



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

Accredited by NAAC with 'A+' Grade & Accredited by NBA

Thindal, Erode – 638 012

Newsletter

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MESSAGE FROM THE PRINCIPAL

“Education is not the learning of facts, but the training of the mind to think.”- Albert Einstein

It is a great pride and pleasure to reminisce the glory of achievements and set forth the targets for accomplishments in the abounding opportunities prevailed. Our institution offers quality value based education with the benevolence of humanity and career guidance. The pedagogical values and human ethical values go in hand for the transformation of society. The amenities provided in academic and non-academic realms resulted in tremendous progress that has been well reckoned through the meritorious intellectuals possessed by well-established concerns. This learning platform would convert the ever-longing thoughts into ever cherishing deeds. The aspired budding engineers with the experienced and dedicated faculty members and excellent infrastructure would empower to attain their goals in life.

I am hopeful that this small piece of technical work shall not only develop the taste for reading among students but also develop a sense belonging to the institution as well.

I would like to be grateful to the VCET family for the relentless support and co-operation in every field that would motivate to acclaim with superficiality in the circle of academia. I congratulate the students for their efforts and wish them great success in all their endeavours.



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

Department of BME in association with IEEE student branch - VCET & EMBS student chapter organized the valedictory function on 03.02.2023.

IEEE student branch - VCET in association with EMBS student chapter organized a Workshop on 'IEEE XPLORE Digital Library Training Program' on 08.02.2023. Mr.Nanda Lal T S, Senior Training Manager, EBSCO Information Services & IEEE was the resource person and the chief guest.

In association with IEEE, the department organized the fifth International Conference on 'Electrical, Computer and Communication Technology' from 22.02.2023 to 24.02.2023. Prof. Dr. Muhammad Usman, Edge Hill University, UK was the resource person and the chief guest. 18th National level Technical Symposium was held on 24.02.2023.

IEEE inaugural function and guest lecture was organized on 10.03.2023. Dr.K.Porkumaran, Chairman, IEEE Madras Section, Principal & Professor Sri Sairam Engineering College, Chennai and Dr.K.B.Jayanthi, Chair of IEEE EMB Society of Madras Section, Dean-School of Electrical Sciences, KSR College of Technology, Tiruchengode were the resource persons.

5 final year Biomedical Engineering students got dual offers. 17 students got placement in Health Watch, Chennai & 9 students in Episource Private Limited, Chennai.

Ms. Indhumathi R, Neseeka S, Pradhoshini N, Sindhu R and Tamilselvan M have received TNSCST student project scheme for Rs.7500 for the project titled 'Smart Cradle System for Child Monitoring using IoT' for the academic year 2022-23.

23 students attended an International Conference on 'Smart Wearable Calf Muscle Band for Spasticity using Vibration with Web Application' at Paavai Engineering College, Namakkal on 17.03.23.

10 students attended an International Conference on 'Engineering, Technology and Science' at Muthayammal College of Engineering, Namakkal on 31.03.2023.

Nazeeha M S, Pavithrashree K, Riswanth S and Vishnu M K attended an International Conference on 'Design and Development of Wearable Smart Airbag with Protection and Notification System' at RSP Conference Hub, Tamilnadu from 25.03.23 to 26.03.23.

Janani G K, Jaya Viveka B, Mahesh Kumar M of final year BME have won 'Elite + Gold' certification for the NPTEL course 'Introduction to Cognitive Psychology'. 10 students have completed the course with 'Elite + Silver' certification, 5 students with 'Elite' and 3 students have completed the course successfully.

Third year students underwent hospital training at Senthil Multi-Speciality Hospital, Erode from 28.12.2022 to 05.01.2023.

Third year students participated in various events organized by E Madras Hub Congress, Coimbatore in association with IEEE.

103 students of second year underwent industrial training at Cyrix Healthcare, Kerala on 04.03.2023.

Vishnu Kumar K, Ram Chandar S K, Sowmiya S and Sneka R of third year BME participated in PALSat IIT, Madras on 24.03.2023.

Amruthavarshini B and Keerthana A of third year BME presented a paper and won the 1st Prize at Karpagam Institute of Technology, Coimbatore on 04.03.2023.

DEPARTMENT OF CIVIL ENGINEERING



A guest lecture on the topic 'Innovation and Entrepreneurship Outreach Program' was conducted on 24.01.2023. Mr.S.Logeshkumar, Administrative Officer, VET Institute of Arts and Science College, Thindal, Erode was the chief guest and shared his experience.

A guest lecture on the topic 'Civil Engineering Entrepreneurship: Construction Management Techniques and Tools' was conducted on 06.02.2023. Mr. Muruganatham K, Managing Director, Industrial Based Educational Training, Erode was the resource person and delivered the lecture.

The department student association RACE organized an interdepartmental function on 18.02.2023. Technical events like paper presentation, model making, CADD contest and technical quiz were organized and 104 students were benefitted.

The survey camp for fourth semester students (2021-2025 Batch) was conducted from 25.05.2022 to 27.05.2022 at Arasannamalai, Near Vijamangalam and Nasiyanur village Erode. During the camp, various types of surveying like Triangulation survey, Block Contouring, Radial contouring, Longitudinal and Cross surveying of roads and digital surveying using Advanced Total Station survey and GIS was carried out.

Mr.S.Ramesh Kumar had received a grant of Rs. 7500/- from Tamil Nadu State Council for Science and Technology (TNSCST) for the project titled 'An Experimental Study on Properties of High Strength Concrete Using Mineral Admixtures and Copper Slag'.

Twenty three students from final year (Batch: 2019-23) received placement in various companies namely M/s Ramalingam Construction Company, M/s Lotus Construction, Erode, M/s Future Planners, Sathy, Erode, M/s Balamurugan Associates, Erode, M/s Milekal, M/s Future Planners, M/s Awe Care Erode, and M/s AP Associates.

An industrial visit was arranged for the 2nd year students to Cochin Harbour, Cochin, Kerala to look at the port structures and its layout on 10.03.2023.

Twenty three students from final year (Batch: 2019-23) underwent an internship training for the period of three months from Jan to Mar-2023 in various companies namely M/s. AK Constructions, Coimbatore, M/s. SK Constructions, Perundurai, M/s. AP Associates, Perundurai, M/s. SDM Builders, Chithode, M/s. Ramalingam Construction Company Pvt. Ltd., Erode, M/s. Lotus Construction, Erode, M/s. Clay Mount Builders, M/s. Neyveli Lignite Corporation, Neyveli, M/s. Future Planners, Sathy and PWD Office, Ukkadam, Coimbatore.

Arun Kumar A, Abivaratharajan I R, Maheswaran P and Navin Bharathi P of third year presented their project on 'My Idea, My India' contest held at Velammal College of Engineering and Technology, Madurai on 14.02.2023.

Thirteen students of third year participated in paper presentation and workshop conducted by College of Engineering, Guindy, Anna University, Chennai-25 from 02.03.2023 to 04.03.2023.

Arunramanan V, Guna T, Sowmiya R and Vidhya Bharathi S presented their paper in the national conference and exhibition on 'Rural Innovations' organized by Unnat Bharat Abhiyan, SSM College of Engineering and Technology, Dindigul on 25.03.2023.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr.S.Gokulraj and Dr.V.Latha Jothi organized AICTE recognized Faculty Development Programme on 'Curriculum Design for Developing Job related Competencies' conducted by Curriculum Development Centre, Department of NITTTR, Chandigarh from 09.01.2023 to 13.01.2023.

Dr.S.Sadesh and Mr.A.P.Gopu organized AICTE recognized Faculty Development Programme on 'Online Learning and Evaluation' conducted by Education and Educational Management, Department of NITTTR, Chandigarh from 20.03.2023 to 24.03.2023.

Association of CSE 'MAGNUMOPUS' organized 'Debug to Unlock' event on 04.02.2023 and organized a hands on training on 'Automation Testing using selenium' on 21.01.2023.

The association also organized an Intra-Department meet on 07.03.2023 and organized a Workshop on 'Flutter App Development' on 01.03.2023 and 02.03.2023.

Placement orientation program on 'How to Plan and Prepare for Campus Interviews' was conducted for pre-final year students on 16.03.2023 by Dr.S.Gokulraj, Placement Coordinator, Dept of CSE.

