VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)
Accredited by NAAC with 'A+' Grade & Accredited by NBA
Thindal, Erode – 638 012

Newsletter

INTERNAL QUALITY ASSURANCE CELL (IQAC)

VOLUME 22   **OCTOBER TO DECEMBER 2022**   **ISSUE 4**

MESSAGE FROM THE PRINCIPAL

I would like to express my deep sense of gratitude to everyone for your constant support, love and concern towards the college which encourage us to strive hard and carry forward the mission of spreading value-based knowledge. Preparing the younger minds to meet the challenges in life and work is an onerous task. The role of education is definitely not limited to give and grasp knowledge and theory. The true goal of education transcends much beyond awarding degrees and certificates to the students. Genuine concern of our institution is to ensure students' emotional growth along with intellectual excellence. This empowers them to develop their self-esteem, self-awareness and self-confidence. Our students are multi-cultural and multi-linguistic; hence we teach our students the importance of tolerance and respect for each other's language and culture. Discipline, values and integrity are the foundation of our Institution. Our vision is to produce confident citizens of India who will go around the world and make us proud. Our students graduate with the skills, mind sets and qualities that will best equip them for success. Let's give our best and make this institution a modern temple of learning through our diligence, devotion and dedication. Wishing you all the very best in the world of future. They are the future leaders and role models of society.

Academic Conclaves in VCET
(Programs organized (Grants Received / Seminars / FDPs / Guest Lectures / Workshops), Association Activities, Placement Activities, Students Activities (NPTEL / Seminars / Internships / Paper Presentations / Sports / Prize Winners))

DEPARTMENT OF BIOMEDICAL ENGINEERING

Final year students visited Erode Cancer Centre, Erode, on the occasion of the inauguration of New Hyperthermia Unit on 21.10.2022.

The Association of BME organized an alumni interaction for third year students on 'Artificial Intelligence enabled Medical Devices' on 26.10.2022. Ms.A.S.Haridharani, Data Scientist and Analytics, was the alumni cum resource person.

The Association organized the Inaugural function of PG course M.E. - BME on 03.11.2022.

The Association of BME in collaboration with IEEE & EMBS Student branch organized a Quiz competition on the occasion of National Cancer Awareness Day on 06.11.2022. 50 students participated in the event and the following students were awarded prizes, Seventeen third and final year students presented papers on various topics in reputed institutions in Tamil Nadu.

S.No.	Name of the Participant	Prizes
1.	Jeevika V M	I
2	Nathiya M	II
3	Kanishka D	III

Boomika C and Catherine Biju got placement in Tata Consultancy Services.

DEPARTMENT OF CIVIL ENGINEERING

A seminar on 'Accessibility (Barrier-Free Environment) in Built Infrastructure' was conducted on 22.11.2022. Mrs.Kothai Selvi, District Differently Abled Welfare Officer, Erode, was the chief guest. Dr.E.Ravi, Dr.C.Karthik and Mr.S.Suresh from the Department of Civil Engineering delivered lectures in the seminar. More than 100 students got benefitted.

A four day special training program was organised for third year students on 06.09.2022, 12.09.2022, 13.09.2022 and 24.11.2022. Training was given by Mr.P.Anjesh Kumar, Titan Academy of Placement Excellence, Coimbatore, on topics such as Extempore Speech, Group Discussion, Sentence Construction, Business English, and listening practice.

Vishnumoorthy P and Gokul Kannan N of second year participated in the one day seminar on 'Indian Metrorail Track Maintenance Practices and Safety' organised by The Institution of Engineers (India), Erode Local Centre, on 11.11.2022 at Kongu Engineering College, Perundurai. Four students of third year had successfully completed the 12 week NPTEL Course on 'Science Technology and Society' during July-October 2022.

Five students of third year and 05 students of final year had successfully completed the 12 week NPTEL Course on 'Availability and Management of Ground Water Resources' during July - October 2022.

Five students of third year had successfully completed the 12 week NPTEL Course on 'Ecology and Society' during July-October 2022.
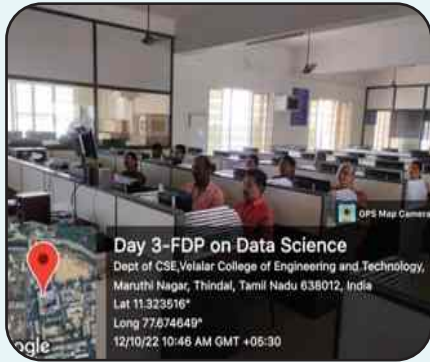
Five students got placement in M/s Ramalingam Construction Company, Erode.

Five students got placement in M/s Lotus Construction, Erode.

One student got placement in M/s Future Planners, Sathy, Erode.

Four students got placement in M/s Balamurugan Associates, Erode.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Day 3-FDP on Data Science
Dept of CSE,Velalar College of Engineering and Technology, Maruthi Nagar, Thindal, Tamil Nadu 638012, India
Lat 11.323516°
Long 77.674649°
12/10/22 10:46 AM GMT +05:30

Dr.S.Russia & Dr.S.Jabeen Begum, organized a Five Day NITTTR – Chandigarh Sponsored Online Short Term Course (Remote Centre) on 'Data Science using Python' (ICT-130), from 10.10.2022 to 14.10.2022.

Dr.S.Jabeen Begum & Dr.S.Russia, organized a Five Day NITTTR – Chandigarh Sponsored Online Short Term Course (Remote Centre) on 'Open Source Technologies' (ICT-131), from 17.10.2022 to 21.10.2022.

Dr.V.Latha Jothi & Dr.S.Gokul Raj, organized a Five Day NITTTR – Chandigarh Sponsored Online Short Term Course (Remote Centre) on 'Effective Curriculum Implementation' (ICT-152), from 12.12.2022 to 16.12.2022.

Dr.S.Sadesh & Dr.S.Gokulraj, Department of CSE Organized a One Day Seminar on 'Statistical Methods for Machine Learning' by Prof.P. Murugesan Founder & CEO, Tulsi Consultancy Services, Chennai on 29.07.2022.

Dr.S.Kayalvili organized an online FDP on 'Wireless Networks' from 26.09.2022 to 30.09.2022 sponsored by NITTTR, Chandigarh.

The Association of CSE organized the 18th National Level Students' Technical Symposium on 08.10.2022.

The Association also organized a webinar on 'AWS EXPLORATION' by Ms. J. Josephine Joy Percy, Senior Application Development Analyst, Accenture Pvt. Ltd., Chennai on 12.11.2022.

The Association organized a 'TECH QUIZ' event on 09.11.2022 for the second year students and a 'CRACK TO PROVE' event on 31.10.2022 for the third year students.

Three students got placement in Infiniti Solutions, with a CTC offer of 3.5 lakhs per annum.

Four students got placement in Renault Nissan Technology Business Centre India Private Limited, with a CTC offer of 4.25 lakhs per annum.

Two students got placement in Tech Mahindra, with a CTC offer of 3.25 lakhs per annum.

Two students got placement in Clarivate, with a CTC offer of 8.25 lakhs per annum.

Five students got placement in TCS, with a CTC offer of 3.36 lakhs per annum.

Two students got placement in JMAN Group, with a CTC offer of 3.5 lakhs per annum.

