



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

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Newsletter

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MESSAGE FROM THE PRINCIPAL

As we step into the final quarter of 2023, it fills me with immense pride to address our vibrant and dedicated community. The past months have been a testament to our collective resilience, determination, and unwavering commitment to academic excellence. At VCET, our journey has been marked by remarkable achievements, innovative endeavors, and a steadfast focus on embracing the evolving landscape of education. We have navigated challenges with resilience, leveraging our collective strength to foster a thriving academic environment. The dedication of our faculty and the enthusiasm of our students continue to be the driving force behind our success.



Together, we have explored new horizons, engaged in pioneering research, and embraced emerging technologies, including the dynamic world of data. As we reflect on the accomplishments of the past months, let us carry forward the spirit of collaboration, curiosity, and academic pursuit. I encourage each member of our esteemed community to remain engaged, proactive, and enthusiastic about the opportunities that lie ahead. I am immensely proud of our talented students who emerged victorious at the Smart India Hackathon, showcasing their exceptional problem-solving skills and innovation. Their dedication and brilliance have not only elevated the stature of our college but also demonstrated their commitment to creating impactful solutions. Congratulations to our winning students and gratitude to the staff for their guidance and expertise, paving the way for our students' success.

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

Programs organized :

Ms.R.Leelavathi and Mr.R.Saravanakumar organized a Guest Lecture on 'Business Start-up Ideas for Aspiring Entrepreneurs' on 09.11.2023.

Dr.S.K.Manikandan and Mr.N.N.Baalakumar organized a Guest Lecture on behalf of Kaizen Club on 'Deep Learning for Image Classification' by Mr.S.Hariharan, Data Scientist, Deloitte, Coimbatore on 20.11.2023.

Dr.S.Sudha and Mr.K.Rajaram organized a Value Added Course on 'VAC and PCB Design for Commercial Products' at Electronics and Circuits Lab during 16.11.2023 and 21.11.2023. Mr.A.Durairaj, Senior Embedded Engineer, Caliber Technologies, Coimbatore was the resource person.

Dr.S.Sudha and Mr.K.Rajaram organized a Value Added Course on 'Fabrication of Medical Assitive Tools' at Biomedical Instrumentation Lab during 16.11.2023 and 21.11.2023. The resource person was Mr.Gokul Chandrasekar, Senior Embedded Engineer, Caliber Technologies, Coimbatore.

Association Activities :

IEEE, EMBS-WIE in association with BIONIKX organized a technical paper presentation event - Sparkathon on 03.10.2023. 44 students participated in the event and winners were awarded with prizes. Kavishna P.J, Sanjay Adithya V, Kishore Karthikeyan S (ECE) secured the first place, Janane K.S, Dharanisri S (BME) secured the second place, Gowri Raja Loganathan (EEE) won third prize.

The association organized a Guest Lecture on 'Eye Care Basics' on 14.10.2023 and followed by general eye camp for students and all staff members. Dr.S.Vijay Kumar, MBBS, MS., The Eye Foundation, Erode delivered the lecture.

In association with IIC/EDC cell organized a Guest Lecture on 'Business Start-up Ideas for Aspiring Entrepreneurs' on 09.11.2023. Mr.M.Parthiban, Additional Director, Caliber Embedded Technologies, Salem was the resource person of the programme.

The association organized a Guest Lecture on 'Medical Coding' on 15.11.2023. Mr.Lokesh Chinraju, B.E., Cigma Medical Coding Academy Pvt Ltd., Karnataka delivered the lecture.

Department of BME in association with IEEE EMBS student chapter organized the valedictory function for the year 2023 on 24.11.2023.

An MoU was signed with Infinity Biomedicals, Coimbatore on 05.07.2023 for a period of five years and another MoU was signed with Hry's- Hub, Erode on 01.12.2023 for a period of five years.