04 students got placement in Mphasis, CTC offer of 3.5 lakhs per annum.

04 students got placement in Imatiz Technologies, CTC offer of 2.0 lakhs per annum.

03 students got placement in Mitsuba India Pvt Ltd, CTC offer of 2.0 lakhs per annum.

02 students got placement in Daxfo Technology, CTC offer of 3.0 lakhs per annum.

01 student got placement in Econ Systems India Pvt Ltd, CTC offer of 3.5 lakhs per annum.

Devasri and Sriramkumar T of third year CSE participated in NCC camp conducted by VET Institute of Arts and Science from 03.01.2023 to 10.01.2023.

Shanmugapiya B J and Sudharsana S of third year CSE presented a paper at M.P.Nachimuthu M Jaganathan Engineering College, Chennai on 03.03.2023.

Shanmugapiya B J of third year CSE presented a paper at Vivekanadha College of Technology for Women, Tiruchengode on 02.03.2023.

Raswanth M R and Sharmatha V of third year CSE presented a paper at Sri Ramakrishna Engineering College, Coimbatore on 16.03.2023.

Raswanth M R, Sharmatha V, Sowndarya S, Subhiksha D and Vani S L of third year CSE presented a paper at Sri Ramakrishna Institute of Technology, Coimbatore on 09.02.2023.

Kanimozhi S, Akshay Kumar R G, Harinisha E M, Kowshik M K, Abirami R, Lakshimpriya N, Balaganesh M and Kaviyadharsini K of third year CSE attended a seminar on the topic 'AI for Indian Defense' at Kongu Engineering College from 03.03.2023 to 4.03.2023.

15 students attended internship training in various companies.

'Data Pirates Club' of the department organized 'Princes' event on 30.03.2023.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A seminar on 'Ethical Hacking' was conducted on 21.01.2023 for the second year ECE students.

A seminar on 'PCB Design and Manufacturing' was conducted on 04.02.2023 for the second year ECE students.

A seminar on 'Building Your Own EV' was conducted on 07.03.2023 for the second year ECE students.

36 students of final year ECE have attended campus drive by M/s Avalon Technologies, Chennai on 06.01.2023 and Harshavarthini A and Chandrakeerthi R got placement in it.

44 final year students have attended campus recruitment drive by M/s Suresoft Systems Pvt, Ltd, Pondicherry on 28.01.2023 and Shree Janani. S.M got placement in it.

60 final year students have attended campus recruitment drive by M/s FACE Prep, Coimbatore on 12.02.2023 and Kaarunya CR, Vaishnavi S got placement in it.

All 3rd year ECE students have attended Soft Skills training by Mr. Sridhar on 21.02.2023 and 22.03.2023.

65 final year students have attended Virtual Campus recruitment drive by M/s Mphasis, Bangalore on 22.02.2023 and Dev Prasath R P, Harini M, Jayanthi S V, Kaarunya C R, Padma Banu G K, Selvasanthosh M and Shalini. M got placement in it.

All 3rd year ECE students have attended an orientation program by FACE Academy on 03.03.2023.

55 final year students have attended Virtual Campus recruitment drive by M/s Sonata Software, Chennai on 17.03.2023 and 6 students got shortlisted for the next round.

56 students of final ECE have attended virtual campus drive by M/s Imatiz, Bangalore on 21.03.2023 and Deeparanjini R, Harini M, Karthi Keyan M, Renuga V and Sneka J got placement in it.

139 students of pre-final ECE have attended virtual campus drive by M/s GUVI, Chennai on 23.03.2023.

26 students of final ECE have attended virtual campus drive by M/s Jasmine Infotech Pvt Ltd, Chennai on 28.03.2023.

Totally 24 students participated in various events organized in other institutions from January to March 2023 which includes 2 awards in paper presentation, 1 award in project exhibition and 2 awards in other events.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

A Seminar on PLC Automation was conducted on 30.01.2023. Mr. B.Praveendass, Chief Executive officer, L&P Renewable System Integrator, Erode was the chief guest of this function. 100 students and faculty members were benefitted from this programme.

A Hands- on-Training on 'Smart Mobile Servicing and Troubleshooting' was conducted from 01.02.2023 to 02.02.2023. Mr.B. Krishna Kumar, Managing Director, New Technology Mobile Service & Training Centre, Coimbatore was the trainer of this function. Totally 54 students were benefitted by the course.

18th National level Technical Symposium (ELECTROIKA 2023) was held on 24.02.2023. Mr.M.Sathish Kumar, Vice President–Clinical Engineering, Narayana Health, Corporate office, Bangalore was the chief guest of this function. 30 papers were received, out of which 20 papers of 40 students were selected from various colleges.



One student got placement in Mphasis Technologies and 38 students got placement in Lakshmi Electrical Control systems, Coimbatore.

Mr.N.Sathish, Mr.V.S.Barath, Ms.S.Archana and Ms.T.Subhashree, presented the project 'A Novel Motorless Solar Tracking System using Tetrafluoroethane', at IIT Madras on 24.03.2023.

DEPARTMENT OF INFORMATION TECHNOLOGY

A Seminar on 'Awareness Programme on Competitive Exam' was conducted on 12.01.2023 for the benefit of third year students.

A Seminar on 'Full Stack Development' was conducted on 25.01.2023 for the benefit of third year students.

A Hands-on training on 'Data visualization using Python' was conducted on 16.02.2023 for the benefit of third year students.

18th National Level Technical Symposium was conducted on 24.02.2023 for the benefit of students.

A Guest Lecture on 'Deep Dive into Data Analytics using Automated Machine Learning' was conducted on 18.03.2023 for the benefit of third year students.

A Workshop series on 'Fullstack Development Using Php' was conducted from 27.03.2023 to 03.04.2023 for the benefit of third year students.

Balaji K and Kavishnavi of final year got placement in Cratoflow.

Janani A of final year got placement in Suresoft.

Kathirvel S, Manjusri V P, Selvendaran S, Tamil Priya T S, Tamilselvi and Vinitha S of final year got placement in Mphasis.

Mourees S of final year got placement in Infiniti Software Solutions.

Placement Orientation Program was conducted on 09.03.2023 and third year students got benefitted.

Manju S of third year attended an Online workshop on 'Live Industrial Program on Trending Technologies and Development' conducted by Coincent on 27.02.2023.

Anbulalitha G K, Sandhya M, Sindhu T E, Soundhariya C, Sri Nivetha S, Srisudhan L, Subashri M, Supreeta S, Suriya B S and Tharani V of third year attended an Online workshop on 'Startup Journey and Product Development' conducted by Coimbatore Institute of Technology on 11.03.2023.

Amirtha S, Anbulalitha G K, Dhanish S, Dinesh V C, Harish C and Keerthana M of third year attended a workshop on 'Ethical Hacking' conducted by VSB Engineering College on 03.03.2023.



Devadharshini V, Kamathchi E, Kanishka S and Logeshwari S of third year attended a workshop on 'MIT Mobile App Inventor for Rapid Prototyping' conducted by Karpagam College of Engineering on 03.03.2023.

Sandhya M of third year attended and completed an online training 'Java Training' conducted by Besant Technologies on 10.01.2023.

Sindhu T E of third year attended and completed an online training 'Java Basics and Problem Solving' conducted by Hacker Rank on 16.01.2023.

Srisudhan L of third year attended and completed an online training 'Flutter-A Beginners Course' conducted by Infosys Springboard on 21.02.2023.

Srisudhan L of third year attended and completed online training programs on 'Java Script', 'React+Redux' and 'Tech For Everyone' conducted by Solo Learn on 08.03.2023, 12.03.2023 and 13.03.2023 respectively.

Srisudhan L of third year attended and completed an online training 'Developing Cloud Apps with Node JS and React' conducted by IBM on 10.03.2023

Srisudhan L of third year attended and completed an online training 'AWS Cloud Quest: Cloud Practitioner' conducted by AWS on 25.03.2023.

Kaarthiga K, Kaviyakeerthana R and Hemavarshini R E of second year attended and completed an online Course 'Frontend Web Development using Java Script and React JS' conducted by AWS from 8.02.2023 to 15.02.2023.

Satya K, Monisha B and Roshini B of second year presented a paper on '5G Technologies' conducted by Vivekandha College for Women on 03.02.2023.