Three students completed NPTEL courses with Elite + Gold certification during October 2022

Twenty one students completed NPTEL courses with Elite + Silver certification and 47 students completed NPTEL courses with Elite certification during October 2022

Thirty Seven students successfully completed NPTEL courses during October 2022

Eleven students attended internship training in various companies.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A webinar on 'Essential Skills to Get a Job in Core Industry' was conducted on 11.11.2022 for second year ECE students. Hands-On Training on 'Mobile and Laptop Service' was conducted from 17.10.2022 to 21.10.2022 for second year ECE students. 18th National Level Students' Technical Symposium was conducted on 08.10.2022. 80 students of final year ECE have attended virtual campus drive by M/s Infinity Solutions, Chennai on 17.10.2022 and Adhikesavan G got placement in it.

Thindal, Tamil Nadu, India
3rd floor, cse department, velalar college of engineering and technology, Maruthi Nagar, Thindal, Tamil Nadu 638012, India
Lat 11.323132°
Long 77.674891°

98 final year students have attended virtual campus recruitment drive by M/s TCS, Chennai and Devayani M, Devipriya G, Gayathri G, Kathiresh S P, Manojkumar T, Narmatha A and Rifana A got placement in it.

79 final year students have attended virtual campus recruitment drive by M/s Vinsinfo Pvt Ltd, Chennai and Aravinth S, Laxminarayanan K D, Puviya M, Rifana A and Selvalakshmi A got placement in it.

60 students of final ECE have attended virtual campus drive by M/s Sri Mookambika Info Solutions, Madurai, on 24.11.2022 and Narmadha V got placement in it.

48 final year students have attended ON campus recruitment drive by M/s Tech Mahindra, Chennai and Dhivya S and Ravi Kumar M got placement in it.

38 students of final year ECE have attended virtual campus drive by M/s Smartsoc Solutions, Bengaluru, on 25.11.2022.

58 students of final year ECE have attended virtual campus drive by M/s Span Technology Service, Chennai, on 30.11.2022 and 10 students got shortlisted for the next round.

40 students of third and final year ECE completed the NPTEL online certification course on 'Principles Of Management' successfully (01-Elite+Gold, 12-Elite+Silver and 09-Elite). 1 student of third year ECE completed the NPTEL online certification course on 'Introduction To Internet of Things' successfully with Elite tag. 11 students of final year and third year ECE completed the NPTEL online certification course on 'Entrepreneurship' successfully (01-Elite+Silver and 08-Elite).

10 students of final year ECE completed the NPTEL online certification course on 'Problem Solving Through Programming In C' successfully (02-Elite+Silver and 07-Elite). 1 student of final year ECE completed the NPTEL online certification course on 'Programming in Java' successfully with Elite tag.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr.C.Gokul, acted as VCET Coordinator for the Short Term Course on 'Research Scope in Electric Vehicles', (In collaboration with ANSYS) conducted at NITTTR, Chandigarh from 05.12.2022 to 09.12.2022.The value added course in AUTOCAD ELECTRICAL was conducted from 17.10.2022 to 22.10.2022. Mr. V. G. Suriya, Software Trainee, Innova Skill Technology, Bangaluru, was the resource person of this function.

The Webinar on 'Introduction to Artificial Intelligence and its Applications in Electrical and Electronics Engineering' was conducted on 21.10.2022. Mr.S.Santhoshkumar B.E., MS., Germany, was the resource person. Totally 180 EEE students were benefitted through this online event.

A seminar on 'National Energy Conservation Day 2022' was conducted on 14.12.2022. Dr.P.Sakthivel, Professor and Head, Department of EEE was the resource person and delivered a lecture. Totally 60 IIC/EDC students were benefitted through this event.

6 EEE students got Elite+ Silver in NPTEL online certification courses during July - December 2022.

10 EEE students got Elite certification in NPTEL online courses during July - December 2022.

11 EEE students successfully completed NPTEL online certification courses during July - December 2022.

DEPARTMENT OF INFORMATION TECHNOLOGY

An Intra-Department meet was conducted on 15.10.2022 for the benefit of all the students.

Ashika M of final year IT got placement in Vinsinfo and JMAN.

Bharathi K of final year IT got placement in Renault Nissan Technology Business Centre India and TCS.

Dharani M, Rizwana S and Subhashree M of final year IT got placement in TCS.

Khaviya Shri M, Kiruthika K, Nivetha B and Vijayapriya P of final year IT got placement in Renault Nissan Technology Business Centre India.

Sindhu T E, Sriharish M, and Suriya B S and Saranya C, Shasianand T, Srinidhi S, Srriram V, Srisabarish V, Udhayadevi P, and Vaishali R of third year IT have secured Elite+ Gold tag and Elite+ Silver tag for the NPTEL online certification course 'Principles of Management'.

Soundarya of third year IT and Sowmiya S of final year IT have secured Elite+ Silver tag for the NPTEL online certification course 'Introduction to Industry 4.0 and Industrial Internet of Things'.

15 students for the NPTEL online certification course on 'Principles of Management', 3 students for the course 'Internet of Things', 51 students for the course 'Introduction To Industry 4.0 And Industrial Internet Of Things' and 1 student for the course 'Cloud Computing' were awarded Elite tags.

9 students for the course 'Principles of Management', 9 students for the course 'Internet of Things', 10 students for the course 'Introduction To Industry 4.0 And Industrial Internet Of Things' and 1 student for the course 'Management Information System' have successfully completed NPTEL online certification during July-October 2022.

12 students of second year IT attended an online webinar on 'Info Drive- unknown Knowledge' conducted by Velalar College of Engineering and Technology on 12.11.2022.

Sabarna L of second year IT attended an online webinar on 'Research Challenges in Micro Manufacturing and Measurement' conducted by Kongunadu College of Engineering and Technology on 19.11.2022.

Nathiya M and Pavithra K of second year IT attended an online workshop on 'Ethical Hacking' conducted by Karmadev.in from 29.09.2022 to 02.10.2022.

Devadharshini T, Dhivyadharshini M, Induja N and Jananika M of third year IT attended an online workshop on 'AI Driven Trends in Healthcare' conducted by PALS on 27.10.2022

Devadharshini T and Induja N of third year IT attended an online workshop on 'Pathway from Engineering to Product Development and Entrepreneurship' conducted by PALS on 03.11.2022.

Sanjay G M and Thamarai Selvan S P of final year IT attended an Online workshop on 'UI/ UX Workshop' conducted by Nandha Engineering College from 23.11.2022 to 25.11.2022.

13 students of third year IT attended an Online Java training programme conducted by Velalar College of Engineering and Technology on 09.11.2022.

Udhayadevi P of third year IT attended and completed the online course 'Java Script' conducted by GUVI on 03.11.2022 and completed the online course 'Fundamentals of Digital Marketing' conducted by Google Digital Unlocked on 07.11.2022.

14 students of third year IT attended a Quiz on 'Operating System (COA) Test-2' conducted by Arive Aatral YouTube Channel on 14.10.2022.

5 students of third year IT attended a Quiz on 'National Level E-Quiz on Principles of Management' conducted by Matrix School of Management Studies on 14.10.2022.

41 students of second year IT attended a Quiz on 'Python 3.4.3 Spoken Tutorial' conducted by Velalar College of Engineering and Technology on 07.12.2022.

