
10. Ms.L.Jaya Coppisetty, Psychologist & Life coach Hyderabad.
11. Dr.K.Krishna Moorthi Associate Professor-EEE Sona College of Technology.
12. Dr.S.Arivalahan, Associate Professor, Dr.S.Malathi, Ms. S.Vanila, Mr.S.Padmanabha Iyappan Mr.S.Balaji,, Mr.T.Santhoshkumar, Mr.M.Kamalakkannan, Assistant Professor,EEE, SRM VEC
13. Dr. M.Anbuezhayan, Associate Professor-Physics, SRM VEC.

The Department of EEE and IEEE SRM Valliammai Student Branch hosted the 'IEEE Madras Section Student



'IEEE Madras Section Student Branch Officers Meet (SBOM) -2020'

VECTORIANS Fine Arts Club



VECTORIANS Fine Arts Club conducted an Induction Programme for the 1st year students from 17.11.2020 to 20.11.2020. Due to the pandemic situation, the events were conducted on the online mode using Microsoft Teams. A five day programme for 5 different groups of students was conducted in which senior students were also participated and motivated the junior students by displaying their talents. The successful conduct of such a programme laid a platform to identify the inbuilt talents of the freshers. ■

Branch Officers Meet (SBOM) -2020' on 7th November 2020 through Microsoft Teams [online mode] for all the IEEE members (Ex-comm members, senior professional members, branch counsellors, student members and other participants). The resource persons were

1. Dr.N. Kumarappan- Chair & Chair SAC, IEEE Madras Section
2. Mr. S.Nandan- Chair SAC, IEEE Kerala Section
3. Mr. B. Ashvanth- Treasurer, IEEE Madras Young Professionals
4. Mr. M. I. Abdul Halik- Executive Committee Member, IEEE Madras Young Professionals

A one day Staff Development Programme was conducted on the topic 'Energy Efficient Lighting Systems' on 27th November 2020. The session was handled by Ms.A.Dhivya, A.P, EEE.



SDP 'Energy Efficient Lighting Systems'

A Faculty Development Programme was conducted for the subjects Modern Power Converters, High Voltage Direct Current Transmission and Electrical Machines-II from 23rd to 28th Nov 2020. The sessions were handled by external and internal faculties.



FDP Modern Power Converters, High Voltage Direct Current Transmission and Electrical Machines-II

Department of Placement & Career Guidance

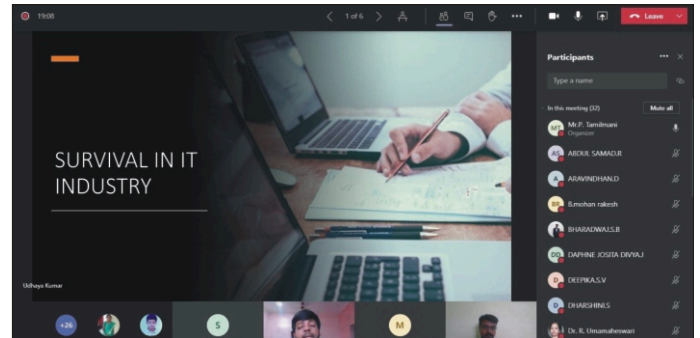
The following recruiting companies visited and selected students from our college during the period from October to December 2020.

Accenture, Cognizant, TCS - NQT, Wipro, Josh Technology Group, Lendingkart, Mindtree, Sutherland Global Services Ltd, Quercomm, SKILL-LYNC, MSys Technologies Pvt Ltd. & NTT DATA. Totally 432 students have been selected.

Department of Electronics & Instrumentation Engineering

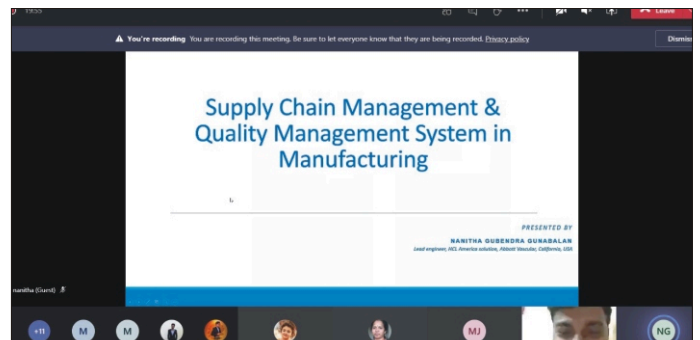
The Dept. in association with the ISA VMEC Student Charter and ISTE organized following programmes as follows.

A Guest Lecture on 'Survival in Software Market during Pandemic Situation' was delivered by Mr. Udhayakumar.S (2013-2017 Batch) SRM VEC, Alumnus, Team Lead, Aspire Digital, Dubai, UAE, on 3rd October 2020.



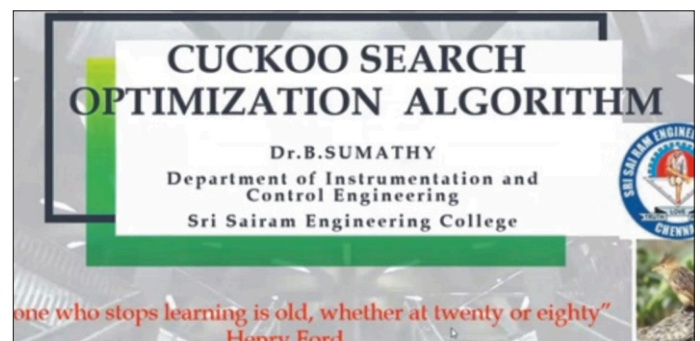
Guest Lecture on 'Survival in Software Market during Pandemic Situation'

A Guest Lecture on 'Supply Chain Management and Quality Management System in Manufacturing' was delivered by Ms. Nanitha Gubendra Gunabalan, Lead Engineer- HCL America Solutions, Abbott Vascular, California, USA on 6th October 2020.



Guest Lecture on 'Supply Chain Management and Quality Management System in Manufacturing'

An STTP was organized on 'Modern Optimization Tools in Engineering Field-I' by experts from various college from 05.10.2020 to 10.10.2020 for the benefit faculty, students and research scholars.



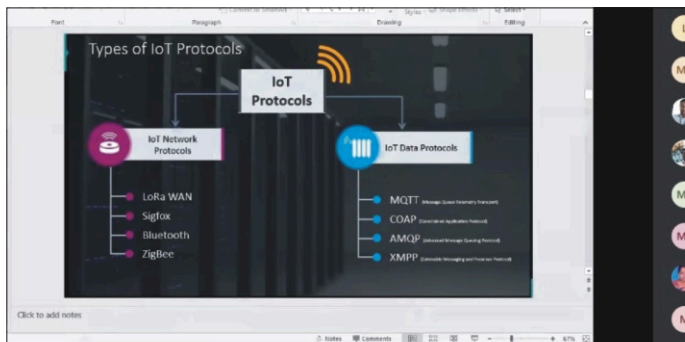
STTP on 'Modern Optimization Tools in Engineering Field-I'

A Guest Lecture on 'Building Your Brand' was delivered by Mr. Murugappan Valliyappan (2007 BATCH), SRM VEC Alumnus, Technical Program Manager, Data Insights, Los Angeles, USA on 17th October 2020.



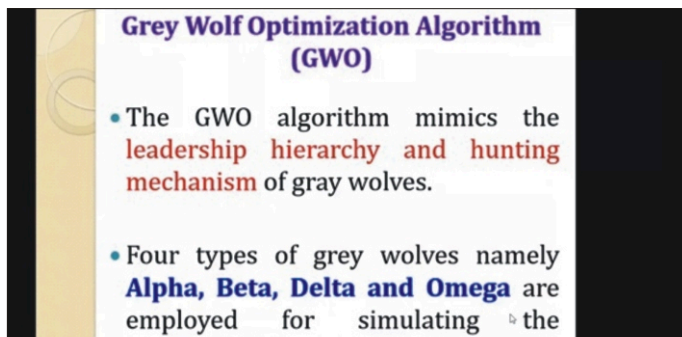
Guest Lecture on 'Building Your Brand'

A Guest Lecture on 'Internet of Things and its applications' was delivered by Mr. Aravind Panneerselvam (2010-2013), SRM VEC Alumnus, Solution Architect, Talisen International LLC, UAE on 24th October 2020.



Guest Lecture on 'Internet of Things and its applications'

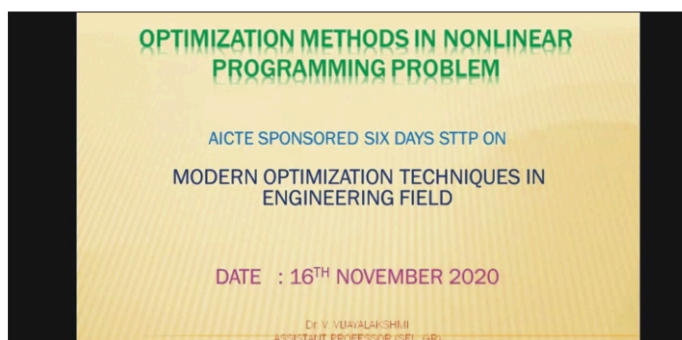
An STTP was conducted on 'Modern Optimization Tools in Engineering Field-II' by experts from various colleges from 19.10.2020 to 24.10.2020.