Placement Activities :

- Deepashri P, Hariharan P, Keerthana A, Nijamudeen K, Santhiya R, Sharmika M and Sowbarnika Sry A P got placement in Zifo R&D Solutions, Chennai.
- Deepika U got placement in KGiSL Institute of Technology, Coimbatore
- Hemanandhini J, Kavya S, Sainhandhini C K, Sandhiya S, Sowmiya S, Sowshiga K R, Subarna Dhanavanthi S, Sugeetha M A and Swetha D got placement in Omega Healthcare Services, Bengaluru.
- Bhavadharani B and Hemanandhini J got placement in Mrudaan Medical Technologies, Chennai.
- Sinduja B and Harini K got placement in Adonmed Technology Solutions, Chennai.
- Kavya S, Swetha D and Sowmiya S secured placement in Vanavil Calibrations Pvt. Ltd, Salem.
- Sandhiya S and Santhi J got placement in Scan Care Ultimate Health Care Solutions, Madurai.
- Sowmya S, Supritha S and Duraimurugan P got placement in Infinity Biomedicals, Coimbatore.
- Dhachanamorthy P got placement in Srinivasan Medical College & Hospital, Trichy.

Students Activities:

- Dharani T, Kishore Kanna E R, Dharanidharan S and Haran A presented a paper at ELEMENTS 2K23 on the topic 'Smart Bandages' at Sri Ramakrishna Engineering College, Coimbatore on 6.10.2023.
- Boorvasanthy K presented a paper at ELEMENTS 2K23 on the topic 'Automatic Drug Dispenser' at Sri Ramakrishna Engineering College, Coimbatore on 6.10.2023.
- Abisha J and Dharani R presented a paper at ELEMENTS 2K23 on the topic 'Lab on a Chip' at Sri Ramakrishna Engineering College, Coimbatore on 13.10.2023.
- Arunachalam C and Kaaviya K presented a paper at MXCEL 2K23 on the topic 'Quantum Technology' at Kongu Engineering College, Perundurai on 11.10.2023.
- Aachikaa R E, Aathi Shree T K and Delsika J presented a paper at MXCEL 2K23 on the topic 'Biomechanics in Sports' at Kongu Engineering College, Perundurai on 11.10.2023.
- Kiruthiga Sree M and Kavya S attended a two day National Level Seminar on 'Design and Fabrication of Thin Film Biopatches for Detecting Bio Parameters in Human Body Under Noninvasive Methodology for Healthcare Applications' on 18.10.2023 at Dr.N.G.P Institute of Technology, Coimbatore.

DEPARTMENT OF CIVIL ENGINEERING



Association Activities:

A national level technical symposium RACES 2K23 was organized on 07.10.2023. Mr.Aravinth Panch, Social and Tech Entrepreneur, Co-Founder of araCreate, Germany, acted as the Chief Guest and delivered the inaugural address. Dr.P.Saravanakumar, Assistant Professor (Sr.Grade), Department of Civil Engineering, Government College of Engineering (IRTT), Erode acted as a jury for the technical events. 51 students were participated in the technical events such as paper presentation, code cracking and CADD contest to empower their talents in various fields. Best paper was selected and awarded with cash prizes.

A one day seminar about Estima software was organised for the final year students on 22.11.2023. Mr.Hari Variyar and Mr. T.Senthil Kumar from Sanketha Software Solutions, Thrissur, Kerala acted as resource persons. They explained about earth work brick work, RCC, PCC, wall plastering and surface coating quantity calculation with the help of the software. 36 students from final year and 4 faculty members got benefitted from the seminar.