Saranyadevi S and Vasunthra S of second year presented a paper on 'Chat GPT' conducted by Kongu Engineering College on 03.03.2023.

Abishek J L of second year presented a paper on 'Cloud Computing' conducted by Kongu Engineering College on 03.03.2023.

Mahadevan N of second year presented a paper on 'Basics of Ethical Hacking' conducted by Kongu Engineering College on 03.03.2023.

Amirtha S and Anbulalitha G K of third year presented a paper on 'Virtual Reality and Augmented Reality' conducted by VSB Engineering College on 03.03.2023.

Dhanish S, Dinesh V C and Harish C of third year presented a paper on 'Business Intelligence' conducted by VSB Engineering College on 03.03.2023.

Elango R and Logeshwaran T of third year presented paper on 'Object Recognition' conducted by Kongu Engineering College on 03.03.2023.

Jagadeesh G of third year presented a paper on 'IoT Smart Agriculture' conducted by Kongu Engineering College on 03.03.2023.

Harish K and Kanishka D of third year presented a paper on 'Phishing Attacks' conducted by Shree Venkateshwara Hi-Tech Engineering College on 04.03.2023.

Poorani T and Srinandhini R S of third year presented paper on 'Chat GPT' conducted by VSB Engineering College on 04.03.2023.

Inika M, Sowndhariya S and Suwetha R of third year presented a paper on 'End to End Solution for farmers' conducted by Shree Venkateshwara Hi-Tech Engineering College on 04.03.2023.

Poornisha K and Sowndhariya S of third year presented paper on 'Blue Eye Technology' conducted by Shree Venkateshwara Hi-Tech Engineering College on 04.03.2023.

Mugila S P of third year presented a paper on 'Full Stack Development' conducted by Kongu Engineering College on 10.03.2023.

Anbulalitha G K and Madhumitha S of third year presented a paper on 'Virtual Reality and Augmented Reality' conducted by Kongu Engineering College on 16.03.2023.

Hemalatha S and Kanishka M of second year presented a paper on 'Artificial Intelligence' and got first prize conducted by Kongu Engineering College on 30.03.2023.

Nithya L and Nivetha M R of third year presented a paper on 'Phishing Attacks' conducted by Kongu Engineering College on 31.03.2023.

Swathi M and Tharani J K of third year presented a paper on 'Skinput Technologies' conducted by Kongu Engineering College on 31.03.2023.

Jaishree K S, Aiswarya S, Harshitha S S and Lakshana R of second year participated in the technical event – Code Debugging conducted by Karpagam College of Technology on 17.02.2023.

Dinesh V C of third year participated in the technical event - Tech Talk on Chat GPT conducted by VSB Engineering College on 03.03.2023.

Sree Abinaya P and Vaithees T of second year participated in the speech contest conducted by Erode Lions Club on 28.01.2023.

Satya K, Monisha B and Roshini B of second year participated in the Multimedia event and secured the first prize conducted by Vivekanandha College of Engineering for Women on 03.02.2023.

Monisha B of second year participated in Brain Tester event conducted by Vivekanandha College of Engineering for Women on 03.02.2023.

Hemalatha S, Abishek J L, Amirtha G and Mahadevan N of second year participated in ADZAP event conducted by Kongu Engineering College on 03.03.2023.

Amirtha S, Dinesh V C and Dhanish S of third year participated the Non-Technical Events and got first prize conducted by VSB Engineering College on 03.03.2023.

Rimitha M of second year participated in 'Women Can 2.0' conducted by AIC Raise on 08.03.2023.

DEPARTMENT OF MECHANICAL ENGINEERING



As a part of curriculum enrichment, a guest lecture was organized on 'Design Practice Using CATIA' on 10.02.2023 (FN) for the second year students. Mr. Livingston, Sr. Design Engineer, SAN Technovation, Perundurai was the guest speaker. In his lecture, he clearly explained the roles of design engineers in industry, basics of CAD and the importance of CATIA software.

An interaction session on 'Team Building in a Start-up' was organized on 22.02.2023. Mr.S.Raghul, Engineer, EFKON India Pvt Ltd, Maharashtra, was the resource person, who is also our renowned alumni of 2015-19 batch. He interacted with first year students about the benefits of team building, communication, planning skills, employee motivation, and employee collaboration.

A two day workshop on MEP-HVAC was organized from 27.03.2023 to 28.03.2023 for the third year students as a part of curriculum enrichment. Mr. V. Muthu Prakash, MEP & HVAC Trainer, Innovative

Engineering Solutions, Chennai gave training on REVIT MEP software to the students. For the entire two days students learned new fields and got some ideas for their upcoming project works.

42 final year students of batch 2019-2023 have attended the campus recruitment drive by Macbro Technology, Erode. 18 students advanced for the interview and 3 students (Dilip Kumar B, Logesh M and Sadeesh J) 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 and 3 students (Abishek S, Logesh V and Sreemalaikaruppanasamy S) got placement in it.

5 final year students of batch 2019-2023 have attended the campus recruitment drive by Kaar Technologies and 1 student (Abishek S) shortlisted for the next round.

47 pre-final year students of batch 2020-2024 have attended the campus recruitment drive by Guvi and 1 student (Mohamed Eliyas M) got shortlisted for the second round. Results are yet to be declared.

13 final year students of batch 2019-2023 have attended the campus recruitment drive by Mphasis Technologies. Results are yet to be declared. Third year students Sapnaa N and Sandhiya R won the first prize for the paper presentation titled 'Investigations on Various Thread Designs & Materials for Dental Implants - A 3D Finite Element Study' at Dr.N.G.P Institute of Technology, Coimbatore on 25.02.2023.

Third year students Harshene S R and Sandhiya R presented a paper titled '3D Printed Battery Protective Shield for EV's' at M.P.Nachimuthu M.Jaganathan Engineering College, Chennimalai, Erode on 03.03.2023.

Second year students Arvinth K, Bharani S, Karuppanan J and Manikandan V attended a workshop titled 'Electric Vehicle' at Knowledge Institute of Technology, Salem on 29.03.2023.

15 students attended Technical Quiz conducted by various institutions.

The club organized a SAE Lecture Meeting on 'Modelling and Drafting using Unigraphics' on 03.02.2023. Mr.R.Alaguvel Armstrong, Director, RAAA (OPC) Pvt Ltd., Chennai delivered a lecture about NX CAD and recent automobile technologies. Students from SAEINDIA VCET Collegiate club actively participated and benefited.

As a part of curriculum enrichment, a workshop on 'Industrial Design and Practice using CATIA' was organised on 10.02.2023 for the third year students. Mr. Sathiya Moorthi, Lead Technical, SAN Technovation, Perundurai gave training on CATIA software to the students.

A workshop on 'Electrical Vehicle Design' was organised on 01.04.2023 for the second year students. Er.M. Harry Andrews, CAD Engineer, C-Cube Technologies, Erode gave training on CREO software to the students. Students eagerly participated and learnt basics of CAD, new trends in EV design and importance of EV in future.

DEPARTMENT OF MEDICAL ELECTRONICS

'How to Crack Interview', a seminar was organized on 23.01.2023. Kishore K, Divya Dharshini R and Kaviya R from ISSMB-School, Chennai gave an idea of professional resume and addressing interview questions.

Diabetes and General Health Check-Up Camp was organized in association with Dr.Mohans Diabetes Centre on 10.02.2023 from 10.30 am to 2.00pm for VCET staff and students. Around 107 members from our institution checked their blood pressure and glucose level from this camp.

'Innovation Student's Project into Patented Market Fit Product' a programme for MDE students was conducted on 01.03.2023. Mr.M.S.Mohammadu Sathik Raja, HR and CRO of Mendingers Healthcare Solutions shared his experience and gave some ideas to get patent for projects. Around 82 students were benefited by this event.

'Mindful Living and Holistic Health', a seminar and Sanitary Napkin Distribution Drive programme for girls of VCET was conducted on 03.03.2023. Dr.T.Lalitha Nandhini Dental Surgeon of T.A.T ENT Hospital has shared some tips to maintain a healthy diet and distributed sanitary napkins for girls. Around 200 students were benefited by this programme.

Devadharshini R and Farzeen A of third year have participated and won the first prize in paper presentation at Gobi Arts and Science College on 31.03.2023.