Roshini B and Satya K of second year IT presented a paper on 'QR code' conducted by Nandha College of Technology, Erode on 21.10.2022.

Shri Janani L, Monisha P, and Subaharini of second year IT presented a paper on 'Artificial Intelligence' conducted by Nandha College of Technology, Erode on 21.10.2022.

Anbulalitha G K, Aswanthyga J, and Keerthana M of third year IT presented a paper on 'Artificial Intelligence' conducted by Nandha College of Technology, Erode on 21.10.2022.

Naveena R, Prakavi K, Soundarya C, Srinivedha S, and Subhashri M of third year IT presented a paper on 'Ethical Hacking' conducted by Nandha College of Technology, Erode on 21.10.2022

Sindhu T E, Suriya B S, and Tharani V of third year IT presented a paper and secured the second prize on 'One Point Student Verification' conducted by Nandha College of Technology, Erode on 21.10.2022

Nandhini A, Sree Abinaya P, and Poojasree S of second year IT presented a paper on 'Internet of Things' conducted by Erode Sengunthar Engineering College on 26.10.2022.

Mithilesh M, Nandhini A, and Subaharini K of second year presented a paper on 'The Blue Eyes Technology' conducted by Velalar College of Engineering and Technology on 29.10.2022.

Roshini B and Satya K of second year presented a paper on 'Artificial Intelligence' conducted by Velalar College of Engineering and Technology on 29.10.2022.

Shri Janani L, and Monisha B of second year presented a paper on 'Advanced Technology in Automobile' conducted by Velalar College of Engineering and Technology on 29.10.2022.

Thennavan E of second year presented a paper on 'Authentication Hackathon' conducted by Velalar College of Engineering and Technology on 26.12.2022.

Sriharini R of second year participated in the technical event-Memoreto Cerebrum and secured third prize conducted by Velalar College of Engineering and Technology on 18.10.2022.

Manojkumar P S of second year participated in the technical event-Truth or Fake and secured second prize conducted by Velalar College of Engineering and Technology on 18.10.2022.

Roshini B of second year participated in Logo designing contest and got First prize conducted by Sengunthar Engineering College on 20.10.2022.

Shri Janani L and Monisha P of second year participated in Multimedia contest and got first prize conducted by Nandha College of Technology, Erode on 21.10.2022.

Sathya K and Roshini B of second year participated in Multimedia contest and got second prize conducted by Nandha College of Technology, Erode on 21.10.2022.

Krishnaraj P S of third year participated in Tamilnadu Inter-District Junior Athletic Championship and secured second place conducted by Tamilnadu Athletic Association from 16.10.2022 to 19.10.2022.

DEPARTMENT OF MECHANICAL ENGINEERING

An Interaction session on 'Motivation and Personality Development' was organized on 02.11.2022. Mr. J. Thomas Biju, Job Performer, Galfar Engineering & Contacting Co. W.L.L Emirates, Abu Dhabi, who was our renowned alumni of 2014-18 batch was the resource person

The Association organized a webinar on 'Technology for Agricultural Applications' in IEI – Erode Local centre on 10.11.2022. Dr. S. Maheswaran, Associate Professor, Department of Electronics and Communication Engineering, Kongu Engineering College, Perundurai was the chief Guest. In his lecture, he explained about automations in agricultural field and power consumption techniques.

A one-day hands on workshop on 'Manufacturing Technology-GD&T' was organized on 17.11.2022. Mr.S.Senniappan B.E., CEO-Mech Tech Engg Cenre, Coimbatore, was the resource person. He explained the importance of geometric dimensioning and tolerancing to the third year students.

The Association organized a motivational programme on 'Effective Leadership' on 05.12.2022. Sub Lieutenant Balamurugan L, Indian Navy was the chief guest. He motivated the students for their career growth and talked about SSB exams & effective leadership skills. He was our renowned alumni of 2016 – 2020 batch.

As a part of ICRAMM '22, the association organized a guest lecture on 'Tailoring Mesoporous Materials for Environmental Applications' on 08.12.2022. Dr. Naimah Ibrahim, Associate Professor, Universiti of Malaysia, Perlis, was the chief guest. In her lecture, she explained about, emissions of acidic gases, ocean acidification, treatment on pores and morphology.

As a part of ICRAMM '22, the association organized a guest lecture on 'Composite Materials: Fabrication & Characterization' on 09.12.2022. Dr. G. Rajamurugan, Associate Professor, Vellore Institute of Technology, Vellore was the chief guest. In his lecture, he explained about, the characteristics of fiber reinforced composites, manufacturing process and fibre strength improvement approaches.

21 final year students of batch 2019-23 have attended off campus recruitment drive by Renault Nissan Technology and Business Centre, Chennai and Nivetha S got placement in it.

41 final year students of batch 2019-2023 have attended the campus recruitment drive by Infiniti Software Solutions, Chennai and Prabakaran M got placement in it. 38 final year students of batch 2019-2023 have attended the campus recruitment drive by Macbro Technology, Erode.

5 final year students of batch 2019-2023 have attended the off campus recruitment drive by Delphi TVS Technologies Limited, Chennai and 5 students Rajasekar D, Sangeethraja K N, Sanjay B, Santhosh R B and Soundar P got placement in it. 24 final year students of batch 2019-2023 have attended the off campus recruitment drive by Mapals India Private Limited, Chennai.

Third year students Navin P, Nishanth C, Giri Raj E, Manikandan M, Monish D, and Sabareesh P attended training on 'NX CAD Modelling and Drafting' conducted by SAE India from 10.10.2022 to 13.10.2022.

Second year students Santhosh Kumar S, Nithishkumar R, and Karupanan J attended the Workshop on 'SAEISS Bicycle Design Challenge' at Ilahia College of Engineering and Technology, Kerala on 10.12.2022 and 11.12.2022. 20 students attended Quiz and workshops conducted by various institutions. 36 students have completed Rapid Manufacturing and 32 students completed Work System Design NPTEL online certification courses during Jul-Oct 2022.

DEPARTMENT OF MEDICAL ELECTRONICS

Kousik R and Shiva K S of final year have participated in Dr. Kalam Young Achiever Award 2022 organised by World Youth Federation held on 01.10.2022.

Kousik R, Shiva K S and Ameena Mafaza J Y of final year have participated and shortlisted for the National level Manipal Hackathon 2022 organised by Manipal Institute of Technology, Manipal held from 13.10.2022 to 15.10.2022.

Around 20 students participated in Bootcamp Unreal Game Engine held from 13.10.2022 to 15.10.2022.

Around 15 students participated in Project Exhibition organized by Kangeyam Group of Institutions on 15.10.2022.

Tilak Sharuk M, Bhuvaneshwaran S and Kamalesh V of second year have participated and won the second prize in Project Presentation in Erode Sengunthar Engineering College held on 20.10.2022.

Subikshaa U K and Shobbiga U K of second year have participated and won the second place in Zonal Ball Badminton Match held on 24.12.2022.

DEPARTMENT OF MANAGEMENT STUDIES

Inauguration of I MBA (2022 - 2024 Batch) was organized on 06.10.2022. Thiru S.D.Chandrasekar, Secretary & Correspondent, VCET, Erode presided over the function.