STTP on 'Modern Optimization Tools in Engineering Field-II'

An STTP was conducted on 'Modern Optimization Tools in Engineering Field-III' by experts from various college from 02.11.2020 to 07.11.2020.

An STTP was conducted on 'Modern Optimization Tools in Engineering Field-IV' by experts from various college from 16.11.2020 to 21.11.2020.



STTP on 'Modern Optimization Tools in Engineering Field-IV'

An SDP on 'Non-conventional Energy Sources and Energy Conservation' was conducted where Mr.P.Tamilmani, A.P (Sel.G), SRMVEC was the resource person on 3rd December 2020.



SDP on 'Non-conventional Energy Sources and Energy Conservation'

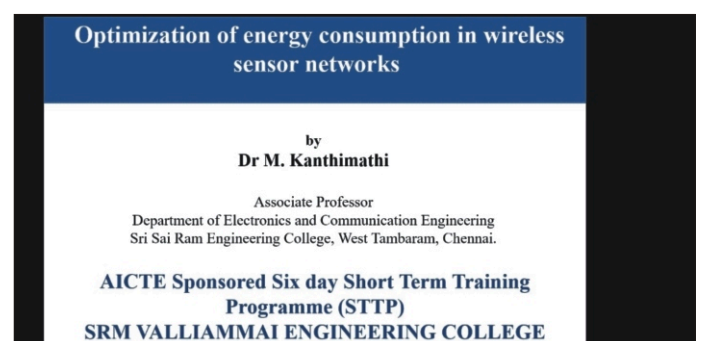
Guest Lectures on 'Digital Logic Circuits, Computer Control of Processes and Biomedical Instrumentation' was organised which were delivered by various experts from 31.11.2020 to 05.12.2020 for the benefit of faculty members.



Guest Lecture on 'Digital Logic Circuits, Computer Control of Processes and Biomedical Instrumentation'

An STTP was organised on 'Modern Optimization Tools in Engineering Field-V' by experts from various college from 07.12.2020 to 12.12.2020.

An FDP was organised on 'Digital Logic Circuits, Computer Control of Processes and Biomedical Instrumentation' delivered by various experts from 31.11.2020 to 05.12.2020 for the benefit of faculty members.

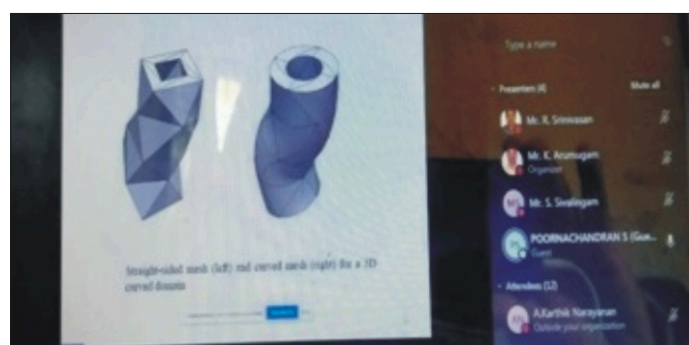


STTP on 'Modern Optimization Tools in Engineering Field-V'



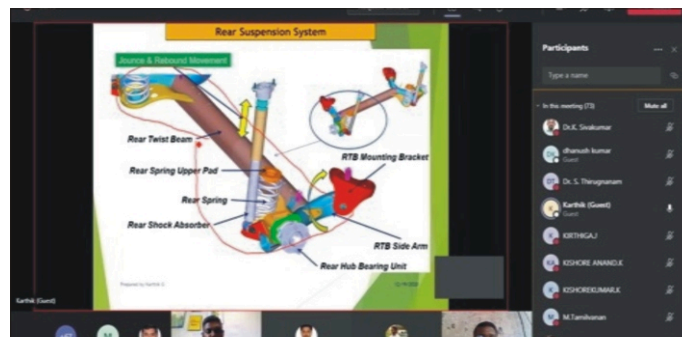
An online Faculty Development Programme on 'Concepts of Applied Thermodynamics, Finite Element Analysis and Professional Ethics' conducted from 7.12.2020 to 12.12.2020. The External experts, Dr.E.Ganapathy Sundaram, Associate Professor & HoD, Mechanical Engineering, Velammal Engineering, College, Chennai.

Dr.A.R.Pradeepkumar, Professor & Head / Mechanical, Dhanalakshmi Engineering College, Chennai. Dr.R.Muruganandhan, Associate Professor and NSS Programme Officer, AUFRG Institute for CAD/CAM, Mechanical Engineering, College of Engineering Guindy, Anna University, Chennai. Dr.S.Suresh Kumar, Associate Professor/ Mechanical SSN College of Engineering, Chennai Mr.K.Malar Mohan, Assistant Professor ,AUFRG-ICC, Mechanical Engineering, College of Engineering Guindy,Anna University, Mr.G.Ananth, Mr.R.Ashok, Mr.R.Ramkumar and Mr.S.Pradeep/Asst. Professor/ Mechanical, SRM Valliammai Engineering College, Chennai covered the following topics: human values, engineering ethics, engineering as social experimentation, safety, responsibilities and rights, Internal combustion engines and combustion, performance and systems, reciprocating air compressor and gas turbines, Two Dimensional vector variable problems temperature effects on 2D problems isoperimetric formulation numerical integration and application.



FDP on 'Concepts of Applied Thermodynamics, Finite Element Analysis and Professional Ethics'

An online Guest Lecture on “Automotive Chassis Systems and Vehicle Attributes” was conducted on 19.12.2020. The resource person Mr.G.Karthik, Suspension Systems Module Leader, VinFast LLC, Hanoi, Vietnam, delivered the expert lecture on the respective topics: chassis commodity, Suspension system, Industrial Automation, Steering system, Braking System, Wheel, tool kit and its nomenclature, Growth Of Automations, Latest advancement in automation, Future technology on track.



Guest Lecture on 'Automotive Chassis Systems and Vehicle Attributes'

An on line “Technical Talk” was conducted by Faculty Members pursuing Ph.D. from 14.12.20 to 04.01.21. The session details are given below:

- Mr.S.Sivalingam AP(Sr.G) delivered a Technical Talk on 'Formability studies of nano composites' on 15.12.20.
- Mr.K.Arumugam AP(Sr.G) delivered a Technical Talk on Machinability studies of super alloys by ECM on 16.12.20.
- Mr.K.Venkatesan AP(Sr.G) delivered a Technical Talk on Investigation of mechanical and thermal properties of sisal-abaca natural fiber reinforced epoxy composites on 17.12.20.

Physical Education



Department of Physical Education organized the Fit India Prabhatperi December 2020 event on 4th Dec. 2020.

Mr.S.Prabhakaran, II-MBA, won 1st Place with Cash Prize Rs.5001, in Chengam, Thiruvannamalai District Level Basketball Men Tournament on 25th October 2020.

Mr.S.Prabhakaran, II-MBA, won 2nd Place with Cash Prize Rs.10001, in Chengam, State Level Basketball Men Tournament on 12th November 2020.

Mr.S.Prabhakaran, II-MBA, won 1st Place with Cash Prize Rs.5001, in Cheyyar, Thiruvannamalai District Level Basketball Men Tournament on 22nd November 2020.

Dr.N.Ganapathy, Director of Physical Education, SRM VEC, represented as a Player in the GKBBC Ball Badminton Club and won the First Place in Chengalpet District Level Ball Badminton Men Tournament on 19th

December 2020.

Mr.K.Srinadh, I-EEE won the 2nd Place with Rs.6000 Cash Prize in Vishakapatnam District Level Badminton Tournament on 20th December 2020.

Department of Physical Education organized the Fit India Cyclothon December 2020 event from 20th to 27th December 2020. The event was flagged off by the Vice-Principal, Dr.M.Murugan.

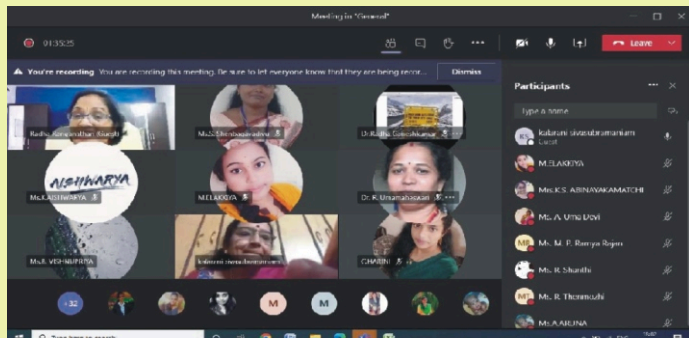
Mr.K.Srinadh, I-EE won the 1st Place with Rs.10,000 Cash Prize in Vishakapatnam District Level Badminton Tournament from 27th December 2020.

Mr.BV.Asswanth, I-EIE, won the 1st Place in Thiruvallur District Badminton Men Singles Championship 2020 and the Semifinalist in Badminton Mixed Doubles event on 27th December 2020, was also selected to State Championship Badminton Tournament.