Devadharshini R and Farzeen A of third year have participated in paper presentation at Sri Ramakrishna College of Engineering on 16.03.2023.

Devadharshini R of third year has attended IEEE Conference at Sri Krishna College of Engineering and Technology, Coimbatore on 19.03.2023.

Sakthivel C, Saranyan N and Gokul S of third year have participated and won the first prize in Ingenium - Hackathon at Amrita Vishwa Vidyapeetham on 19.04.2023.

Sakthivel C and Saranyan N of 3rd year have presented a paper at Kongu Engineering College on 31.03.2023.

DEPARTMENT OF MANAGEMENT STUDIES



A seminar on the topic 'Awakening of our Young Bharath' was organized in view of National Youth Day in association with Desiya Chinthanai Kazhagam on 10.01.2023. Shri.A.Pari, IPS Inspector General (IG)-Rtd, West Zone, Tamilnadu was the resource person.

An industrial visit to SKM Egg Products, Cholangapalayam, Erode was organized on 10.02.2023. 59 Students of I year MBA visited the company. They learned the egg powder process.

Guest lecture on the topic 'Research Methods & Techniques in Indian Business' was organized on 13.02.2023. Dr.P.Karthikeyan, Associate Professor, Department of Management Studies, Kongu Engineering College, Perundurai was the resource person.

'Velalar Carnival 2023' was organized on 17.02.2023. Thiru S.D.Chandrasekar Secretary & Correspondent, Vellalar Educational Trust, Erode was the resource person.

A seminar on the topic 'Recent Amendments & Practices of GST in India' was organized on 22.02.2023. Sri. J.Ashok Chartered Accountant & EDP Trainer, Ashok and Associates, Erode was the resource person.

An industrial visit to Dhottabetta Tea Factory, Ooty was organized on 03.03.2023. 51 students of I year MBA visited the company. They learned the processing of tea powder form tea leaves.

Two students got placement in M/s HCL, Chennai.

One student got placement in M/s Stock Holding Corporation of India, Coimbatore branch.

17 students have successfully completed the NPTEL online course Retail Management during January – April 2023.

12 students participated in the event of URGITH - Management Fest on 07.01.23 at GRG School of Management studies, Coimbatore.

One student participated in the international level virtual smart phone one minute-video competition in 'Management Meet' on 18.02.23 at Sathyabama Institute of Science and Technology, Chennai.

Dhanuja Shri L, Gokila Brindha K P & Sowmiya R of I year MBA presented a paper on the topic 'AI and Machine Learning Towards Healthcare by Now and Me and Role of social Media in Marketing' in the international virtual conference on 'Next Gen Innovation' organized by School of Commerce at Ethiraj College for Women, Chennai on 24.01.2023.

Dhanuja Shri L of I year MBA presented a paper on the topic 'Green Mining by Vedanta Ltd – for a Sustainable Future' in the 1st international virtual conference on 'Recent Trends in CSR and Sustainable Goals' organized by school of Business at VET Institute of Arts and Science College, Erode on 18.02.2023.

Abirami AA of II year MBA presented a paper on the topic 'A Study on History of CSR with Reference to Indian Industries' in the 1st international virtual conference on 'Recent Trends in CSR and Sustainable Goals' organized by School of Business at VET Institute of Arts and Science College, Erode on 18.02.2023.

8 students participated in the National Seminar on the topic 'Impact of GST on Indian Economy and Impact of E-CRM towards Digital Marketing and GDP Growth in India' at Gobi Arts and Science College, Gobichettipalayam on 07.01.2023.

Dhanuja Shri L of I year MBA presented a paper on the topic 'Cloud Technology in Entrepreneurship – An Access to Future' in the 1st international virtual conference on 'Multidisciplinary Academic Research, Innovation and Entrepreneurship' organized by School of Commerce at VET Institute of Arts and Science College, Erode on 18.02.2023.

Niranjana T and Nikitha N of I year MBA presented a paper on the topic 'Enhancing Society Through CSR by Corporate Companies of India' in the international virtual conference on 'Metamorphosis of Modern Management and Research' organized by School of Management Studies, Bannari Amman Institute of Technology, Sathyamangalam on 17.03.2023.

Thenish J and Ragul B of I year MBA presented a paper on the topic 'Women Empowerment: A Comprehensive Review of Empowering Strategies' in the international virtual conference on 'Metamorphosis of Modern Management and Research' organized by School of Management Studies, Bannari Amman Institute of Technology, sathyamangalam on 17.03.2023.

DEPARTMENT OF SCIENCE AND HUMANITIES

DEPARTMENT OF MATHEMATICS

Science club 'PHENMAC' conducted a paper presentation competition on various topics from 01.02.2023 to 02.02.2023.

157 first year students presented papers and 29 students received awards on a broad spectrum of topics, conducted by the PHENMAC club of Science and Humanities from 01.02.2023 to 02.02.2023.

13 first year students presented papers and two students got best presentation award conducted by PG Department of Chemistry, Vellalar College for Women on 17.02.2023.



CLUB ACTIVITIES

Women Empowerment Cell

The cell organized an awareness program on 'Awareness on Nutritional Anemia and its Prevention among Female Students' on 27.01.2023. Dr. S.Ponne, Associate Professor, PG and Research Department of Foods and Nutrition, Vellalar College for Women, Erode was the resource person.

The cell organized an awareness program on 'Menstrual Health and Hygiene' on 28.01.2023. Mrs. Nitya Chaudhary and Ms. Roshnee Bhowmick, CSR Executive, Unicharm India, Global Hunt Foundation Bengaluru were the resource persons.

In view of International Women's Day, competitions like Glass Painting, Millet Based Food Expo, Jewellery Making, Fashion Show, Influential Indian Women Leaders/Indian traditional ethnic dress, Hair Dressing for students and Talent Show, Fun Games for faculty members were conducted on 07.03.2023 and a guest lecture was organized on 08.03.2023. Dr. Matilda Daniel, Psychiatrist & Medical Doctor, Joseph hospital, Erode gave a talk on 'Mental Health is a Preserved Treasure'.

Toastmasters' Club

The first TMC spotlight event for 2nd and 3rd years was virtually conducted on 10.02.2023. This event focused on how to introduce yourself in a public forum. 32 students participated in the event.

An interesting event focusing on, "How to Overcome the Difficulties during Presentation and Deliver their Thoughts", was conducted on 17.02.2023 through online mode. 50 students from 2nd and 3rd year have participated in this event. This session was highly interactive and it boosted the participants' confidence.

A lively discussion on "Gender Equality" among 43 students from 2nd and 3rd year was conducted on 24.02.2023. The participants shared their thoughts on the society and exchanged their thoughts on how to form a society with gender equality.

English Literary Association

The Association conducted a fantastic event, 'Roll Camera Action' for the first year students was conducted on 30.01.2023 in order to facilitate vocabulary enhancement and speaking skills of the students.

An illuminating event, 'Word Hunt' was conducted by the English Literary Association for the third year students on 03.02.23 for the sole purpose of enhancing a student's presentation skill and helping them to understand how words are used in different contexts.

The Association conducted a cheering event 'Unleash' for the second year students on 10.03.23. This event encourages students to overcome their stage fear and interact with the audience in a professional manner.

The Association organised 'Gravitas' for the first year students on 10.02.23. The sole purpose of this event is to develop the overall listening and speaking skills of students.

The Association organised 'Gravitas 2.0', a proceeding of 'Gravitas' on 17.02.23 to develop the overall listening and speaking skills of the first year students.

A weekly online event 'Spotlight', is conducted every Saturday through Google Meet at 6:30 pm. This event focuses on developing communicative skills and presentation skills of students.

Youth Red Cross

Youth Red Cross of Vellalar College of Engineering and Technology conducted the fire prevention and rescue demonstration programme for the first year B.E/B.Tech students on 08.02.2023 in collaboration with Erode fire station. Mr. S.Velusamy, Station officer, Erode fire station, Erode was the chief guest and delivered a special lecture on fire prevention and rescue demonstration at II floor conference hall, main building and the lecture was followed by fire prevention demonstration at our college ground. In this programme Dr. M. Jayaraman, Principal, VCET, Prof. P. Jayachandar, Dean, Dr. M.Eswaramurthi, HoD/S&H and 338 students are participated.