The Association organized a Special Lecture on the topic 'Brand Building and Advertising Strategies in Leading Industries' on 19.10.2022. Shri. AJITH SELVARAJU, Founder & CEO, N'Kisi Training Institute, Salem was the resource person.

The Department organized an alumni interaction seminar for I MBA students on 20.10.2022. The seminar was taken by our renowned Alumnus Mr. K.Surya Kumar, HR - BYJUS. He interacted with the students on the topic 'Effective Communication and Corporate Expectations'.

An industrial visit to 'Nandhini Dairy' was organized on 28.10.2022. 60 II MBA students visited the company. They learned the process of separating milk from impurities.

An industrial visit to 'Sagar Coffee Machinery' was organized on 29.10.2022. 60 II MBA students visited the company. They learned the first level coffee processing. In that process, they do pulping, washing and it is dried in sunlight and then processed to blending and powering.

A Workshop on 'Stock Market Operations and Emerging Trends in Securities' was organized on 02.11.2022. Dr.K.Prabhakaran, Director – Edify Ed – Tech, Trainer – SEBI, NCDEX & NCFE was the resource person.

An industrial visit to 'TEX VALLEY' was organized on 09.11.2022. 62 I MBA students visited the place. They learned that currently, the textile market has 500 odd brands, representing textile and allied industries, and is making a turnover of about Rs 750 Crores.

A two day workshop for I MBA students was organized on 10.11.2022. Jc.K.A.Gautham, Certified JCI Zone Trainer, Certified Counsellor in TA, ABLE Training Institute was the resource person.

An alumni interaction was organized for I MBA students on 18.11.2022. The seminar was taken by our Alumnus Mr.R.Sweenthiran, HR Executive PSG Hospital, Coimbatore. He interacted with the students on the topic 'Campus to Corporate'.

An intra department meet for I and II MBA students was organized on 30.11.2022. Events like Business Quiz, Business Plan, Best Manager, Ad-Zap and Talent Show were organized for the benefit of the students.

A Workshop on the topic 'Entrepreneurship Skill, Attitude and Behaviour Development' was organized on 16.12.2022. Shri.J.Thangavelraj, Business Education Consultant & Corporate Trainer, EEDISSIA, Erode & Dr.M.Mohanasundari, Associate Professor, DOMS, Kongu Engineering College, Perundurai were the resource persons.

An Industrial Visit 'Milky Mist' was organised for the I MBA students on 16.12.2022. 62 students visited the company. They learned that, the diary has developed a unique, transparent and robust milk procurement system to procure the best quality raw milk available and has tied up with 60,000 dairy farmers to procure 1.5 million liters of milk each day.

DEPARTMENT OF SCIENCE AND HUMANITIES

DEPARTMENT OF MATHEMATICS

Mathematics Colloquium of the Department of Mathematics celebrated the National Mathematics Day on 22.12.2022 to commemorate the 135th Birth Anniversary of Srinivasa Ramanujan. Thiru.S.D.Chandrasekar, Secretary and Correspondent presided over the function. The welcome speech was given by Dr.M.Eswaramurthi. Our Principal Dr.M.Jayaraman felicitated the programme. Dr. C. Radhika, Assistant Professor of Mathematics, VET Institute of Arts And Science (Co-Education) College, Thindal, Erode was the Chief Guest. She shared her thoughts and ideas on the topic 'Applications of Mathematics in Machine Learning and Data Science'.

DEPARTMENT OF ENGLISH

Dr. S. Hemalatha, Ms. B. S. Gomathi, Ms. V. Suguna, Ms.S.Tamilselvi, Ms.T.Sasikala, Ms.K.Ranjitham, Ms.M.Bharathi, and Ms.S.K. Aashika have organized a Three - Day International Conference on 'Trans - Ending Polarities' in collaboration with Vellalar College for Women and VET Institute of Arts and Science College, Erode from 23.11.2022 to 25.11.2022.

CLUB ACTIVITIES

Electoral Literacy Club

Electoral Literacy Club of VCET conducted a singing competition for creating Voter awareness on 18.11.2022. 13 students actively participated in it.

Green Club

Green club of VCET has conducted an awareness programme on the 'Importance of Soil Conservation' at Velalar College of Engineering and Technology on 05.12.2022 in connection with Soil Conservation Day. Thiru. S.D. Chandrasekar, Secretary and Correspondent has planted a sapling in the college campus. Dr. M. Jayaraman, Principal, Prof. P. Jayachandar, Dean, Dr. M. Eswaramurthi, HOD/ S&H, Green Club volunteers along with around 50 students and Mr. R. Balasubramanian, Green Club coordinator also participated in this programme.

Green club of VCET has conducted an awareness programme on the 'Importance of Energy Conservation' at Velalar College of Engineering and Technology on 14.12.2022 in connection with Energy Conservation Day. Dr. K.R. Valluvan, Controller of Examinations presented the importance of paper. Dr.M.Jayaraman, Principal, Prof. P. Jayachandar, Dean, Dr.M.Eswaramurthi, HOD/ S&H, Green Club volunteers along with around 200 students and Mr. R. Balasubramanian, Green Club coordinator also participated in this programme.

Youth Red Cross

Mahakavi Subramaniaya Bharathiyar's 141st Birth Anniversary falls on 11.12.2022. In connection with this, Makkal Sinthanai Peravai, Erode organised a rally at Karungalpalayam, Erode where the last speech of Subramania Bharathiyar's was delivered. 33 Youth Red Cross volunteers participated in this rally.

Yoga and Meditation Programme was conducted by Youth Red Cross of Velalar College of Engineering and Technology for the benefit of UG first year students on 15.12.2022 at L-Block II Floor Yoga and Meditation Hall. Acharya Amritaksharananda Avadhut Swamiji, Chief Yoga Trainer for South India from Ananda Marga Mission, Kolkatta trained the students. In this Yoga training 103 students benefitted.

Entrepreneurship Development Cell

EDC organized a workshop on 'Process of Innovation Development & Technology Readiness Level' (TRL)' & Commercialization of Lab Technologies & Tech – Transfer' on 14.10.2022. Mr. S.Naveen Kumar, Senior Lead Test Engineer, HCL Technologies, Chennai was the resource person.

EDC organized a workshop on 'My Story - Motivational Session' on 19.10.2022. Mr. Ajith Selvaraju, Founder & CEO, N'Kisi Training Institute, Salem was the resource person.

EDC organized a workshop on 'Problem Solving and Ideation' on 20.10.2022. Mr.K.Ramesh Babu, Automation Engineer, Caliber Embedded Technologies (P) Ltd., Coimbatore, was the resource person.

EDC Organized a webinar on 'Achieving Problem – Solution Fit and Product Market Fit' on 03.11.2022. Ms.Jilma Peruvankat, Co-Founder & CEO, Kozhnosys PVT Ltd. was the resource person.

Organized a workshop on 'Entrepreneurship Skill, Attitude and Behaviour Development' on 16.12.2022. Shri. J.Thangavel Raj, Business Education Consultant & Corporate Trainer, EEDISSIA, Erode & Dr. M.Mohanasundari, Associate Professor, DOMS, Kongu Engineering College, Perundurai, Erode were the resource persons.