STUDENT AFFAIRS CELL

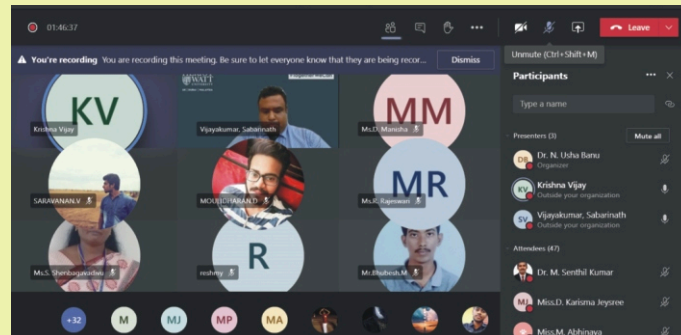
Red Ribbon Club, Youth Red Cross & Student Affairs Cell of SRMVEC has conducted an Awareness Webinar on Menstrual Hygiene for the benefit of girl students and women faculty of SRM VEC on 02.10.20 between 5 P.M to 6 P.M via online platform MS- Teams. Ms.Radha Ranganathan, Past District Chairman, Inner Wheel District 323, Chennai South presented about Menstrual Hygiene and Eco friendly practices for maintaining the well being of all women and society.



The YRC student Coordinator Ms.Vishnupriya of third year CSE department introduced the Chief Guest and vote of thanks for the webinar was proposed by Ms.G.Shenbagavadivu, AP, IT department. The Coordinators of Youth Red Cross, Mr.G.Anand & Mr.G.Vivekanandan/IT and Student Affairs Cell Dr.N.Usha Bhanu, Prof/ECE & Dr.M.Senthil Kumar Associate Prof/CSE with the support of other Staff of different departments organized the programme effectively. A total of 54 female faculty and

students of SRMVEC attended the webinar and were benefited.

The Student Affairs Cell of SRM Valliammai Engineering College organized a webinar on opportunities in higher education Abroad on 01.10.2020. 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. Mr. Sabarinath Vijayakumar, Regional Manager Asia Recruitment from Heriot- Watt University, UK spoke on the impact of Covid 19 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 of different departments organized the programme effectively. The students clarified their doubts regarding entry criteria, fee structure and Scholarship details from the resource persons. Totally, 71 students from different departments participated.

- Mr.R.Srinivasan AP(Sr.G) delivered a Technical Talk on Manufacturing process of FRP composites for various application on 22.12.20.
- Mr.K.Vijayendiran AP(Sr.G) delivered a Technical Talk on Biomass combustion and morphology analysis on 21.12.20.
- Mr.J.P.Ramesh AP(Sr.G) delivered a Technical Talk on Aerodynamic technologies to improve aircraft performance on 24.12.20.
- Mr.K.P.Manikandan AP(O.G) delivered a Technical Talk on Formability effects of process parameters on forming forces in SPIFP on 28.12.20.
- Mr.K.Velavan AP(O.G) delivered a Technical Talk on Hybrid composites with nano particles on 31.12.20.
- Mr.S.Suresh Pungaiyah AP(O.G) delivered a Technical Talk on Thermal spray coating technology to increase the heat transfer on 30.12.20.
- Mr.T.Muthu Krishnan AP(O.G) delivered a Technical Talk on Advanced welding process on 04.01.21.
- Mr.S.Sivasankar AP(O.G) delivered a Technical Talk on Gas turbine performance on 29.12.20.
- Mr.M. Vadivel AP(O.G) delivered a Technical Talk on Functionally graded materials on 14.12.20.
- Mr.S.Pradeep AP(O.G) delivered a Technical Talk on Studies on reactivity controlled compression ignition engine on 18.12.20.

All the resource persons provided valuable information about their research work and current trends in mechanical field research.

2nd International Conference
on
**Smart Automation in Computer, Electrical,
Electronics and Communication Engineering**

10th APRIL 2021

'ICSA 2021'

<https://srmvalliammai.ac.in/icsa2021.html>

Mr.K.Vijayendiran, Asst Prof (Sr.G) (IIC-Innovation Ambassador) delivered a lecture on "National Education Policy" (with focus Innovation and Entrepreneurship) on 30.12.2020 in Department of Management Studies.

Dr.K.Sivakumar, Associate Prof & HoD and Mr.S.Sivasankar, Asst Prof published paper "Effect of rib arrangement on the flow pattern and heat transfer in internally ribbed rectangular divergent channels" in Elsevier: Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.11.548>

Mr.G.Rajesh, Asst Prof completed NPTEL Online Certification course on Product Design and Development during the session Sep_Oct 2020.

Dr.K.Sivakumar, Associate Prof & HoD has been a reviewer and chair for the AICTE Sponsored 3rd Virtual International Conference on Materials, Manufacturing and Mechanical Engineering for Sustainable Development (ICMSD2020) on 20.11.2020.

The following staff completed ATAL FDP (Online Mode) in various topics: Mr.R.Ramkumar - 3, Mr.K.Arumugam - 2, Mr.P.Ramu - 1, Mrs.N.Nithya - 2, Mr. M. Vadivel - 2, Mr.S.Sivalingam - 2.

Department of Information Technology

An AICTE Sponsored six days Short Term Training Programme (STTP) on 'Internet Of Things and Its Applications- Phase-I' was conducted from 26.10.2020 to 31.10.20 for the Teaching Staff and Software Developers. The Resource Persons were Dr.M.Murugan, Vice Principal & Professor, SRMVEC, Dr. Ponsy R. K. Sathia Bhama, Associate Professor, MIT Campus, Anna University, Dr.Shriram K Vasudevan, Professor, Amrita University, Dr.P.Shyamala Bharathi Professor, Saveetha School of Engineering, Dr.V.Murali Bhaskaran, Academics Dean & Professor, Rajalakshmi Engineering College, Dr.V.Sivasubramanian Dean and Professor, VIT, Chennai, Ms. Sini Raj Pulari, A.P (Sr.G), Amrita University, Ms. Sini Raj Pulari, A.P (Sr.G), Amrita University, Ms. V. Subashri, Software Lead, CTS, Mr. Jagannatheeswaran Senthil Velan Lead-IoT & Robotics, Auxo Technology Labs, Mr.Jagannatheeswaran Senthil Velan Lead-IoT & Robotics, Auxo Technology Labs, and Dr.M.Sangeetha, Professor, VSB Engineering College, Karur. The coordinators were Dr.A.R.Revathi, Asso. Prof, Dept of IT and Mr.S.Sankaranarayanan , A.P., Dept of IT.



STTP on 'Internet Of Things and Its Applications- Phase-I'

An AICTE Sponsored six days Short Term Training Programme (STTP) on 'Internet Of Things and Its Applications- Phase-II' was conducted from 16.11.20 - 21.11.20 for the Teaching Staff and Software Developers and the Resource Persons were Dr. M. Balakarthekeyan, Assistant Professor, Rajalakshmi Engineering College, Chennai. Dr.T.Lalitha, Professor, Shri Sakthi Kailassh Institution, Tamil Nadu, Dr. Prabakar. D, Assistant Professor, SNS College of Technology, Coimbatore, Dr. Sunil Kumar Vuppala, Ph.D (IIT-Bangalore), Director-Data Science, Ericsson, Bangalore, Dr. Ashish Khanna,, Professor Maharaja Agrasen Institute of Technology, New Delhi, Dr. Raj Kamal, PhD (IIT-Delhi) Professor Emeritus, Prestige Institute of Engineering, MP, Mr. Sunil David Regional Director IOT India and SEAN AT&T Global Network Services India Pvt Ltd, Mr. Rishi Gargi Founder & CTO, Thingify. Mr. Gourav, Firmware Engineer, Eigen Technologies Pvt Ltd, Mr. Pijush Kanti Dutta Pramanik Assistant Professor- Research Scholar-NIT (Durgapore), Jain University , Bangalore, Mr. Vinay Solanki Head of Digital Solutions & General Manager, Napino Auto & Electronics Ltd, Haryana, and Mr. Ashish Chinthl, Dy General Manager,

Napino Digital Solutions, Haryana. The coordinators were Dr.A.R.Revathi, Asso. Prof, Dept of IT and Dr.S.Ravikumar , A.P., Dept of IT.