Deworming Camp was conducted on 14.02.2023 for all the first year UG students in connection with National Deworming Day. This camp was conducted by the Department of Public Health and Preventive Medicine, Government of Tamil Nadu. 820 students were benefitted by this camp. Dr. M. Jayaraman, Principal, VCET and Prof. P. Jayachandar, Dean inaugurated this camp in the presence of Dr.M.Eswaramurthi, HoD/S&H.



JCI Club

JCI club of VCET was inaugurated on 01.02.2023. Dr. M. Jayaraman, Principal, Prof.P.Jayachandar, Dean, Dr. M. Eswaramurthi, HOD/S&H, JCI Club office bearers and volunteers along with around 150 students and Mr. R. Balasubramanian, JCI Club coordinator also participated in this programme.

JCI club of VCET organized a special motivational programme for the first year students on 15.02.2023 Dr. M. Jayaraman, Principal, Prof. P. Jayachandar, Dean, Dr. M. Eswaramurthi, HOD/S&H, JCI Club office bearers and volunteers along with around 150 students and Mr.R.Balasubramanian, JCI Club coordinator also participated in this programme.

Entrepreneurship Development Cell

The cell organized a seminar titled 'Innovation and Entrepreneurship Outreach' on 24.01.2023. Mr. S. Logesh Kumar, Administrative Officer, VET Institute of Arts and Science College, Thindal, Erode was the resource person.

The club organized a special lecture titled 'Civil Engineering Entrepreneurship: Construction Management Techniques and Tools' on 06.02.2023. Mr. Muruganatham K, Managing Director, Industrial Based Educational Training, Erode was the resource person.

The club organized an orientation session on 'Innovation and Start-up Policy' on 08.02.2023. Mr. Dharani Govindaraj, Chief Executive Officer, Core Aptitude Training Institute, Erode was the resource person.

A seminar titled 'Start a Business on Budget: Tips and Trick for Starting your own Business' was organised on 09.02.2023. Mr.B.Krishnakumar, Managing Director, New Technology Mobile Service and Training Centre, Coimbatore was the resource person.

A seminar titled 'Effects of Start-up Business in Entrepreneurial Development' was organised on 16.02.2023. Mr.L.Jagadesh, National Trainer, JCI India was the resource person.

The club organized a seminar titled 'Identifying the Roles and Characteristic of an Entrepreneur' on 17.02.2023. Mr. Elangathir Sundaram, Chief Technology Officer, Neophtron Technologies, Erode, was the resource person.

The club organized a seminar titled 'Creating a Successful Start-up: Social Challenges - an Overview' on 18.02.2023. Mr.R.Boopathi, Management Consultant, Proprietor, Rudolf Diesel Consultants was the resource person.

An intra institutional innovation competition on 'Technology Fusion and Breakthrough' was conducted on 23.02.2023.

A workshop on 'Prototype/ Process Design and Development' was conducted on 1.3.2023. Dr.M.Jayaraman, Professor, Department of Mechanical Engineering, Principal, Velalar College of Engineering and Technology, Erode was the resource person.

The club organized a workshop on 'Innovative Student's Project in to Patented Market Fit Product' on 1.3.2023. Mr.M.Muhammadu Sathik Raja, Medingers Healthcare Solutions, Erode was the resource person.

The club organized an intra institutional innovation competition on 'Cyber Security Hackathon KAVACH – 2023' on 28.03.2023.

An innovative programme on 'Medical Equipment' was organised on 29.03.2023. Mr.Nitturi Naresh Kumar, Scientist D, Med Tech Zone Limited, Andhra Pradesh, India was the resource person.

Fine Arts Club

Department of Science and Humanities and Fine arts club jointly celebrated 'Thai Thirunaal - Pongal' on 13.01.2023 at our college premises.

Fine arts club conducted painting competition with respect to India's G20 presidency theme 'One Earth, One Family, One Future' on 16.02.2023.

Rotaract Club

The Rotary club of Tirupur organised the 'Tirupur Walkathon & Marathon' on 08.01.2023, from 5.30 am to 9.00 am, from Chikkanna Arts College, Tirupur to Chikkanna Arts College, Tirupur. There were around 8000 participants in this marathon. The necessity of breast cancer awareness and fund raising was made known to the residents of our community. As volunteers, RCV CET Rotaractors participated in this event. All of the participants received certificates and medals in appreciation.

The National Youth Day was observed on 10.01.2023 from 10.30 a.m. to 12.30 p.m. by the Rotaract Club of Velalar College of Engineering and Technology. The chief guest of the program, A.Pari, IPS Inspector General (IG) West Zone Tamilnadu, gave a unique speech on this occasion on the topic of 'Awakening of Our Young Bharath'. The event was felicitated by Dr. Jayaraman, Principal of VCET, Prof. P. Jayachandar, Dean of VCET, and Dr. N. Thangaraj, Faculty Advisor of Rotaract club.

The Rotaract club of VCET and JCI jointly organized 'Road and Safety Awareness Rally' from Velalar College of Engineering and Technology, Thindal to Velalar College of Engineering and Technology, Thindal via Thindal Sengodampallam on 11.01.2023 from 5.00 am to 8.30 am. In this marathon, 500 participants participated. The public was made aware of the need of driving safely. All the participants were appreciated with certificates.

The Rotaract club of VCET and JCI jointly organized 'Road and Safety Awareness Seminar' at VCET Campus on 11.01.2023 from 2.30 pm to 4.30 pm. This seminar was taken by JC L Jagadesh, National Trainer JCI, India.

In preparation for 2k23 Pongal Kondattam, the Rotaract club at Velalar College of Engineering and Technology held a number of activities from 14.01.2023 to 20.01.2023, including Kalaisaral, Rangoli, Aagaradhi Velaiyatu, and Tamilsol Pesu. More than 200 people had signed up to participate.

Rotaract Club of Velalar College of Engineering and Technology, Rotary Club of Erode, Thindal and P.S.G Hospitals jointly organized a General Health Camp event on 29.01.2023 at Bharathi Kalvi Nilayam, Nasiyanur. More than 205 participants enrolled.

A general health camp was jointly organised by the Rotaract Club of Velalar College of Engineering and Technology, the Rotary Club of Erode, Thindal, and P.S.G Hospitals on 29.01.2023 at Bharathi Kalvi Nilayam, Nasiyanur. About 205 people registered for the camp, and everyone who showed up thanked us for our assistance. They felt moved by our work on a deep level.

An eye camp was jointly organised by Coimbatore Aravind Eye Hospital and RCV CET. On 05.02.2023, the camp was held at Bharathi Kalvi Nilayam in Nasiyanur. More than 250 persons registered, and more than 30 were taken for a free procedure.

A blood donation drive was sponsored by RC VCET in collaboration with the Rotary Club of Thindal, JCI Erode, Green City, Lions Club Erode and Supreme Charitable Trust Blood Bank on 09.02.2023, from 10 am to 2 pm. A total of 186 donors gave their priceless blood to save the lives of those in need.

In order to pray for the troops who lost their lives during the Pulwama incident, one of the deadliest terrorist strikes in Jammu & Kashmir that occurred on 14.02.2019, RCV CET organised an event on Indian Black Day on 14.02.2023 at L Block.

The Rotaract Club of VCET held a discussion session on 24.02.2023, via Google Meet for the office bearers for the calendar year 2022–2023. It is crucial to plan events before carrying them out in order to do them correctly at the time. The responsibilities of each office holder were outlined, as well as forthcoming projects. The discussion about the teams and sponsors of the Rota Olympics committee was also held. During this meeting, every officer bearer was present.



To commemorate International Women's Day on 08.03.2023, the Rotaract Club of VCET held two competitions: Ulaga Magalir, a drawing competition, and Sathani Pengal, a rangoli competition. More than 300 members took part, and the winners received prizes and participation certificates were given for all participants.

The Rotaract clubs of Info Institute of Engineering and the Rotaract club of the VCET held an event called hack the interview on 10.03.2023, at 6 p.m. in Google Meet. The session gave participants an understanding of how to get through job interviews fearlessly.

The Rotaract Club of VCET held a celebration of Rotaract Week on 13.03.2023. Our club adviser and IPP, Rtr. Raviselva, led the session, which was beneficial and taught something new about Rotaract.