Fine Arts Club

In view of Bharathiyar's Birth Anniversary, Tamil speech competition and Tamil poem writing competition are conducted by Fine Arts club from 08.12.2022 to 09.12.2022.

Rotaract Club

RC VCET and District Cabinets of R.I.D. 3203 have jointly organized an orientation programme on Structure of a Rotaract Club through Google Meet on 08.10.2022. Rtr.P.P.Manikandan Rangasamy, Trainer, RID 3203 delivered a special speech in the programme.

Discussion meeting regarding the responsibility of each office bearer and about the upcoming projects for the Office Bearers of the year 2022-2023 was conducted on 14.10.2022

Youth awakening day was celebrated in remembrance of the great missile man of India Dr.A.P.J Abdul Kalam on 15.10.22. On this special day the life story of Dr.A.P.J Abdul Kalam was explained through PPT and a video.

An event Save Trees by plugging the nails in and around Thindal on 16.10.2022 from 5.00 pm to 8.30pm was conducted to save tress for our upcoming generation.

To celebrate the birth anniversary of Iron Man of India Sri Sardar Vallabhbhai Jhaverbhai Patel, an event National Unity Day was observed by talking pledge and creating awareness was held on 31.10.2022

Vigilance Awareness Week was observed from 31.10.2022 to 06.11.2022 and a programme was held on 31.10.2022

Orientation meeting for the first year students was held on 10.11.2022. Our president Rtr.Navin Bharathi has explained the objectives, outcomes, vision and mission of Rotaract Club.

District Rotaract organisation has oraganized an INTER DISTRICT YOUTH EXCHANGE for the rotaractors to travel around the district beyond to learn about different cultures and make fellowship with the incoming idye team. The event was held at Bhavani Sangameswarar Temple, Bhavani from 11.11.2022 to 12.11.2022.

On the remembrance of Jawaharlal Nehru's birth anniversary as Children's Day, Play on Words was conducted for the Panchayat Union Elementary School students at Pichandampalayam on 14.11.2022.

Fun games for the school students of Panchayat Union Elementary School at Pichandampalayam was conducted on 14.11.2022 in view of Children's Day.

Computer Education Programme was conducted for the students of 1st std to 5th std at Panchayat Union Elementary School, Pichandampalayam on 14.11.2022.

A video on the importance of our traditional food was shot and the video was released on YouTube on 15.11.2022 at 6.00 pm. The event chair Rtr.Vasuki.J explained the features of traditional foods. More than 347 views and 300 likes were received for the video.

An event Paradise containing some fun games was conducted for the first year students was conducted on 18.11.2022 and herein the importance of the club was also explained.

The event 'THUIMAI THINDAL' was conducted on 19.11.2022. The programme was about the cleaning of the roadsides by picking up the plastics and making awareness for the public

Food Donation Camp was conducted for orphanage children of Open Door Mercy Home at Palapalayam on 20.11.2022.

Rotaract Club of VCET, Erode has organized an event named Billionaire Mindset at Palapalayam, Rotary CD Hall on 22.11.2022. The session was handled by A.Deepak Rajkumar

National Constitution Day was observed on 26.11.2022. On this special occasion, Dr.Jayaraman, Principal, addressed the students on 'INDIAN CONSTITUTION'. Prof.P.Jayachandar, Dean, and Dr.N.Thangaraj, Faculty Advisor, Rotaract Club, felicitated the gathering.

Navigation program through Google Meet was held on 26.11.2022 at 6:00 pm. The session was handled by DRR.Rtr.Sreevarshan and DRS.Rtr.Daranidharan.

Rotary Club VECT, Rotary Club of Erode, Thindal and Gobi jointly organized an event 'NAMMBA BHAVANI' a 4 year project which was started at Kodiveri falls on 05.12.2022.

Food was donated on 05.12.2022 for the needy people in and around P.S Park at Erode.

Makkal Sindhanai Pearavai conducted an event in the remembrance of Bharathiyar's birth anniversary. RCVECT participated in the event and handled the Bharathi Jothi by Rtr.Poovendran Assistant International service director and honor the chief guest. The event was held on 11.12.2022 at U.R.C Matriculation School, Erode.

Rotary club of Erode region has organized an event "NESAM" on 13.12.22 at Rotary CD Hall. The event was about suicide awareness. The event was handled by JC.HGF Dr.Vetrivel Viswanathan-Director Nesam Helpline, Erode and Dr.Jayaprakash Jagadeesan- Psychiatrist. Rotaractors of VCET participated and volunteered the event and joined in the helpline at the Nesam organization.

Aravind Eye hospital, Coimbatore conducted sponsors day event at Aravind Eye Care Hospital on 18.12.2022 from 09.00 am to 12.00pm. The event was about the sponsorships and about the upcoming events.

District Rotaract representative visited our club on 24.12.2022. Our President and Secretary submitted all club files and reports in the meeting. The meeting was handled by DRR.Rtr. Shreevarsan

Rotaract Club of VCET participated and co hosted the spectrum event. The event was held on 25.12.2022 at Kongu Polytechnic College, Seenapuram. The club has received 13 special awards and 15 recognitions.

Faculty Achievements
(Conferences / Workshops / Seminars / FDPs Attended / Papers Presented / Lectures / Key Note Address Delivered / NPTEL Programs Attended)

DEPARTMENT OF BIOMEDICAL ENGINEERING

Thirty two programmes were attended by faculty members in the Department of Biomedical Engineering.

Dr.Sudha presented a paper on 'Emerging Research in Electronics Computer Science and technology' at P.E.S. College of Engineering, Mandya from 26.12.2022 to 27.12.2022.

Dr.J.Rajalakshmi successfully completed the NPTEL course on 'Digital Image Processing' during October 2022.

Dr.S.Sudha completed the NPTEL course on 'Digital Image Processing' with Elite + Silver certification.

Mr.V.Loganathan and Mr.N.N.Baalakumar successfully completed the NPTEL course on 'Medical Image Analysis'.

Ms.P.Georgiachrisselwyna and Ms.S.Yamunadevi completed the NPTEL course on 'Electronic Systems for Cancer Diagnosis' with Elite + Silver certification.

Ms.A.Kalyani successfully completed the NPTEL course on 'Electronic Systems for Cancer Diagnosis'.

Ms.M.Sharmila and Ms.V.Saranya successfully completed the NPTEL course on 'Environmental Biotechnology'.

DEPARTMENT OF CIVIL ENGINEERING

Six programmes were attended by faculty members in the Department of Civil Engineering.

Dr.C.Karthik successfully completed the course on 'Design of Connections in Steel Structures' with Topper certificate during Aug-Sep 2022 conducted by IIT Madras.

Mr.S.Suresh and Mr.S.C.Sarath Kumar successfully completed the course on 'Design of Connections in Steel Structures' with Elite tag during Aug-Sep 2022 conducted by IIT Madras.

Mr.C.Pranesh successfully completed the course on 'GPS Surveying' with Topper +Silver tag certificate during Jul-Aug 2022 conducted by IIT Roorkee.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Fourty eight programmes were attended by faculty members in the Department of Computer Science and Engineering.

Dr.S.Russia, Dr.V.Kavitha, and Mr.S.Vivekanandan completed the NPTEL course on 'Accreditation And Outcome Based Learning' with Elite + Silver certificate during October 2022.