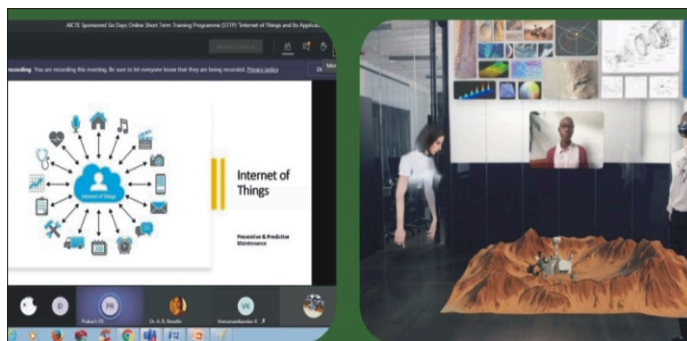


STTP on 'Internet Of Things and Its Applications- Phase-II'

An AICTE Sponsored six days Short Term Training Programme (STTP) on 'Internet Of Things and Its Applications- Phase-III' was conducted from 23.11.20 - 28.11.20 for the Teaching Staff and Software Developers and the Resource Persons were Dr. K. Kulothungan, Associate Professor, Information Science and Technology, Anna University, Chennai, Dr. V. P. Jeyachitra, Asst. Professor, Department of Computer Technology, MIT Campus, Anna University, Dr. A. Prasanth, Assistant Professor Electronics and Communication Engineering, PSNA College of Engineering and Technology, Dr. M. Arulaalan, Professor & Head Electronics And Communication Engineering, CK College Of Engineering And Technology, Cuddalore, Mr.K.Sathyanarayanan EdTech Professional-Chennai, Mr.Narendra Santhosh. N Team Lead AICL-Chennai, Dr. P Latha, Associate Professor Electronics and communication Engineering St. Joseph's College of Engineering, Chennai R. Naveen Kumar System Engineer, TCS, Chennai, Mr.Yuvaraj Premlal CEO - Mithran Education and Dr. M. Malleswaran, Associate Professor and Head Electronics and communication Engineering, Anna University, Kanchipuram. The coordinators were Dr.A.R.Revathi, Asso. Prof, Dept of IT and Dr.S.Narayanan , A.P., Dept of IT.

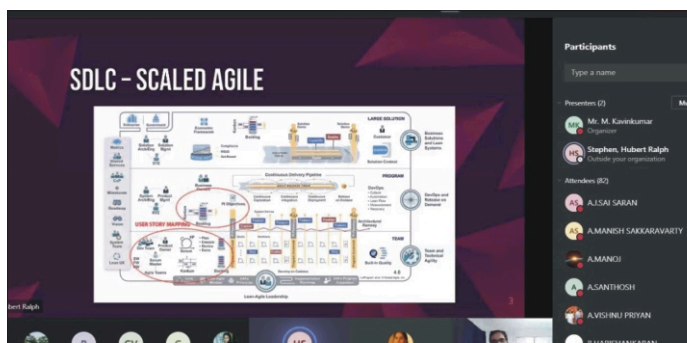
An AICTE Sponsored six days Short Term Training Programme (STTP) on 'Internet Of Things and Its Applications- Phase-IV' was conducted from 07.12.2020- 12.12.2020 for the Teaching Staff and Software Developers. The Resource Persons were Dr. Dhananjay Kumar, Professor & Head, Department of Information Technology, Anna University, MIT campus, Chennai, Mr.R.V Prakash, Founder, Simple Labs, Chennai, Dr. B. Amutha , Professor & Head, Department of Computer science and Engineering, SRM Institute of Science and Technology, Kattankulathur Campus. Mr.Balaji Palani, CEO FXGETACTIVE Pvt.,Ltd., Ashok Nagar, Chennai, Dr.K.Senthil Kumaran, Assistant Professor Faculty of Department of Mechanical Engineering IITDM, Chennai, Dr. G.Niranjana, Associate Professor Department of Computer Science and Engineering, SRM Institute of Science and Technology, Kattankulathur Campus, Dr.N.Arunachalam, Associate Professor, Department of Mechanical Engineering, IIT Madras, Dr.B.Karthikeyan, Associate Professor School of Electronics, VIT Vellore, Dr.M.Gunasekaran, Professor, Department of

CSE, Saveetha School of Engineering, Chennai, Ms.M.Shabana Parveen, Assistant Professor Department of Electronics and Communication Engineering, Sri Sairam Engineering College, Chennai, Mr.R.K.Tilak, Marketing Manager Honeywell Solutions Ltd. Bangalore, Dr.C.Yaashuwanth, Associate Professor, Department of Information Technology, Sri Venkateswara College of Engineering, Sriperumpudhur. Dr.S.DenisAshok, Professor, School of Mechanical engineering, VIT,Vellore, Dr.G.P.Sathish, Assistant Professor, School of Mechanical Engineering, VIT,Vellore and Dr.T.Arunkumar, Professor, School of Computer Science, VIT Vellore. The coordinators were Dr.A.R.Revathi, Asso. Prof, Dept of IT and Ms.R.Thenmozhi, A.P., Dept of IT.



STTP on 'Internet Of Things and Its Applications- Phase-IV'

A webinar on 'Designing Software Applications and Design Patterns' was organized on 18.10.2020 and the Resource Person was Mr. Hubert Ralph Stephen, Senior Software Developer, Freddie Mac, US (Alumni of Batch: 2011-2015). The coordinators were Mr.M.Kavinkumar, A.P and Mr.R.Sankaranarayanan, A.P.

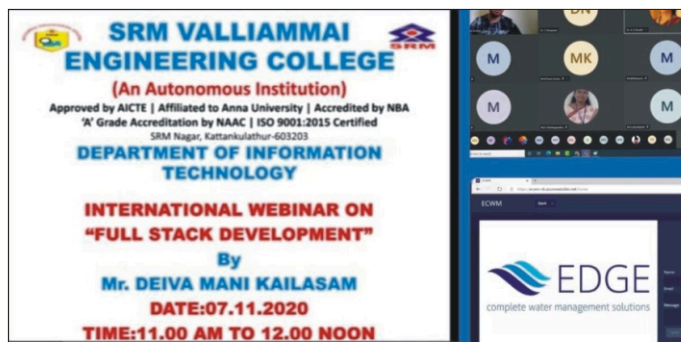


Webinar on 'Designing Software Applications and Design Patterns'

A webinar on 'Bigdata-Data Analysis' was organized on 10.10.2020 and the Resource Person was Ms.Kamala Venkat Rathnam, Senior Associate, CTS, Canada (Alumni of Batch: 2006-2010). The coordinators were Ms. R. Lakshmi, A.P and Mr.K.Elaiyaraja, A.P.

A webinar on 'Building Minimum Viable Product for Startups' was organized on 08.11.2020 and the Resource Person was Mr. Anand Sathyanarayanan, Project Lead, E*TRADE, USA (Alumni of Batch 2005-2009). The coordinators were Ms.R. Thenmozhi, A.P and Dr.S.Narayanan, A.P.

A webinar on 'Full Stack Development' was organized on 07.11.2020 and the Resource Person was Mr. Deiva Mani Kailasam, Ex Developer TCS Chennai, now pursuing his M.S

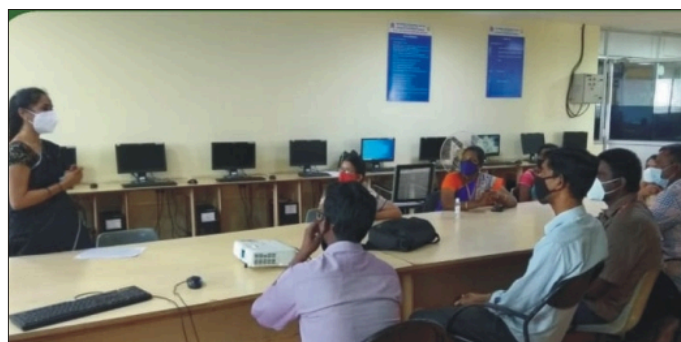


Webinar on 'Full Stack Development'

at La Trobe University-Australia (Alumni of Batch: 2011-2015). The coordinators were Dr.S.Narayanan, A.P., and Ms. R. Thenmozhi, A.P.

A webinar on 'Analyze, Discover & Innovate in a Data Rich World' was organized on 06.12.2020. The Resource Person was Mr. Pankaj Kumar Pathak, Senior Technical Lead, Engineering and Research Service, Noida and the coordinators were Dr.S.Narayanan, A.P., and Ms.S.Shenbagavadivu, A.P.

A one day SDP on 'Hands on Training Photoshop' was organized on 14.12.2020 and the Resource Persons were Mr.K.Elaiyaraja, A.P Dept of IT, Mr.R.Sankaranarayanan, A.P Dept of IT, SRM VEC. The coordinators were Dr.S.Jeyalakshmi, A.P and Mr.K.Elaiyaraja, A.P.



SDP on 'Hands on Training Photoshop'

A six day FDP on 'Compiler Optimization with Computational Intelligence and Cyber Security' was organized from 21.12.2020 to 29.12.20 for the Teaching Staff and the Resource Persons were Mr. Vinod Senthil.T, Founder, Managing Director, Chief Technical Officer, infySEC, Ms.N. Uma, AP / IT, Sri Venkateswara College of Engineering, Chennai, Ms. P. Brundha, HOD / CSE, Francis Xavier Engineering College, Tirunelveli, Ms. G. Sangeetha, AP / IT, Sri Venkateswara College of Engineering, Chennai, Dr. S. Vairachilai, AP / CSE, The ICFAI Foundation for Higher Education, Hyderabad, Dr. A. R., Dr.S.Ravikumar AP / IT,



FDP on 'Compiler Optimization with Computational Intelligence and Cyber Security'

Dr. S. Narayanan, AP / IT, Dr. S. Jeyalakshmi AP / IT, and Mr G. Vivekanandan, AP / IT . The coordinators were Dr.S. Jeyalakshmi A.P. and Ms. K. Mohanambal, A.P.

A webinar on 'NLP Applications using Python' was organized on 28.12.2020 and the Resource Person was Mr. Neechalkaran (a) S. Raja Raman, Technology Lead, Infosys Ltd, Chennai and the coordinators were Ms.R.Shanthi, A.P., and Mr. G.Vivekanandan, A.P.