Placement Activities:

- Abishek M, Eragul P L and Guna T got placement in M/s. RVK Building Developers Private Limited, Tiruppur.
- Shibiraj K got placement in M/s. IBA Associates, Tiruppur.
- Hariprasath V, Sridhar N and Rohith G got placement in M/s VSR Constructions, Erode.
- Navin Bharathi P got placement in M/s Daxeshbuilders, Avinashi.
- Deenadhayalan T got placement in M/s G.K Constructions, Erode.
- Ramyaprabha S, Sajitha S R, Sowmiya R and Vidhyabharathi S got placement in M/s Aarbee Structures Private Limited, Coimbatore.
- Abivaradharajan I R and Arunkumar A got placement in M/s RiDh Engineering Services, Chennai.
- Mounika C and Vimalleshwari L got placement in M/s Team Detailing Solutions Private Limited, Chennai.
- Vijayaraghavan M got placement in M/s Padmini Constructions, Erode.
- Arunkumar A, Raja E, Rohith G and Maheshwaran P got placement in M/s KKK Construction, Erode.
- Nandhakumar S got placement in M/s Annai Construction, Kavindapadi, Erode.
- Prashanth S got placement in M/s Unikans Builders and Promoters Private Limited, Madurai.
- Sandhiya K and Sajitha S R got placement in M/s Smart Infra Tech Developers, Erode.
- Sandhiya K G, Tamilarasi K, Mounika C and Vaishnavi M got placement in M/s Sivananda Pateeswaran Construction, Erode.
- Vignesh M got placement in M/s Mahesh Associates, Tirupur.
- Sowmiya R, Vidhyabharathi S and Vimalleshwari L got placement in M/s Buildaid Engineers Private Limited.
- Shivanjali S got placement in M/s Lakshmi Construction, Erode.
- Gokul S got placement in M/s KK Constructions, Komarapalayam, Erode.

Students Activities:

29 students from second year Civil Engineering have successfully completed the SWYAM-NPTEL online course on 'Wildlife Ecology' during Jul-Oct 2023. In that Dhivyadharshini S, Elakkiyaa S J, Elangovan M, Jeevanandam P, Madhu Balaji K, Narendhirapriya M, Sri Gayathri K, Subasri A, Swathi S and Vinotha K completed their course with Elite +Gold tag.

32 students from third year Civil Engineering have successfully completed the SWYAM-NPTEL online course on 'Wildlife Ecology' during Jul-Oct 2023. In that Sruthika S, Chiradep M, Gowshika S, Gowtham Sree M, Lekha M S, Mageshwaran G, Monica S, Sathya Shree G, Vaishnavi S, Vimalnath M G and Yuvaraj S completed their course with Elite +Gold tag and Apsha Sajna, Dhanushiya N, Keerthana V, Mythili L, Sabarinathan J, Shafrin A, Sharanya A S and Vaishnavi M completed their course as Toppers of 1% category.

Vimalleshwari L, Tamilarasi K and Sajitha S R from final year Civil Engineering have successfully completed the SWYAM-NPTEL online course on 'Wildlife Ecology' with Elite + Gold tag during Jul-Oct 2023.

The final year student Vidhya Bharathi S received the Best Student Award on the occasion of 56th Engineers' Day celebration in commemoration of the 163th birth anniversary of Bharat Ratna Dr.M.Visvesvaraya on 27.10.2023 from Erode Local Centre, The Institution of Engineers (India).

Arunramanan V, Harish Raj S, Harshini Varsha L B, Malarvizhi E, Monisha M S, Sudha S and Yuvavarshni P A got selected for internship in M/s Velalar Educational Trust, M/s Vaasthu Builders, M/s M P Selli Construction, M/s Sunstar Foundation Consultant, M/s Zeos Architects, M/s Sree Saravana Engineering and M/s M P Selli construction respectively.

Ratish S from second year has participated in Long Jump and 4 x 100m relay events and secured third position in the Anna University Zonal Tournaments 2023-24 held at Kongu Engineering College, Perundurai.

Sakthivel P, Abinivesh M B, Jeevanandam P and Shanjeev B participated in the one day workshop titled 'Smart Dynamic Concrete' organized by Vellore Institute of Technology, Vellore.