Mr.A.P.Gopu, Ms.R.Vishalakshi and Mr.R.Vidhya completed the NPTEL course on 'Accreditation And Outcome Based Learning' with Elite certification during October 2022.

Mr.S.Senthilnathan successfully completed the NPTEL course on 'Accreditation And Outcome Based Learning' during October 2022.

Dr.S.Sadesh successfully completed the NPTEL course on 'Internet of Things' with Elite certificate during October 2022.

Dr.R.Vijayarajeswari successfully completed the NPTEL course on 'Introduction to Machine Learning' during October 2022.

Dr.S.Sadesh presented a paper 'Home Automation System Using Nodemcu (ESP8266) in international conference on Advanced Communications and Machine Intelligence held at M.Kumarasamy College of Engineering, Karur from 09.12.2022 to 11.12.2022.

Dr.S.Kayalvili acted as resource person and delivered a guest lecture on 'Cloud Computing' for students at KSR Institute for Engineering and Technology on 07.11.2022.

Dr.S.Sadesh acted as resource person in the seminar on 'Information Retrieval Techniques' for students of JP college of Engineering, Tenkasi on 12.11.2022 through online.

Dr.S.Russia acted as a Chief Guest for Inaugural Function and delivered keynote address on 'Big Data Analytics' organized by the Department of CS, Annai Women's College, Karur on 07.10.2022

Dr.S.Russia acted as a resource person and delivered a guest lecture on 'Big Data Analytics' organized by the Department of CSE, Thamirabharani Engineering College, Tirunelveli on 05.12.2022 through online.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Fiften programmes were attended by faculty members in the Department of Electronics and Communication Engineering.

Mr.S.Ashwanth organized a Hands-On Training on 'Mobile and Laptop Service' at VCET from 17.10.22 to 21.10.2022.

Dr. S. Mahendra Kumar, Dr. S. Rajan, Mr. S. Pooranachandran and Ms.S.Yamuna acted as Resource personS in the 18th National Level Students' Technical Symposium conducted by VCET on 08.10.22.

Mr.R. Gopalan acted as coordinator of seminar on 'Problem Solving and Ideation' conducted by Velalar College of Engineering and Technology on 20.10.2022.

Ms. M. Shivaranjani delivered a Guest lecture on 'Network Simulator -2' conducted by VCET on 04.11.22.

Mr.K.K.Pradeep presented a paper 'Certain Investigations on Channel Utilization in MIMO system based on Antenna Selection' in the 'IEEE Mysuru Con 2022 2nd Edition of International Conference' conducted by JSS Science and Technology University, Mysuru partnered with Nitte Meenashi Institute of Technology, Bengaluru from16.10.22 to 17.10.22.

Dr. S. Rajan presented a paper at IEEE 9th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON) under the topic 'Atmospheric Monitoring and Fire Prevention Electronic System for Mining Workers', (IEEE Scopus Indexed Conference) at IIIT, Allahabad from 02.12.2022 to 04.12.2022.

Dr. M. Nisha Angeline, Dr.S.Rajan, Dr.M.Parimala Devi, Ms.P.Sathya, Mr.G.Boopathi Raja, Ms.P.Nandhini, Mr.K.K.Pradeep, Ms.C.Santhini and Mr.S.Ashwanth completed the NPTEL course on 'Accreditation and Outcome Based Learning'.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Three programmes were attended by faculty members in the Department of Electrical and Electronics Engineering.

Dr.C.Gokul, presented a paper in 9th IEEE UP Section Conference on Electrical, Computer and Electronics under the topic 'Atmospheric Monitoring and Fire Prevention Electronic System for Mining Workers', (IEEE Scopus Indexed Conference)" at IIIT Allahabad from 02.12.2022 to 04.12.2022.

Dr.C.Gokul, presented two papers in the International Conference on Smart Generation Computing, Communication and Networking under the topic 'The Corona virus Pandemic and the Transformation of Telehealth in the context of Artificial Intelligence' and 'Fruit Disease and Freshness Identification by Image Processing Method Using Raspberry Pi', (IEEE Scopus Indexed Conference) at Bengaluru on 23.12.2022.

Dr.C.Gokul received mentor certificate for the NPTEL course Principles of Management during July-December 2022.

Dr.C.Gokul received mentor certificate for the NPTEL course Introduction to Internet of Things during July-December 2022.

DEPARTMENT OF INFORMATION TECHNOLOGY

Fifty eight programmes were attended by faculty members in the Department of Information Technology.

Dr. V. K. Manavalasundaram acted as a resource person for the session, conducted by VET Institute of Arts and Science on 24.12.2022 and delivered a lecture on the topic 'Finding and Analysis'.

Dr. S. Rajalakshmi acted as a resource person for the session, conducted by HKBK College, Bangalore on 26.12.2022 and delivered a lecture on the topic 'Artificial Intelligence for Datascience'.

DEPARTMENT OF MECHANICAL ENGINEERING

Twenty FOUR programmes were attended by faculty members in the Department of Mechanical Engineering.

Dr. R. Kumaravelan delivered a guest lecture on 'National Energy Conservation Day' organized by VET Institute of Arts and Science, Thindal on 14.11.2022.

Dr. R. Kumaravelan delivered a guest lecture on 'Newer Initiatives in Higher Education' in the 2 day NAAC sponsored national seminar organized by Sri Ranganathar Institute of Engineering and Technology, Coimbatore on 17.12.2022.

Mr. A.T. Navin Prasad, Dr. R. Prakash, Dr. R. Kumaravelan presented a paper titled 'An Experimental Study on the Performance and Emission Characteristics of CI Engines using Bio-oil Blends from Moringa Oleifera' in ICRAMM 2022 on 08.12.2022 & 09.12.2022 organized by Velalar College of Engineering and Technology, Erode.

Mr. D. Senthil Kumar presented a paper titled 'Investigation of Vegetable Oil as Dielectric Fluid in Electric Discharge Machining' in ICRAMM 2022 on 08.12.2022 & 09.12.2022 organized Velalar College of Engineering and Technology, Erode.

Dr. S. Velumani has successfully completed the NPTEL course on 'Accreditation and Outcome based Learning' with Gold+Elite tag during August-October 2022.

Mr. K. Ramakrishnan has successfully completed the NPTEL course on 'Automation in Manufacturing' during July - October 2022.

DEPARTMENT OF MEDICAL ELECTRONICS

Four programmes were attended by faculty members in the Department of Medical Electronics.

DEPARTMENT OF MANAGEMENT STUDIES

Twelve programmes were attended by faculty members in the Department of Management Studies.

Dr.T.Vetrivel presented a paper in the International Virtual Conference on the topic, 'Chatbots Implemented Marketing in Food Delivery Apps using Artificial Intelligence' organized by VET Institute of Arts and Science College, Erode on 25.11.2022.

Dr.D.Muthukrishnaveni presented a paper in the National Seminar on the topic, 'An Analysis on Digital Payment Platform in India towards the COVID Situation' organized by Department of MBA, K.S.R. College of Engineering, Tiruchengode on 04.11.2022.

Dr.D.Muthukrishnaveni presented a paper in the International Virtual Conference on the topic, 'The Impact of Artificial Intelligence towards HRM with special reference to Private Sector Banks - A Conceptual Study' organized by VET Institute of Arts and Science College, Erode on 25.11.2022.