A Rota Olympics event was held on 19.03.2023, from 9.00 am to 8.00 pm at Indian Public School, Erode. The District Rotaract Club and VCET Rotaract Club organised it. More than 10+ games were conducted, and the winners were recognised with certificates and medals.

RCVET has closed the pits in preparation for an event that took place along their route. This was carried out by each member of the club in their respective locations.

Rotaract Club of VCET scheduled a discussion meeting at Google Meet for the office bearers of the year 2022-2023 on 31.03.2023. The discussion about the Rota Olympics committee teams and sponsors was also done. All the officer bearers took part in this meeting. Everyone was appreciated for helping to make the event a successful one.

Faculty Achievements

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

DEPARTMENT OF BIOMEDICAL ENGINEERING

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

Dr.S.K.Manikandan acted as resource person for the workshop on 'Design Thinking, Critical Thinking & Innovation Design' at Sresakthimayeil Institute of Nursing and Research on 18.02.2023.

Dr.M.Ponni Bala & Mr.R.Saravanakumar attended an International Conference on 'Advance Computing & Communication System' at Sri Eshwar college of Engineering, Coimbatore from 17.03.23 to 18.03.23.

Dr.M.Ponni Bala attended an International Conference on 'Smart Wearable Calf Muscle Band for Spasticity using Vibration with Web Application' at Paavai Engineering College, Namakkal on 17.03.23.

Dr.J.Rajalakshmi attended an International Conference on 'Design and Development of Sleep Apnea Monitoring Device for Healthcare Application' at Paavai Engineering College, Namakkal on 17.03.23.

Dr.Sudha attended an International Conference on 'Surgical Assistance Smart Class Based On Augmented Reality' at Paavai Engineering College, Namakkal on 17.03.23.

Dr.Sudha attended an International Conference on 'Smart Authentication using Human Ear' at Sai Vidya Institute of Technology, Karnataka from 03.03.23 to 05.03.23.

Ms.P.Georgia Chris Selwyna attended an International Conference on 'New Horizon in Drug Discovery and Development Process' at Adamas University, Kolkata on 23.02.23.

Ms.A.Kalyani attended an International Conference on 'Design and Development of Wearable Smart Airbag with Protection and Notification System' at RSP Conference Hub, Tamilnadu from 25.03.23 to 26.03.23

Mr.R.Saravanakumar attended an International Conference on 'Sports Applications of Biomechanics Wearable Sensors using IOT' at St.Mother Theresa Engineering College, Tuticorin from 02.03.23 to 04.03.23.

Mr.V.Loganathan attended an International Conference on 'Adaptive Technologies for Sustainable Growth' at Paavai Engineering College, Namakkal on 17.03.23.

DEPARTMENT OF CIVIL ENGINEERING

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

Mr.C.Pranesh presented a paper titled 'Experimental Study on Industrial Sludge and Coconut Coir in Strengthening of Red Bricks' and 'Experimental Study on Partial Replacement of Coarse Aggregate by Using Coconut Shell' in the National Conference and Exhibition on Rural Innovations (NCERI-23) organized by Unnat Bharat Abhiyan - SSM College of Engineering and Technology, Dindigul on 25.03.2023.

Ms.A.Anitha and Mr.S.Suresh underwent a one day industrial visit to Saint - Gobain India Private Limited, Perundurai on 28.03.2023.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

Dr.V.Latha Jothi received Elite with Silver certification for the course on 'Programming, Data Structures and Algorithms using Python' from SWAYAM-NPTEL during Jan - Mar 2023.

Dr.S.Kayalvili received Elite certification for the course on 'Systems and Usable Security' from SWAYAM-NPTEL during Jan - Mar 2023.

Mr.A.P.Gopu presented a paper titled 'Coal Miners Activity Sensing using IoT' in IEEE sponsored international conference held on Computer Communication and Informatics held from 23.01.2023 to 25.01.2023 at Sri Sakthi Institute of Engineering and Technology, Coimbatore.

Mr.S.Senthilnathan has presented a paper titled 'Blockchain Based Medical Sector Management' in the National Conference on 'Paradigm Shift in Embedded , Communication Artificial Intelligence & Robotics' held on 17.03.2023 at Jai Shriram Engineering College, Tirupur, Tamilnadu.

The following faculty members presented their papers in the third international conference on 'Artificial Intelligence and Smart Computing' held from 09.03.2023 to 11.03.2023 at Bannari Amman Institute of Technology, Sathyamangalam, Tamilnadu:

1. Dr.S.Jabeen Begum, 'Encryption and Decryption Analysis for Grey – Color Medical Image using RSA'
2. Dr.V.Latha Jothi, 'Breast Cancer Detection using Deep Learning'

3. Dr.V.Latha Jothi, 'Cryptocurrency Analysis'
4. Mr.S.Senthilnathan, 'Blockchain Based Medical Sector Management'

The Following faculty members presented papers in the 7th international conference on 'Engineering, Technology and Science' at Muthyammal College of Engineering held on 31.03.2023:

1. Dr.S.Jabeen Begum, 'A Platform for Sharing and Collaboration on Sensitive Content with Advanced Permission and Access Control for Users'
2. Dr.S.Gokulraj, 'Smart Transportation Prediction System'
3. Dr.S.Sadesh, 'Significant Permission Identification for Android Suspicious APP'
4. Mr.A.P.Gopu, 'Blockchain Based Security in Cloud Computing'
5. Dr.S.Kayalvili, 'Car Price Detection using Machine Learning Algorithms'
6. Ms.M.Thilagarani, 'Data Flow Bug Detection and Analysis in Business Process'
7. Ms.M.Thilagarani, 'Handwritten Recognition using ALEXNET'
8. Ms.S.Nithya, 'Privacy Protecting Data Replication and Secure Storage in the Cloud'
9. Ms.S.Nithya, 'Cyber Security for Water Distribution System from Malicious Cyber Attacks'
10. Mr.S.Senthilnathan, 'A Virtual Journaling Application for Understanding and Tracking Daily Emotions'
11. Ms.I.Nivetha 'Controlling Websites Through Hand Gestures Using Tensor flow Js and Browser Extension'
12. Ms.I.Nivetha 'Object Detection using Machine Learning'

Dr.S.Sadesh, Dr.S.Kayalvili, Dr.S.Russia and Dr.S.Gokulraj acted as the session chairs in 2023 IEEE sponsored International Conference on 'Electrical, Computer and Communication Technologies' (ICECCT 2023) held at Velalar College of Engineering and Technology, Thindal, Erode from 22.02.2023 to 24.02.2023.

Dr.S.Kayalvili acted as the session chair for the IEEE sponsored 2023 third International Conference on 'Advances in Electrical, Computing, Communications and Sustainable Technologies' (ICAECT 2023) held at the Department of Electrical and Electronics Engineering, Shankaracharya Technical Campus (SSTC), Shri Shankaracharya Group of Institutions, Bhilai, Chhattisgarh, India on 05 - 06, January 2023.

Dr.S.Gokulraj acted as a chief guest for the state level technical symposium on 'TECKBOT-2K23' on 24.03.2023 at Sakthi Polytechnic College, Sakthi Nagar, Erode.

Dr.S.Sadesh acted as a chief guest for the state level technical symposium on 'TECKBOT-2K23' on 24.03.2023 at Sakthi Polytechnic College, Sakthi Nagar, Erode.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

Dr. K. Senthil Prakash, Dr. S. Rajan and Dr. M. Parimala Devi, acted as the session chairs in 2023 IEEE sponsored International Conference on 'Electrical, Computer and Communication Technologies' (ICECCT 2023) held at Velalar College of Engineering and Technology, Thindal, Erode from 22.02.2023 to 24.02.2023.

Dr. M. Parimala Devi and Mr.K.K.Pradeep acted as Co-Ordinators of the seminar on 'PCB Design and Manufacturing' conducted by Velalar College of Engineering and Technology on 04.02.2023.

Ms.S. Pavithra and Ms.T. Sathya acted as Co-Ordinators of the seminar on 'Building your own EV' conducted by Velalar College of Engineering and Technology on 07.03.2023.

Mr. R. Gopalan acted as Co-ordinator of the seminar on 'Creating a Successful Start-up: Social Challenges – An Overview' conducted by Velalar College of Engineering and Technology on 18.02.2023.