Dr.A.R.Revathi, Asso. Prof., published an article titled an 'A complete conspectus of Robotics and Automation' in CSI Communication Computer Society of India, October 2020.

Dr.A.R.Revathi, Asso. Prof., published a patent titled 'AI Based Adaptive Automation System' on 16th October 2020.

Dr.A.R.Revathi, Asso. Prof., published an article titled the 'Deep Learning: A Neural Network of Human Being' in CSI Communication Computer Society of India, Nov. 2020.

Dr.A.R.Revathi, Asso. Prof., published an article in Springer Book Chapter titled 'Exploration of Cough recognition Technologies Grounded on Sensors and Artificial Intelligence' in November 2020.

Dr.A.R.Revathi, Asso. Prof., published an article titled the 'The future of Universal: Industry 4.0' in CSI Communication Computer Society of India, December 2020.

Dr.S.Ravikumar, A.P., published a journal article titled the 'IOT and Context Aware Learning-Based Optimal Neural Network Model for Real Time Health Monitoring' in Transactions on Emerging Telecommunications Technologies, John Wiley and Sons Limited, October 2020.

Mr.K.Elaiyaraja, A.P. and Ms.S.Sandhya, A.P., published an article titled 'An Application of Deep Learning in Healthcare' in CSI Communication Computer Society of India, November 2020.

Dr.A.R.Revathi, Asso. Prof., delivered a lecture on 'Image Denoising' in the AICTE Sponsored Online Short term Training Programme titled 'Medical Image Analysis' organized by Dept of ECE, V.S.B. Engineering College, Karur on 05.10.2020 and 02.11.2020.

Dr.A.R.Revathi, Asso. Prof., delivered a lecture on 'Research focus on IoT: in the AICTE Sponsored Online Short term Training Programme titled', 'Internet Of Things and Its Applications- Phase-I, Phase II and Phase III' organized by Dept of IT, SRMVEC on 31.10.2020, 19.11.2020 and 25.11.2020.

Dr.S.Ravikumar A.P. and Dr.S.Narayanan, A.P., delivered a lecture in the AICTE Sponsored Online Short term Training Programme titled 'Internet Of Things and Its Applications-Phase-III' organized by Dept of IT, SRMVEC from 23.11.2020 to 28.11.2020.

Dr.A.R.Revathi, Asso. Prof., Dr.S.Ravikumar A.P., Dr.S.Narayanan A.P., Dr.S.Jeyalakshmi A.P. and Mr.G.Vivekanandan A.P. delivered a lecture in the Online FDP titled 'Compiler optimization with computational intelligence & cyber security' organized by Dept of IT, SRMVEC from 21.12.2020 to 29.12.2020.

Ms.S.Shenbagavadivu A.P., delivered a lecture on 'Hands on Training Data analytic on Sensor' in the AICTE Sponsored Online Short term Training Programme titled 'Internet Of Things and Its Applications- Phase-I' organized by Department of Information Technology, SRMVEC on 30.10.2020

Mr.S.Sankaranarayanan A. P. delivered a lecture on 'Sensor based programming-Real time Application' in the AICTE Sponsored Online Short term Training Programme titled "Internet Of Things and Its Applications- Phase-II" organized by the department of Information Technology, SRMVEC, on 18.11.2020.

Mr.K.Elaiyaraja, A.P. and Mr.S.Sankaranarayanan A.P., delivered a lecture on 'Hands on Training-Photoshop' in the Online SDP, organized by Department of Information Technology, SRMVEC on 14.12.2020.

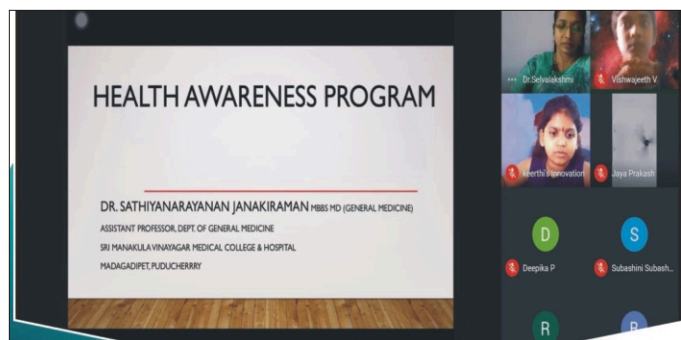
Staff - 36 Online FDP/STTP, 88 Webinars & 5 Certification courses.

Students - 3 Publications, 22 Online Exam/Certification Exams, 1 Quiz Programme, 3 Symposiums and 1Virtual Contest.

Department of Management Studies

Dept. of Management Studies in association with Entrepreneurship Development Cell organised an online awareness programme about the Tamilnadu Student Innovator Award (TNSI) 2020 - an initiative by EDII-TN & MIT-IEDP on 1.10.2020. The speakers were Mr. A.Selvakumar, Field co-coordinator MIT-IEDP Hub, Chennai and Dr.S.Neelavathy Pari, Hub coordinator MIT-IEDP, Chennai. Students from various departments like IT, Civil, Mechanical, EIE and MBA participated in this programme. Mrs. A.UmaDevi, Asst.Professor coordinated the event.

Dept. of Management Studies in association with Internal Quality Assurance Cell organized 'Online Health Awareness Programme' on 05.11.2020. Dr.Sathyinarayanan Janakiraman, MBBS, MD Assistant Professor- Sri Manakula Vinayagar Medical College &Hospital, Puducherry addressed the school & college students. Dr. V. Selvalakshmi, Asst.Professor coordinated the event.



'Online Health Awareness Programme'

A workshop on Rural Entrepreneurship Development was organised by the Dept. of Management Studies in association with the Rural Entrepreneurship Development

Cell and in association with Mahatma Gandhi National Council of Rural Education (MGNCRE) on 19.10.2020. Mr.M.Sai Kiran, Coordinator/MGNCRE addressed the students. Around 110 participants including faculty and students from II Year MBA participated in the event. Mr.K.Guru, Asst. Professor coordinated the event.

Dept. of Management Studies organized a Staff Development Programme (SDP) on 'Innovation in Workplace' for Non-Teaching Staff members which was conducted on 11.12.2020. Non-Teaching Staff members from various departments of the institution participated and benefitted from the programme. Dr. S. Raja, Asst. Professor coordinated the event.



SDP on 'Innovation in Workplace'

Mrs. A.UmaDevi and Dr. Radha Ganeshkumar filed a National Patent on 'Programming the Supply Chain for customers with Uncertain Demand'.

Mr.K.Guru, Dr. Radha Ganeshkumar, Dr.J.Anand, and Mrs. A. UmaDevi filed a National Patent on 'Block Chain based Shopping Cart'.

Mrs. A.UmaDevi, Mr.K.Guru, Dr. V. Selvalakshmi, Dr.J.Anand, and Dr. S. Raja filed an International Patent (Australia) on 'Block Chain based Rice ATM'.

Dept. of Management Studies in association with the Institution Innovation Council organised an online lecture on 'National Education Policy with a focus on Innovation and Entrepreneurship' on 30.12.2020. Mr. K. Vijayendiran, Asst. Professor, Dept. of Mechanical Engineering, SRMVEC delivered the lecture. Dr. Radha Ganeshkumar and Dr. S.Raja coordinated the event.

General Engineering

Mr.S.K.Saravanan, AP(Sel.G) attended an Online Faculty Development Programme on 'Internet of Things' conducted by AICTE Training and Learning (ATAL) Academy at Sri Sairam Engineering College from 30.11.2020 to 04.12.2020.

Dr. S. Parthasarathy, AP(Sel.G) successfully defended his thesis and was conferred PhD Degree on 03.11.2020.

Dr. D. Sridevi /AP(Sr.G)/GE and Dr. V. Vijayalakshmi/AP(Sl.G) presented a paper, 'SOT based dynamic Garbage Management System', International Conference (Virtual) on Smart Advanced Material Science and Engineering Applications- 2020 Conducted by Department of Physics, KL University, Vijayawada, Andhra Prades, on 3.12.2020 to 5.12.2020

Dr. V. Vijayalakshmi/AP(Sl.G), A. Karpagam/AP (O.G) and Dr. D. Sridevi/AP(Sr.G) presented a paper 'A new Tactic for solving Payoff Matrix for Heptagonal Fuzzy numbers', International Conference (Virtual Mode) conducted by Queens College of Arts and Science for Women, Thanjavur, Pudukkottai District on 7th and 8th October 2020.

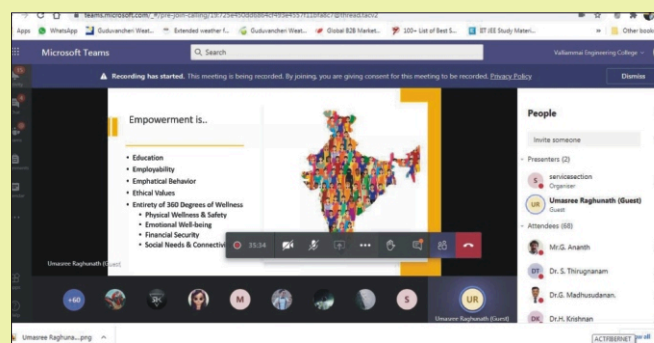
Dr. D.Sridevi filed a patent, on 'BLOCKCHAIN BASED RICE ATM' along with the staff of MBA department.