Dr.S.Kumar presented a paper in the National Seminar on the topic, 'Factors Influencing the Value of Crypocurrency and Study on Bitcoin in India with Comparison of Gold and Bitcoin' organized by Department of MBA at K.S.R College of Engineering, Tiruchencode on 04.11.2022.

Dr.S.Kumar presented a paper in the International virtual conference on the topic, 'An Analysis on Artificial Intelligence Tools in Education with Special Reference to online Education Platforms' organized by School of Commerce, VET Institute of Arts and Science College, Erode on 25.11.2022.

Dr.S.Kumar presented a paper in the International virtual conference on the topic, 'The Impact of Artificial Intelligence towards Digital Marketing in India' organized by School of Commerce, VET Institute of Arts and Science College, Erode on 25.11.2022.

Dr.K.T.Kalaiselvi presented a paper in the National Seminar on the topic, 'Misleading Advertisements and their Impact on Consumers' Trust level' organized by Department of MBA, K.S.R College of Engineering, Tiruchencode on 04.11.2022.

Dr.A.Kannammal presented a paper in the National Seminar on the topic, 'Consumer Satisfaction in Digital Marketing' organized by Department of MBA, K.S.R College of Engineering, Tiruchencode on 04.11.2022.

Dr.N.Balachandran presented a paper in the National Seminar on the topic, 'A Study on Customer Satisfaction on Digital Marketing' organized by Department of MBA, K.S.R College of Engineering, Tiruchencode on 04.11.2022.

Dr.N.Balachandran and Ms.L.Rasigapriya presented a paper in the International virtual conference on the topic, 'Artificial Intelligence in Indian Defence towards Introduction of Robotics by Bharat Electronics Limited' organized by School of Commerce, VET Institute of Arts and Science College, Erode on 25.11.2022.

DEPARTMENT OF MATHEMATICS

Ten programmes were attended by faculty members in the Department of Mathematics.

Dr.C.S.Gowri has acted as a Resource person and delivered a Guest Lecture on 'Problem Solving Skills in Complex Analysis' in Ramanujan Day Celebration organized by Department of Mathematics, Velalar College for Women on 22.12.2022.

Dr.M.Eswaramurthi has presented a paper entitled ' Treatment of Textile Dyeing Wastewater Using a Low-Cost Adsorbent' in the 2022 Fourth International Conference on 'Recent Advances in Materials and Manufacturing' organized by the Department of Mechanical Engineering, Velalar College of Engineering and Technology on 08.12.2022 and 09.12.2022.

DEPARTMENT OF PHYSICS

Six programmes were attended by faculty members in the Department of Physics.

Dr.Deepa Jananakumar and Dr.S.Devi participated and presented a paper titled 'Growth and Characterization of Oxalic acid Doped Guanidine Carbonate Single Crystal' in the Fourth International Conference on Recent Advances in Materials and Manufacturing organized by Department of Mechanical Engineering, Velalar College of Engineering and Technology from 08.12.2022 to 09.12.2022.

DEPARTMENT OF CHEMISTRY

Two programmes were attended by faculty members in the Department of Chemistry.

Dr. S. Kalaiselvi presented a paper entitled 'Treatment of Textile Dyeing Wastewater Using a Low-Cost Adsorbent' in the 2022 Fourth International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2022) held on 08.12.2022 at the Department of Mechanical Engineering, Velalar College of Engineering and Technology, Erode.

Dr.K.Manikandan and M.Gowri participated and presented a paper entitled 'Synthesis and the Structural, Morphological, Optical Studies of Pure and w-Doped tio2 Nanoparticles and their Cytotoxicity and Anticancer Activity Study" in two days National level conference on Advanced Materials for Stragetic Application and Sustainable Future (AMSAS-2022) sponsored by Defence Research and Development Organisation (DRDO) conducted by Department of Chemistry, KPR Institute of Engineering and Technology, Coimbatore on 16th and 17th December 2022.

DEPARTMENT OF ENGLISH

Seven programmes were attended by faculty members in the Department of English.

Ms. K. Ranjitham and Ms. M. Bharathi attended a one day national conference on 'An Aura of Literature' on 17.10.2022 organized by Kongu Arts and Science College, Erode.

Dr. S. Hemalatha, Ms. B. S. Gomathi, Ms. V. Suguna, Ms. S. Tamil selvi, Ms.T.Sasikala, Ms. K. Ranjitham, Ms.M.Bharathi, and Ms. S.K.Aashika attended a Three- Day International Conference on 'Trans – Ending Polarities' organized by Vellalar College for Women, Velalar College of Engineering and Technology and VET Institute of Arts and Science College from 23.11.2022 to 25.11.2022.

Ms. V. Suguna presented a paper titled 'Lenny's Loss of a Chunk of her Childhood through Partition: A Study of Bapsi Sidhwa's Ice – Candy Man' from 10.11.2022 to 11.11.2022 organized by VIT, Chennai.

Dr. S. Hemalatha presented a paper on 'Translation Studies' from 23.11.2022 to 25.11.2022 organized by Vellalar College for Women, Erode

Dr. S. Hemalatha & Ms. B. S. Gomathi presented a paper on 'The Potential of Technology for Language Learning' from 24.11.2022 to 25.11.2022 organized by Srimad Andavar Arts and Science College.

DEPARTMENT OF GENERAL ENGINEERING

Dr. M. Govinda Rajan has successfully completed the NPTEL course on 'Internet of Things' during July - October 2022.

Research Activities
(Journal Publications / Patents / Copy Rights by Faculty Members)

DEPARTMENT OF BIOMEDICAL ENGINEERING

Dr.S.Mangai, 'Automated Prediction System for Alzheimer Detection based on Deep Residual Auto Encoder and Support Vector Machine', Optik, Volume 272, ISSN 0030 4026, https:// doi.org/10.1016/j.ijleo.2022.170212.

Dr.S.K.Manikandan got a grant for the work titled as 'Architecture to Develop Multipliers for High Speed Computing Applications' with Patent No.:411731 by the Government of India on 17.11.2022.

DEPARTMENT OF CIVIL ENGINEERING

Dr.C.Karthik published a paper on 'Cold-formed Ferritic Stainless Steel Closed-section built-up Beams: Tests and Flexural Response' Thin walled structures, Elsevier, ISSN0263-8231., July 2022.

Dr.E.Ravi published a Patent on 'A Method for Preparation of Laterite Soil and Cement Based Composite Block' on 02.12.2022 (Indian Patent application No.202241073389)

Dr.C.Karthik published a Patent on 'A Method for Preparation of Laterite Soil and Cement Based Composite Block' on 30.12.2022 (Indian Patent application No.202231066671A)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr.S.Russia published a paper on '5G-Enabled Medical Data Transmission in Modern Mobile Hospital Systems using IoT' International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), e-ISSN:2319-8753, p-ISSN:2347-6710, Volume 11 Issue 11, November 2022.