Mr.S. Pooranachandran and Ms.P.Nandhini acted as Co-Ordinators of the seminar on 'Ethical Hacking' conducted by Velalar College of Engineering and Technology on 21.01.2023.

Dr.S.Rajan presented a paper titled 'Machine Learning Enabled Traffic Sign Detection System' in the '2023 Fifth International Conference on Electrical, Computer and Communication Technologies (ICECCT 2023)' conducted by Velalar College of Engineering & Technology Erode, from 22.02.2023 to 24.02.2023.

Ms.Nandhini P presented a paper titled 'Comparative Study of Third Eye For Visually Challenged with Alternate Solution' in the 'Third International Conference on Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2023)' conducted by the Department of ECE, Velammal Institute of Technology, Chennai from 23.03.2023 to 24.03.2023.

Ms.Ruba M presented a paper titled 'Design and Implementation of Smart Internet based Real Time Control of Rover with Artificial Intelligence' in the 'Third International Conference on Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2023)' conducted by the Department of ECE, Velammal Institute of Technology, Chennai from 23.03.2023 to 24.03.2023.

Ms.Sakthi Priya V presented a paper titled 'Deep Neural Network for Standard Value Estimation' in the '3rd International Conference on Artificial Intelligence and Smart Computing (ICAISC- 2023)' conducted by Bannari Amman Institute of Technology, Sathyamangalam, from 09.03.2023 to 11.03.2023.

Dr.M.Parimala Devi presented a paper titled 'Design and Control of Electric Vehicle Charger with Transformer Controlled Li-ion based Electric Vehicle System' in the 'Recent Advances in Communicative Electronics (NCRACE 2023)' conducted by SRM TRP Engineering College, Tiruchirappalli from 09.03.2023 to 10.03.2023.

Totally 20 faculty members had presented their conference papers under different titles at Muthayammal College of Engineering, Rasipuram, on 31.03.2023.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

Dr.C.Gokul, K. Vanchinathan, presented a paper on 'COVID-19 SOP Compliance And Monitoring Electronic System For Business And Public Places Using Arduino Uno', published in 2023 IEEE International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE), conducted at IEEE, Bengaluru on 27.01.2023 to 28.01.2023 pp.478-482, DOI: 10.1109/IITCEE57236.2023.10090961.

DEPARTMENT OF INFORMATION TECHNOLOGY

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

Ms. T. Nithya presented a paper titled 'Medical Image Classification using Deep Learning Techniques' in the International Conference on 'Electronics and Renewable Systems' (ICEARS-2023), conducted by St. Mother Theresa Engineering College from 02.03.2023 to 04.03.2023

Dr. R. Menaka presented a paper titled 'Sentimental Analysis of YouTube Video Comments Using Lexicon Approach' in the 'Recent Advances in Communicative Electronics' (NCRACE 2023), conducted by SRM TRP Engineering College from 09.03.2023 to 10.03.2023

Mr. C. Saravanan has successfully completed the NPTEL online certification course 'Introduction to Machine Learning'.

Mr. K. Gopala Krishnan has successfully completed the NPTEL online certification course 'Design Thinking-A Primer' with Elite tag.

DEPARTMENT OF MECHANICAL ENGINEERING

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

Dr. R. Prakash delivered a guest lecture on 'Solar PV Thermal Technologies & Its Applications' organized by K.S.R. College of Engineering on 05.01.2023.

Dr. R. Kumaravelan acted as an external auditor for NBA files auditing at Al Ameen Engineering College on 07.01.2023.

Dr. R. Kumaravelan delivered a guest lecture on 'Application of Finite Element Analysis in Civil Engineering' organized by Mangalam College of Engineering, Kottayam on 17.02.2023.

Dr.R.Prakash acted as a reviewer for the technical paper publication in Thermal Science Journal.

DEPARTMENT OF MEDICAL ELECTRONICS

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

DEPARTMENT OF MANAGEMENT STUDIES

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

Dr.T.Vetrivel presented a paper titled 'Green Mining by Vedanta Limited for a Sustainable Future: Recent Trends in CSR & Sustainability Development Goals' in the International Conference on 'Green Mining by Vedanta Ltd – for a Sustainable Future' organized by the Department of Commerce, VET Institute of Arts and Science, Erode on 18.02.2023.

Dr.T.Vetrivel presented a paper titled 'Analysis of CSR Impact Towards the People in the Market with reference to Indian Industries' in the International Conference on 'Creativity and Innovation Enhance Business Growth and Success' organized by the Department of Commerce, Sri Vasavi College, Erode from 23.02.2023 to 24.02.2023.

Dr.T.Vetrivel presented a paper titled 'Impact of GST on Indian Economy in the National Level Seminar' in the National Seminar on 'Recent Trends in Commerce' organized by the Department of Commerce, Gobi Arts and Science College, Gobichettipalayam on 25.02.2023.

Dr.T.Vetrivel presented a paper titled 'AI and Machine Learning towards Healthcare in the Recent Trends' in the National Seminar organized by the Department of Management, Bharathiar University PG Extension & Research Centre, Erode on 10.03.2023.

Dr.D.Muthukrishnaveni presented a paper titled 'Amazon's Drone Delivery – A New way of Business' in the National Seminar organized by the Department of Commerce, Gobi Arts & Science College, Gobichettipalayam on 25.02.2023.

Dr.S.Kumar presented a paper on the topic 'The analysis of CSR Impact towards the People in the Market with Reference to Indian Industries' in the 1st international virtual conference on 'Recent Trends in CSR and Sustainable Goals' organized by the School of Business, VET Institute of Arts and Science College, Erode on 18.02.2023.

Dr.S.Kumar presented a paper on the topic 'Enhancing Society through CSR by Corporate Companies of India' in the international virtual conference on 'Metamorphosis of Modern Management and Research' organized by the School of Management Studies, Bannari Amman Institute of Technology, Sathyamangalam on 17.03.2023.

Dr. K. T. Kalaiselvi presented a paper in the National Seminar on 'CSR Contribution to Achieve SDG's' organized by the Department of Commerce, Sri Vasavi College, Erode on 24.02.2023.

Dr. K.T.Kalaiselvi presented a paper in the National Seminar on 'GST System and its Implications in India' organized by the Department of Commerce, Gobi Arts and Science College, Gobichettipalayam on 25.02.2023.

Dr.K.T.Kalaiselvi presented a paper in the National Seminar on 'Cloud Technology in Entrepreneurship' organized by the Department of Commerce, Patrician College of Arts and Science, Chennai on 03.03.2023.

Dr. A. Kannammal had presented a paper in the National Seminar on 'Green Mining by Vedanta Ltd for Sustainable Growth' organized by the Department of Commerce, VET Institute of Arts and Science, Erode on 18.02.2023.

Dr. A. Kannammal presented a paper in the National Seminar on 'Enhancing Agripreneurs for Sustainable Growth in Agriculture' organized by the Department of Commerce, Sri Vasavi College, Erode on 24.02.2023.

Dr. A. Kannammal presented a paper in the National Seminar on 'Role of Artificial Intelligence in Accounting' organized by Department of Commerce, Gobi Arts and Science College, Gobichettipalayam on 25.02.2023.

Dr.A. Kannammal presented a paper in the National Seminar on 'A Conceptual Study on Psychological Resilience of Entrepreneurs' organized by the Department of Commerce, Patrician College of Arts and Science, Chennai on 03.03.2023.

Ms.L.Rasiga Priya presented a paper in the National Seminar on 'A Study on History of Corporate Social Responsibility with reference to Indian Industries' organized by the Department of Commerce, VET Institute of Arts and Science, Erode on 18.02.2023.

Ms.L.Rasiga Priya had presented a paper in the National Seminar on 'Micro, Small and Medium Enterprises' organized by the Department of Commerce, Gobi Arts and Science College, Gobichettipalayam on 25.02.2023.

Ms.L.Rasiga Priya presented a paper in the National Seminar on 'The analysis of CSR Impact towards the People in the Market with reference to Indian Industries' organized by the Department of Commerce, Sri Vasavi College, Erode from 23.02.2023 to 24.02.2023.

Ms.L.Rasiga Priya presented a paper in the National Seminar on 'AI and Machine Learning towards Healthcare by Now and Me' organized by the Department of Management, Bharathiar University PG Extension & Research Center, Erode on 10.03.2023.