Dr. V. Vijayalakshmi/AP(Sl.G), Ms. A. Karpagam/AP (O.G), Dr. D. Sridevi /AP(Sr.G)/GE published a paper entitled, 'A Tactic approach in game theory', in A Journal of Composition Theory, ISSN : 0731 6755, Volume XIII, Issue XI, pp-287-293, November 2020.

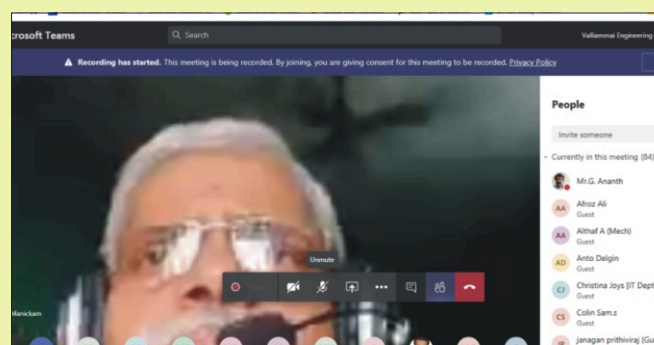
The department staff attended the following events through online mode. FDP 4, Conferences - 2, Patent 1, Publication 1, Webinar-10.

Youth Red Cross

A programme named Stranger Danger on Social Media - Cyber Awareness, was conducted online. Mrs Umashree Raghunath, Vice President of eWIT delivered a lecture on the above topic on 11.10.20.



YRC Orientation and First Aid Demonstration were conducted for 4 different batches in the First Year Induction Program IRCS/Chenglet District Secretary Mr.R.Manickam, delivered the lectures online, from 17.11.20 to 19.11.20.



Department of English

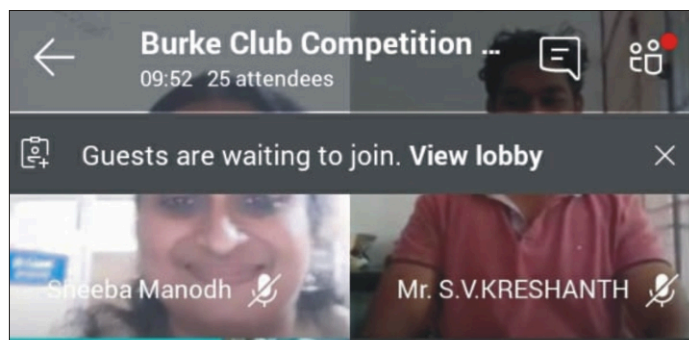
Ms.Sheeba Manodh (A.P) defended her thesis on 22nd October 2020 at Anna University, Chennai and was duly conferred Ph.D.

Linguathon Phase-I, a series of competitions consisting of Declamation, Poster Making and Vlog was held on 12th

December 2020. The competitions were conducted for the first year students on digital platform. The students were provided opportunities to display their creative skills. The prize winners were given certificates.

Dr Sheeba Manodh (A.P) and Ms. M.S. Shyamala(A.P) participated in an online workshop on 'Inculcating Universal Human Values in Technical Education' organized by All India Council for Technical Education (AICTE) during 14-18 December 2020.

The First session of the Oratorical Competitions under the auspices of 'Burke Club' was held on 23rd December 2020. The competition was conducted on Microsoft Teams where the first year students exhibited their oratorical skills and participated enthusiastically. The winners were rewarded with certificates.



Oratorical Competitions under the auspices of 'Burke Club'

Ms. Rachel, Lab assistant, participated in an SDP titled 'Innovation of Work Place' organized by the department of Management Studies on 11.12.2020, 'Hands On Training Photoshop' organized by the department of Information Technology on 14.12.2020 and 'Electronics System Designing using CAD-E SIM' organized by the department of ECE on 22.12.2020.

Department of Physics

The Department of Physics organized an expert Lecture on 'Semiconductor Devices and Their Applications' through online mode on 18th December 2020. The Chief Guest was Dr.K. Sethuraman, Associate Professor, Department of Materials Science School of Technology Central University of TamilNadu, Thiruvavur.



Expert Lecture on 'Semiconductor Devices and Their Applications'

Dr.K.Thiruppathi participated in the National Level webinar on Digital Marketing (Career Opportunities) held on 14th October, 2020, organized by SRM VEC-CSI Student branch in association with Division IV CSI.

Dr.K.Thiruppathi participated in one week Faculty Development Program on Recent Trends in Advanced Materials and Applications from 19th October 2020 to 23rd October 2020 organized by Department of Physics, National Institute of Engineering, Mysuru.

Dr.K.Thiruppathi participated in the University Distinguished Lecture titled 'Atma Nirbhar Bharat: The Role of Collaborations' delivered by Prof. B. S Murty, Director of the Indian Institute of Technology Hyderabad and organized by SRM University-AP held on 07th November 2020.

Dr.K.Thiruppathi attended a National Level Webinar on Pedagogical Innovations of the 21st Century held on 7th November, 2020, organised by Computer Society of India, Chapter IV.

Dr.K.Thiruppathi participated in the National level technical meet on Micro and Nano Fabrication and Characterization Techniques on 9th November 2020, organized by Department of Physics, Kamaraj College, Thuththukudi, TN.

Dr.K.Thiruppathi participated in the webinar on Opportunities and Need of Online Marketing Organized by Paarivendar Manavar Tamil Mandram, SRM Valliammai Engineering College on 23rd November 2020.

Dr.S.Padmaja attended 'The Science Academies' A Six day lecture workshop on energy bands in solids and electrical transport properties of metals and semiconductors' conducted by Department of Physics, 'St.Philomena's College, Mysuru' from 23rd Nov to 28th Nov 2020.

Dr.H.Krishnan participated in the webinar on 'Opportunities in electrical industry' on 27th November 2020 conducted by FICCI Tamil Nadu State council.

Dr.H.Krishnan participated in the University Distinguished Lecture titled 'Philosophy of Ultimate success in Scientific Life' organized by SRM University-AP held on 28th November 2020.

Dr.K.Thiruppathi participated in the International e-Conference on Advances in Science and Technology for Betterment of Health Environment and Energy, Organized by Department of Chemistry, GITAM School of Science, Bengaluru during December 1-3, 2020.

Dr.K.Thiruppathi presented the paper titled Influence of Nano Magnetic Particle on Magnetorheological Fluids studied Using XRD, Rheology and VSM (paper id : ICSM-PHY-0023) in International Virtual Conference on Smart Advanced Material Science and Engineering Applications (IVCSAMSEA 2020) organized by Department of Physics, KLEF, Guntur, India, during 3rd to 5th December, 2020.

Dr.H.Krishnan and Dr.M.Anbuezhayan participated in the University Distinguished Lecture titled 'Art of science in the Time of Virus and Beyond: The brave new world' organized by SRM University-AP held on 5th December 2020

Dr.H.Krishnan participated in the National webinar on 'Analytical ,Discover and innovative in a data rich world' organized by the Department of Information Technology in association with National Cyber Safety and standards, ISTE AND CSI-SRM VEC student branch conducted on 6th December 2020.

Dr.K.Thiruppathi participated in the Webinar on Opportunities in the Electrical Industry on 27th November 2020 by Mr.M.Umapathy, Organized by FICCI, SRM IST, SRM VEC Student Branch on 6th December 2020.

Dr.H.Krishnan, Dr.M.Anbuechhiyan, Dr.K.Thiruppathi and Ms.Ramya Rajan M.P participated in the University Distinguished Lecture titled 'Pursuit of excellence: Institution Building' organized by SRM University-AP held on 12th December 2020.

Department of Mathematics

Dr.R.Umamaheswari /AP (O.G) / EIE, Dr.S.Chitra, HOD/AP(Sl.G), Dr.D.Kavitha /AP(Sr.G)/ CSE published a Research paper,'Reliability analysis and Dynamic Maintenance model based on Fuzzy degradation approach', in Soft Computing- Springer <https://doi.org/10.1007/s00500-020-05388-4> Oct -2020.

Dr. S. Chitra, HOD/AP(Sl.G) was the Resource person for AICTE Sponsored Short Term Training Programme on Modern Optimization Tools in Engineering Field II on 19.10.2020. She spoke on the topic 'Conventional Optimization Techniques', in SRM Valliammai Engineering College.

Dr.T.Isaiyarasi /AP(Sl.G) was the Resource person for AICTE Sponsored Short Term Training Programme on Modern Optimization Tools in Engineering Field II on 19.10.2020. She spoke on the topic 'Linear Programming Problem', in SRM Valliammai Engineering College,

Dr. S. Chitra, HOD/AP(Sl.G) presented a paper 'A study of energy graph with given super strong domination number', International Conference (Virtual Mode) conducted by Queens College of Arts and Science for Women, Thanjavur, Pudukkottai District on 7th and 8th October 2020.

Dr. V. Vijayalakshmi/AP(Sl.G), A. Karpagam/AP (O.G), Dr. D. Sridevi/AP(Sr.G) presented a paper 'A new Tactic for solving Payoff Matrix for Heptagonal Fuzzy numbers', International Conference (Virtual Mode) conducted by Queens College of Arts and Science for Women, Thanjavur, Pudukkottai District on 7th and 8th October 2020.