Dr.S.Gokulraj published a paper on "A Review Analysis Of Attack Detection Using Various Methodologies In Network Security" Journal of Pharmaceutical Negative Results, ISSN: Print -0976-9234, Online - 2229-7723, Volume13, Issue4, December 2022, DOI: https://doi.org/10.47750/pnr.2022.13.04.223

Dr.S.Gokulraj published a paper on 'Efficient Data Integrity with Provable Data Possession Based Cryptographic Technique for Cloud Storage' International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), e-ISSN:2319-8753, p-ISSN:2347-6710, Volume 11 Issue 11, November 2022, DOI:10.15680/IJIRSET.2022.111149.

Dr.S.Sadesh published a paper on 'Fake Review Reduction using Machine Learning Techniques' International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), e-ISSN:2319-8753, p-ISSN:2347-6710, Volume 11 Issue 11, November 2022.

Dr.S.Kayalvili published a patent titled 'An augmented reality screen system and augmented reality screen display method' on 11.11.2022 with application number 202221062458A.

Dr.S. Sadesh published a patent titled 'Android based quiz applications' on 14.10.2022 with application number 202244053681A

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr. S. Mahendra Kumar, 'A Traffic Density-Based Congestion Control Method for VANETs', Wireless Communications and Mobile Computing, ISSN: 1530-8669, Vol 2022, Article ID 7551535, Page No1-14, October 2022.

Ms.M. Shivaranjani, 'On Minimizing TCP Traffic Congestion in Vehicular Internet of Things (VIoT)', Wireless Personal Communications, Electronic 1572-834X Print ISSN0929-6212, Page No 1-21, October 2022.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr.C, Gokul, Dr.K.Vanchinathan, 'Design and Development of Solar Photovoltaic Fed Modular Multilevel Inverter Using Intelligent Techniques for Renewable Energy Applications', Journal of Intelligent & Fuzzy Systems, pp. 1-15, 2022 DOI: 10.3233/JIFS-220190, Published: 19 October 2022.

Dr.C, Gokul, Dr.K.Vanchinathan, 'A Novel Design Methodology and Numerical Simulation of BLDC Motor for Power Loss Reduction. Applied Sciences, 12(20), 10596, Volume: 12, issue: 20,https://doi.org/10.3390/app122010596, Published on 20 October 2022.

Dr.C, Gokul, 'A Traffic Density-Based Congestion Control Method for VANETs, Wireless Communications and Mobile Computing', Volume 2022 Article ID 7551535 https://doi.org/10.1155/2022/75515352022, Published on 26 October 2022.

Dr.K. Vanchinathan, Dr.C. Gokul, 'Numerical Simulation and Experimental Verification of Fractional - Order PIλ Controller for Solar PV Fed Sensor less Brushless DC Motor using Whale Optimization Algorithm', Electric Power Components and Systems, Volume:50, Issue:1-2, pp:64-80, DOI: 10.1080/15325008.2022.2135644, published online on 28 October 2022.

Dr.C, Gokul, Dr.K.Vanchinathan, 'Test Scheduling and Test Time Minimization of System-on-Chip Using Modified BAT Algorithm', IEEE Access, Volume:10, 126199-126216. Published on 28 November 2022.

DEPARTMENT OF INFORMATION TECHNOLOGY

Dr R. Menaka, Ms. M. Gowthami, Ms. E. Sudha, Ms. M. Ramya, Ms. K. Nevedha, Ms. T. Saranya published a patent titled, 'Raspberry Pi based Intelligent Reader Device for Visually Impaired People Pytesseract and Open CV Libraries' Application No.202241061844 A, Date of filing of Application :31.10.2022, Publication Date : 11.11.2022

DEPARTMENT OF MECHANICAL ENGINEERING

Mr. A.T. Navin Prasad, R. Prakash, 'A Review on materials and methods used to improve absorption and condensation on the solar desalination process, Journal of Advanced Mechanical Sciences (JAMS) Vol.1, Issue 4, pp.114-124, December 2022. (e-ISSN: 2583-3790)

Dr.S.Velumani 'Design and Development of a Low-Cost Handheld Vacuum Cleaner, International Journal of Trend in Scientific Research and Development (IJTSRD), Vol.6, Issue 7, pp.639-644, December 2022. (e-ISSN: 2456 – 6470)

Dr. S. Velumani has filed copyright on "Machining Processes Laboratory- Laboratory Manual"on 21.11.2022.

Dr. S. Velumani has published Patent on "An Autonomous Intelligent Lightweight Robot for Health Care Monitoring" on 09.12.2022.

DEPARTMENT OF MANAGEMENT STUDIES

Dr.T.Vetrivel and Dr.D.Muthukrishnaveni published a paper on 'Digital Payment System after Covid – 19', in International Journal of Humanities, Law and Social Sciences, UGC CARE Approved, Group I, Peer Reviewed and Referred Journal Vol.09, Issue No.2, pp 75-78, December' 2022.

Dr.K.T.Kalaiselvi published a paper on "Emerging Career Opportunities for Youth in Digital Marketing During New Normal Life", in International Journal of Humanities, Law and Social Sciences, UGC CARE Approved, Group I, Peer Reviewed and Referred Journal Vol.09, Issue No.2, pp 73-74, December' 2022.

Dr.T.Vetrivel , Dr.D.Muthukrishnaveni , Dr.S.Kumar and Dr.A.Kannammal has published a patent titled "An Evaluation of ML Techniques for Human Resource Management and Sustainable Development". Patent Filed No: 46/2022 Dated 18/11/2022.

DEPARTMENT OF CHEMISTRY

Ms. M. Priya 'Comparative Investigation of Thermodynamic Parameters of Seafood Waste as an Inhibitor for Mild Steel Corrosion in Varied Acidic Concentration' ORIENTAL JOURNAL OF CHEMISTRY, 2022, Vol. 38, No.(5):Pg. 1290-1295

Awards / Recognitions

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. R. Kumaravelan has acted as an organizing chair for "2022 Fourth International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2022)" on 08.12.2022 & 09.12.2022.

Dr. S. Velumani, Dr. R. Prakash, Mr. K. Ramakrishnan, Mr. M. Gopi, Mr. D. Senthil Kumar, Mr. D. Kesavan, Mr. T.C.R. Dinesh, Mr. V. Mohankumar, Mr. S. Arun Kumar, Mr. A.T. Navin Prasad, Mr. S. Karvendhan, Mr. A. Manojkumar, Mr. E. Ajaikumar and Mr. G. Raja has acted as a session chair for "2022 Fourth International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2022)"on 08.12.2022 & 09.12.2022.

GLIMPSES OF VARIOUS ACTIVITIES

**18th National Level Students'
Technical Symposium on 08.10.2022
(Department of Civil, CSE, ECE, MDE)**

**An Awareness Programme on the Importance of
Energy Conservation on 14.12.2022
in connection with Energy Conservation Day.**

**In connection with 141st Birth Anniversary of
Mahakavi Subramaniaya Bharathiyar, a rally at
Karungalpalayam, Erode, where he
delivered his last speech.**

**Mr.Ajith Selvaraju, Founder & CEO,
N'Kisi Training Institute, Salem, motivating the
students during the workshop titled 'My Story -
Motivational Session' on 19.10.2022 organised by EDC.**

**Tamil poem writing competition
conducted by Fine Arts Club**

**Students taking pledge on
National Unity Day which was observed
to celebrate the birth anniversary of the Iron Man of India
Sri Sardar Vallabhbhai Jhaverbhai Patel**

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

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