Ms.L.Rasiga Priya presented a paper on the topic 'Corporate Social Responsibility Activities and Green Innovation Performance in Organisation' in the international virtual conference on 'Metamorphosis of Modern Management and Research' organized by the School of Management Studies at Bannari Amman Institute of Technology, Sathyamangalam on 17.03.2023.

Dr. T.Vetrivel delivered a key note address on the topic, 'Positively and Emotional Intelligence' at Students Counselling Cell, Vellalar College for Women, Erode on 23.02.2023.

Dr.K.T.Kalaiselvi delivered a key note address on the topic, 'Invest in Yourself' at the Department of Management, Government Arts and Science College, Modakkurichi on 16.03.2023.

Dr.T.Vetrivel has completed the NPTEL online course 'Retail Management' during Jan - Apr 2023 with Elite tag.

Dr.K.T.Kalaiselvi has completed the NPTEL online course 'Retail Management' during of Jan - Apr 2023 with Elite + Silver tag.

DEPARTMENT OF SCIENCE AND HUMANITIES

DEPARTMENT OF MATHEMATICS

Mr.K.Vetri presented a paper titled 'Automated Edge Detection Technique using Fractional Musk in Fuzzy Domain' in the international conference on 'Discrete Mathematics and Mathematical Modelling in Digital Era' held at The Gandhigram Rural Institute, Dindigul from 23.03.2023 to 25.03.2023.

DEPARTMENT OF CHEMISTRY

Dr.K.Manikandan, Dr.M.Sridharan and M.Gowri participated and presented a paper titled 'Cu₂ZnSnS₄ Modified CeO₂ as a Photocatalytic for Efficient Hydrogen Evolution' and 'Green Synthesis, Characterisation and Applications of Nano Particles' in the International Seminar conducted by PG Department of Chemistry, Vellalar College for Women, Erode on 17.02.2023.

Research Activities

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

DEPARTMENT OF CIVIL ENGINEERING

Ms.A.Anitha, 'Influence of Vermiculite and Sintered Fly Ash in Robustness and Hardened Properties of Light Weight Self-Compacting Concrete', Journal of Ceramic Processing Research, ISSN No. 12299162, Vol. 24, No. 1, pp. 182~189 (2023).

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr.S.Russia published a patent 'Design of Secure IOT Healthcare Architecture with DL Based Access Control System' on 10/02/2023 with application number 202311006966A.

Dr.S.Russia published a patent 'Comprehensive AI to Assess Corporate Security Operations using EEG Data Within IOT Framework' on 17/03/2023 with application number 202311016212A.

Dr.S.Russia published a patent 'Green House Monitoring and Control Using IOT' on 31/03/2023 with application number 202321016741A.

Mr.A.P.Gopu and Mr.S.Senthilnathan published a patent 'IOT based Water Supply and Sewage Monitoring System' on 17.02.2023 with application number 202341002874A.

Dr.S.Kayalvili published a paper titled 'An Advanced Motion Prediction for Targeted Small Moving Objects' in the International Journal of All Research Education & Scientific Methods, Volume 11 Issue 3, March-2023, ISSN: 2455-6211.

Dr.S.Gokulraj published a patent titled 'Speed Limit Authenticator Using YOLO' with application number 202344012270 A published on 17/03/2023.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr. S. Mahendra Kumar, 'Reinforcement Learning to Improve QoS and Minimizing Delay in IoT', Intelligent Automation & Soft Computing, Vol.36, No.2, 2023/ 10.32604/iasc.2023.032396, ISSN: 1079-8587 (Print) ISSN: 2326-005X (Online).

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr.C.Gokul, 'Investigation and Validation of PV fed Reduced Switch Asymmetric Multilevel Inverter using Optimization based Selective Harmonic Elimination Technique', Automatika Journal for Control, Measurement, Electronics, Computing and Communications, Vol.64, No.3, pp-441-452, Febuary 2023, <https://doi.org/10.1080/00051144.2023.2173121> (SCIE Journal).

Dr.C.Gokul, 'Design of NULLMAC Protocol for Mobile Ad Hoc Network Using Adaptive Antenna Array', Journal of Mobile Information Systems, Vol.2023, pp.1-11, January 2023, <https://doi.org/10.1155/2023/2952410> (SCIE Journal).

Dr.P.Sakthivel, 'Paper Quality Enhancement and Model Prediction using Machine Learning Techniques', Results in Engineering (Elsevier (Science Direct)), Vol.17, March 2023. <https://doi.org/10.1016/j.rineng.2023.100950> (Scopus Indexed).

Dr.C.Gokul, 'IOT Based Water Supply and Sewage Monitoring System', Patent Application Publication: India, Application No.202341002874 A, Date of filing of Application: 13/01/2023, Publication Date: 17/02/2023, International classification: H04L0067120000, G16H0010600000, G06N0003020000, G06Q0050060000, G06F0011340000.

DEPARTMENT OF MECHANICAL ENGINEERING

Mr. Raja Gunasekaran published a book chapter 'Role of IoT in Industry Predictive Maintenance' in the book titled 'Integration of Mechanical and Manufacturing Engineering with IoT: A Digital Transformation' published by John Wiley & Sons, Inc. (ISBN: 978-1-119-86500-1).

Mr. A.T. Navin Prasad, Dr. R. Prakash & Dr. R. Kumaravelan, 'An Experimental Study on the Performance and Emission Characteristics of CI Engines using Bio-Oil Blends from Moringaoleifera', Materials Today: Proceedings, March 2023.

D. Senthil Kumar 'Investigation of Vegetable Oil as Dielectric Fluid in Electric Discharge Machining, Materials Today: Proceedings, March 2023.

DEPARTMENT OF MEDICAL ELECTRONICS

Mr. Surender S has published a patent 'Comprehensible AI to Assess Corporate Security Operations using EEG Data within IOT Framework' on 17.03.2023 (App No: 202311016212A).

DEPARTMENT OF MANAGEMENT STUDIES

Dr.T.Vetrivel published a paper on the topic 'A Study on Perception Towards Digital Banking Services Offered by India Post Payments Bank in Tirunelveli District', in International Journal of Food and Nutritional Sciences, Vol.11, Issue No: 3, Page No: 3992-4001, Jan 2023.

Dr.K.T.Kalaiselvi published a paper on the topic 'Cloud Technology in Entrepreneurship An Access to Future', in Humanities and Social Science Studies Journal, UGC CARE Approved, Group I, Vol.12, Issue No: 1, Page No:223, Jan – June 2023.

DEPARTMENT OF PHYSICS

Dr.Thangaraj N 'Preparation and Characterization of Ferrous Manganese Thin Films for Magnetic Storage Devices', Journal of Ovonic Research, Vol 19, No.1, pp 73-79, January-February 2023.

Dr.Thangaraj N 'Effect of Electrolyte Additives on Structural and Magnetic Properties of Cobalt Ferrous Tungsten Phosphorous based Thin Films', Digest Journal of Nanomaterials and Biostructures, Vol 18, No.1, pp 173-182, January-March 2023.

Awards / Recognitions

DEPARTMENT OF CIVIL ENGINEERING

Dr.C.Karthik was appreciated for publishing his research in 'Q1 Journal' during the course of the Ph.D Degree under the Faculty of Civil Engineering from the Centre for Research, Anna University, Chennai.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr.C.Gokul received 'Research Excellence Award', at Scientific International Publishing House, SIPH ID: SIPH2023073, in March 2023.

GLIMPSES OF VARIOUS ACTIVITIES



**Thai Thirunaal - Pongal on 13.01.2023
at our College Premises**



Tiruppur, Tamil Nadu, India
Sowrnepuri hi land exten 4th street Tiruppur,15 velampalayam,
to block, Mariamman Kovil St, Vivekananda Nagar, Thuvargal
Tiruppur, Tamil Nadu 641652, India
Lat 11.10897°



**Eye Camp on 05.02.2023
at Bharathi Kalvi Nilayam,
Nasiyanur.**



**Deworming Camp 14.02.2023 for all the
First Year UG Students in Connection
with National Deworming Day**



**Special Motivational Programme
Organised by JCI Club of VCET**



**'Innovation and Entrepreneurship Outreach'
Seminar on 24.01.2023**

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY (Autonomous)

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