Ms.A.Karpagam/AP (O.G) was the Resource person for AICTE Sponsored Short Term Training Programme on Modern Optimization Tools in Engineering Field III on 02.11.2020. She spoke on the topic 'Optimization Methods in Linear Programming Problem', in SRM VEC.

Mrs. B.Vasuki/AP (O.G) was the Resource person for AICTE Sponsored Short Term Training Programme on Modern Optimization Tools in Engineering Field III on 02.11.2020 and delivered a speech on the topic 'Optimization Methods in Non-Linear Programming Problem', in SRM Valliammai Engineering College,

Dr. V. Vijayalakshmi/AP(Sl.G) was the Resource person for AICTE Sponsored Short Term Training Programme on Modern Optimization Tools in Engineering Field IV on 18.11.2020 and delivered a speech on the topic 'Optimization Techniques in Non Linear Programming Problem', in SRM Valliammai Engineering College.

Mrs. V.Nagarani/AP (O.G) was the Resource person for AICTE Sponsored Short Term Training Programme on Modern Optimization Tools in Engineering Field IV on 18.11.2020 and delivered a speech on the topic 'Optimization Techniques in Linear Programming Problem', in SRM VEC.

Dr. V. Vijayalakshmi/AP(Sl.G), Ms. A. Karpagam/AP (O.G), Dr. D. Sridevi /AP(Sr.G)/GE published a paper entitled, 'A Tactic approach in game theory', in A Journal of Composition Theory, ISSN : 0731 6755, Volume XIII, Issue XI, pp- 287-293, November 2020.

Dr. D. Sridevi,AP(Sr.G),GE, Dr.V.Vijayalakshmi,AP(Sl.G) presented a paper, 'SOT based dynamic Garbage Management System', International Conference (Virtual) on Smart Advanced Material Science and Engineering Applications- 2020 conducted by Department of Physics, KL University, Vijayawada, Andhra Prades, on 3.12.2020 to 5.12.2020.

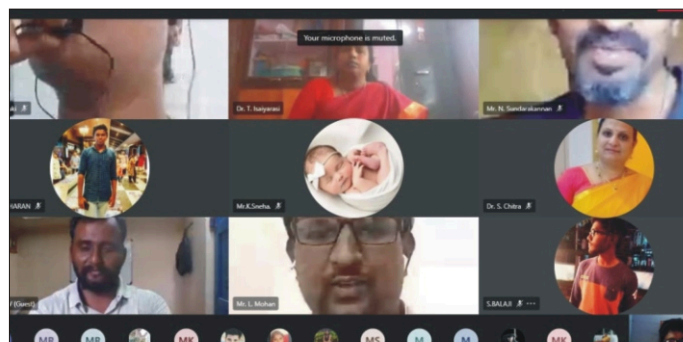
Dr.S.Chitra, HOD/AP(Sl.G), Dr. V.Vijayalakshmi /AP(Sl.G), Mrs. V.Nagarani/AP (O.G) and Ms.A.Karpagam/AP (O.G) attended an online International Conference on Emerging Trends in Mathematics and statistics ICETMS 2020, St. George College, ArivuthuraKottayam in association with Kerala Mathematics association on 2.12.2020 & 3.12.2020.

Dr. V. Vijayalakshmi /AP(Sl.G) attended an International Virtual Conference on "Progress in mathematics towards Industrial Applications" PMTIA 2020 organized by Department of Mathematics, SRM University Ramapuram Campus on 6.12.2020 and 7.12.2020.

Dr. T.Isaiyarasi/AP(Sl.G) and D.Captain Prabhakaran/AP (O.G) attended a workshop organized by AICTE titled Incorporating Universal Human Values in Education from 14.12.2020 to 18.12.2020.

Dr. S. Chitra, HOD/AP(Sl.G) and Dr. V. Vijayalakshmi /AP(Sl.G) attended an International Virtual Conference on 'Bridging Innovative Trends in Mathematics, Engineering and Technology BITMET 20' organized by Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam, TN from 18.12.2020 to 20.12.2020.

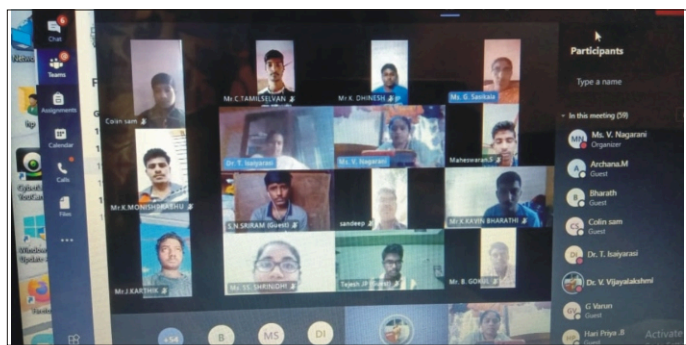
The Mathematics Association 'EULER.COM' organized a Guest Lecture on the 'Discrete Mathematics' on 18th October 2020 for the II year CSE and IT students. The lecture was delivered by Dr.V.Yuvaraj, Assitant Professor, Department of Mathematics, Sri Sairam Institute of Technology, Chennai.



Guest Lecture on the 'Discrete Mathematics'

The Mathematics Association 'EULER.COM' organized a Guest Lecture on the 'Applications of Differential Calculus' on 6th December 2020 for the I year students. The lecture was

delivered by Dr.D.Yokesh, Associate Professor, Department of Mathematics, SMK Fomra Institute of Technology, Chennai. He explained the various real time applications of Differential Calculus such as Engineering, day to day activities, Economics, Sports, Physics and Chemistry.



Guest Lecture on the 'Applications of Differential Calculus'

Dr. S. Chitra, Assistant Professor(Sl.G)/ HOD participated in the following events,

- National Webinar on Digital Marketing on 14.10.2020 at Srm Valliammai Engineering College
- National Webinar on Introduction to Operation Research in Engineering on 22.11.2020 at Ramco Institute of Technology
- International Webinar on Surface Chemistry on 27.11.2020 at Srm Valliammai Engineering College
- National Webinar on Bridging Mathematics Concepts in Industrial Problems on 28.11.2020 at SMK Fomra Institute

Dr. V. Vijayalakshmi, Assistant Professor(Sel.G) participated in the following events,

- National Webinar on Number Theory and Algebra in Computer Science on 06.10.2020 at Unity Women's College, Mallapuram, Kerala
- National Webinar on Digital Marketing on 14.10.2020 at Srm Valliammai Engineering College
- Quiz on General Mathematics on 23.10.2020 at Seshasayee Institute of Technology
- National Webinar on Application of Rough sets in Data Analysis on 31.10.2020 at Sri sairam Engineering College
- National Workshop on Introduction to Operation Research in Engineering on 22.11.2020 at Ramco Institute of Technology
- National Webinar on Bridging Mathematics Concepts in Industrial Problems on 28.11.2020 at SMK Fomra Institute of Technology, Chennai
- National Webinar on Mathematical Modelling and Number Theory on 22.12.2020 at Don Bosco College of Engineering
- National Webinar on How to write Resume, Curriculum vitae and Bio data on 20.12.2020 at Research Circle
- National Webinar on Stress Management at workplace on 26.12.2020 at SJBinstitute of Technology, Bengaluru



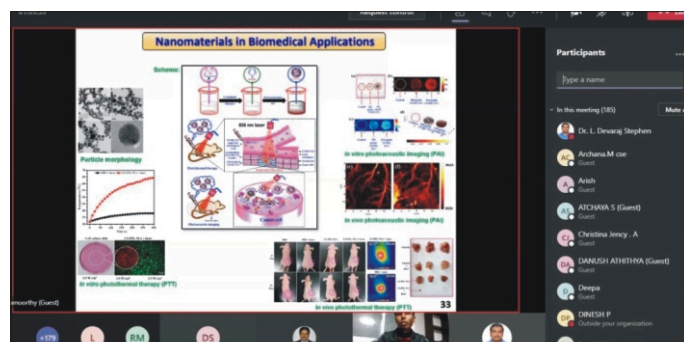
Dr. L. Devaraj Stephen successfully completed an online course titled 'Learning How to Learn: Powerful mental tools to help you master tough subjects' offered through Coursera

Certification by McMaster University, University of California, San Diego, on 13.11.2020.

Dr. N. Jayaprakash presented a paper titled 'Preparation and Characterization of Boron Doped CN'S/MnO₂ and its Photocatalytic Application of Dye Degradation' in the 'Second International Conference on Recent Advances and Manufacturing (ICRAMM 2020)' organized at Velalar College of Engineering and Technology, Erode, held on 20th & 21st November 2020.

Dr. L. Devaraj Stephen presented a paper titled 'Visible Light Driven Photocatalysis in CoIII(pn)₂Cl(L)₂⁺ on Aqueous TiO₂ suspensions in Binary Solvent Mixtures' and won the Best oral presenter award in the 'Two Days Virtual National Conference on Recent Trends in Chemical Sciences-2020 (NCRTCS-2020)' organized by the Department of Chemistry, Sri Sivasubramaniya Nadar (SSN) College of Engineering, Chennai on 26th & 27th November 2020.

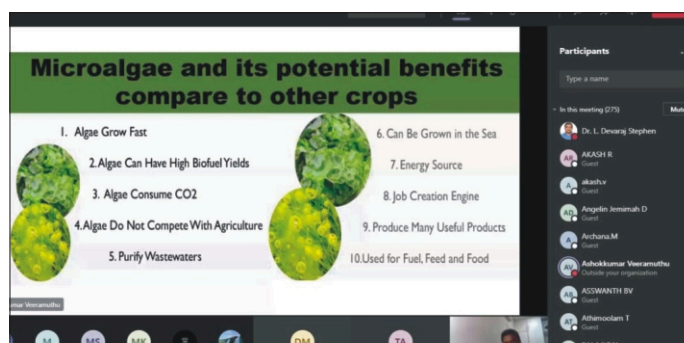
The Department of Chemistry organized a Guest Lecture (International Webinar) on 'Surface Chemistry' on 27th November 2020. Dr. M. Santha Moorthy, Research Scientist, Centre for Materials and Costal Research, Helmholtz-Zentrum Geesthacht, Teltow, Germany was the Resource Person. Around 173 students and faculty members from various institutions numbers attended the webinar.



Guest Lecture (International Webinar) on 'Surface Chemistry'

Dr. N. Jayaprakash participated in the 'International Conference on Advanced Materials for Energy and Environmental Applications (ICAMEEA 2020)' organized at Bharath Institute of Higher Education and Research, Chennai in association with INHA University, South Korea held on 3rd & 4th December 2020.

The Department also organized a Guest Lecture (International Webinar) on 'Renewable Energy Sources' on 18th December 2020. Dr. V. Ashokkumar, Research Associate, Department of Chemical Technology, Chulalongkorn University, Thailand was the Resource person. Around 275 students and the faculties from various institutions attended the webinar.



Guest Lecture (International Webinar) on 'Renewable Energy Sources'

Dr. S. G. Gunasekaran, Dr. M. Soundarrajan and Dr.L.Devaraj Stephen filed a patent in IPR on 'Design and development of thermally curable poly(benzoxazine-co-methacrylate and its high performance applications: A novel polymer' on 18th December 2020.

Dr. L. Devaraj Stephen participated in the 'Five day online FDP on Universal Human Values for DEEKSHARAMBH (Student Induction Programme)' organized by National Institute of Technology Patna, from 23th to 27th Nov 2020.

Dr. S. G. Gunasekaran, Dr. N. Jayaprakash, Mr.V.Arivalagan and Dr. P. Maheswari participated in a three day virtual 'National Workshop on Advanced Materials for Energy and Environment Applications' from 21st to 23rd December 2020, organized by Department of Materials Science and Nanotechnology Yogi Vemena University, Kadapa, Andhra Pradesh.

<https://www.srmvalliammai.ac.in/newsletter.html>

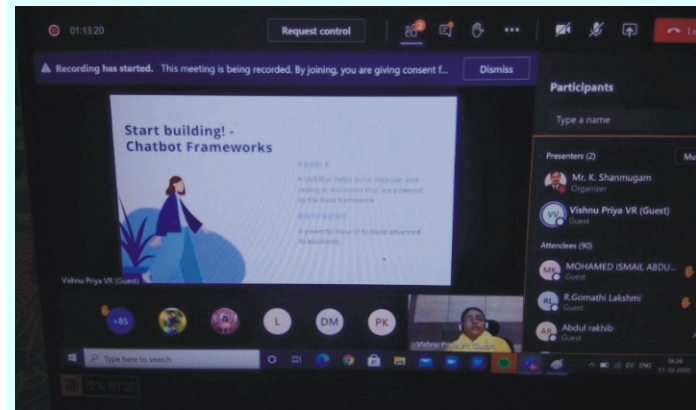
A Poriyari Website (Poriyari.co.in) has been created to Upload the Engineering and Technology content in Tamil by Paarivendhar Students' Tamil association and Kanith Tamil Peravai on 01.10.2020.

J.Dharshini, IIIrd year CSE, participated in a debate show in the programme Tamizha Tamizha, ZEE Tamil television. This event was telecast on 04.10.2020 in ZEE Tamil.

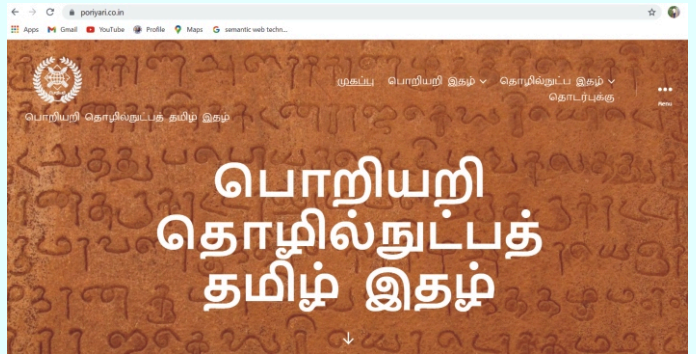
Paarivendar Student's Tamil Association, Kanith Tamil Peravai of SRM Valliammai Engineering College, International Forum for Information Technology in Tamil and Computer society of India-Division-4(Communication), organized an International Workshop on Tamil Computing on 17.10.2020 & 18.10.2020.

On Day-1(17.10.2020), the first session was addressed by Ms.V.Vishnu Priya Conversational AI Research Intern,Proven company, Chennai, entitled Beyond English: AI that speaks the language I love.The second session was addressed by Ms. Nithya Duraiswamy, Technical Consultant, TCS, titled Machine Learning in Tamil.The third session, titled Machine Translation in Dravidian Languages was addressed by Dr.L.Sobha Nair , Professor,Anna University, Chennai.

On Day-2(18.10.2020), the first Session was addressed by Dr.A. Murugaiyan Professor,University of Paris, Paris entitled Digital databases of Tamil Inscriptions. Dr. Vasu Renganathan,Professor,Univ Pennsylvania, USA addressed the audience on 'Immediate Needs of Tamil NLP Research'. The third session, entitled Planning and activities for Tamil Computing was taken over by Technical and R& D Engineer, Infosys Mr. Raja Raman. The function was felicitated by Dr.B.Chidhambharajan, Chairperson of Divison-4 (Communications), Computer Society of India .The function was conducted under the guidance of Dr.B.Vanathi, Managing Committee member of CSI Kancheepuram chapter and Professor & Head, Department of Computer Science and Engineering, SRM Valliammai Engineering College. More than 100 Participants participated from various countries and various states.



Tamil Mandram



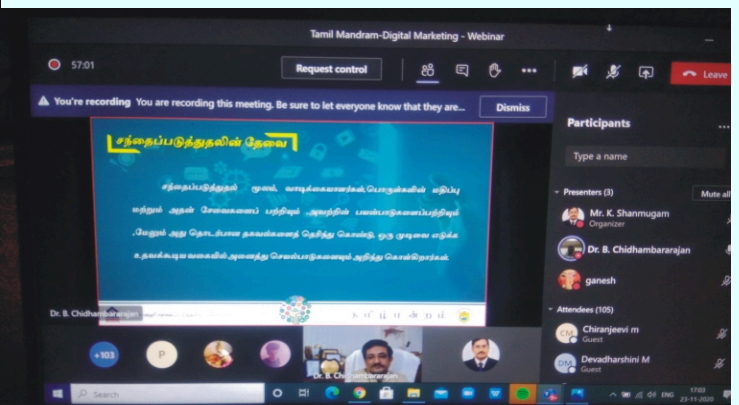
K.Sankar Babu, IIIrd year ECE participated in a debate show in 'Soll Yutham', DD Podhigai. This event was telecast on the occasion of Deepavali on 14.11.2020 in DD Podhigai.

SRM Valliammai Engineering College Paarivendhar Student's Tamil Association conducted a webinar on the entitled 'Digital Marketing

Needs and Opportunities' for various college students and professors through the Microsoft teams app on Monday 23/11/2020. The guest of honour, on the occasion was the Hon'ble Principal of the SRM Valliammai Engineering College, Dr.P.Chidambararajan. More than 150 professors and students registered and participated in the programme.

Mr.K.Shanmugam,AP/CSE, participated in a debate show in Neeya Naana on Vijay TV. This event was telecast on 22.11.2020.

Mr.K.Shanmugam,AP/CSE, participated in a debate show in Tamizha Tamizha, ZEE Tamil television. This event was telecast on 22.11.2020.



Mr. K.Shanmugam , AP, CSE delivered a special address at the Tamil month event in Singapore entitled Tamil computing on 18.12.2020 organized by Innovative Indian Arts Centre, Singapore by online mode.

Mr. K.Shanmugam , AP,CSE received a certificate of honour for his talent and exemplary skills by Abdul Kalam India Movement on 30.12.2020.

Mr. K.Shanmugam , AP,CSE received a certificate of appreciation for participating in a You Tube speech competition by Abdul Kalam India Movement on 05.12.2020.

Mr.Gokula Krishnan ,First year/ECE received a participation certificate for participating in You Tube speech competition by Abdul Kalam India Movement on 05.12.2020.