Chiradeep M & Sentamilselvan S from third year presented a paper titled 'Standard Penetration Test' and Kanish Kumar K S and Vimalnath M G presented a paper titled 'Types of Bridges' in the national level technical symposium organized by KPR Institute of Engineering and Technology, Coimbatore on 13.10.2023.

Arun Kumar A from final year Civil Engineering presented a paper titled 'Advantages of Pre-Engineered Steel Buildings over Conventional Steel Buildings' in the national level technical symposium organized by KPR Institute of Engineering and Technology, Coimbatore on 13.10.2023.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Programs organized:

Mrs Vidhya R and Dr Kavitha V have organized a five day online FDP on 'Employability Skills for Industry 4.0' under the Entrepreneurship Development and Industrial Coordination, Department by National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh from 16.10.2023 to 20.10.2023.

Association Activities:

Association of CSE organized an awareness program on 'Competitive Exam' on 20.10.2023 by Mr.Thiagarajan Thirunavukkarasu, Director, T.I.M.E – Erode.

The association of CSE organized a Hands on Training titled 'Web Design using Python' on 24.11.2023. Mr. S. Sathish Kumar, Centre Manager, Dream Zone, Erode – 638001 and Mr. Gowtham M, IT Trainer – Technical, CADD Centre, Erode – 638011 were the resource persons.

The association of CSE organized an Orphanage Visit on 25.11.2023 and gave awareness on 'Current Trends in Computer Science and Engineering'.

The association of CSE also organized a Hands-on Training on 'Future Technology in IoT and AI/ML' on 29.12.2023 by Mr. A. Kesavan, Chief Executive Officer, Svasti Technology Solutions, Madurai – 625016.

Data Pirates Club organized an online Workshop on 'Insight Ignition 2.0 (Power BI domination workshop)' on 14.11.23

Data Pirates Club organized 'Insight Ignition: An Intro to Data Analytics' on 8.11.2023.

Hacker's Bay Club organized a Placement Orientation Session for the pre-final year students on 02.11.2023. Thiru.Vamsi Krishna Komanduru, Chief Executive Officer, Dishak Technologies Private Limited, Bengaluru, addressed the students.

Hacker's Bay Club organized a Hands-on Training on 'GitHub Tour 2.0' for second and third year students on 21.11.2023.

Pylamp Club organized the following activities:

- 'Domain Realm 2.0' focused on discussing various domains, including enhancing clarity for individuals building their careers. The event was held on 19.10.2023. The event was conducted by Pylamp core members.
- 'SOLVIDE-2' focused on problem solving. The event was held on 10.11.2023 and conducted by Lamin Muhammed M, Tech Champ and Gokul S, Senior Pymentor.
- 'The Untold Story of AR/VR for Beginners' was held on 5.10.2023 and Mr. Logeshwaran P addressed the students.
- 'Exploring Graphic Designing & Creating Logo' using AI was held on 12.10.2023 conducted by Shakthi Varshaa R and Logamitra K M.
- 'The Art of App Development' was held on 26.10.2023 conducted by Maheen Muhammed Ismayeel M.
- 'Domain Realm - An Online Version' was held on 2.11.2023 was conducted by Sowbarnika S, Swathi N and Kaarthika M.
- 'Exploring Data Analytics' was held on 09.11.2023 conducted by Sivambiga S.
- 'Web 3.0 and Blockchain' was held on 16.11.2023 conducted by Mukilan S S.
- 'Domain Realm - An Online Version – 2' was held on 23.11.2023 conducted by Lamin Muhammed M and Sanjaykumar S
- 'Introduction To Open Source' was held on 30.11.2023 Elanngo Madheswaran and Sudarsan M.
- 'Success Stories & Strategies' was held on 07.12.2023 and it was honoured by Akila Subramaniam, Founder&CEO, Minnus Boutique.
- 'Generative AI & Deep Fake Insights' was held on 14.12.2023 conducted by Pylamp Core members like Karunya G S.
- 'Smart Home' was held on 21.12.2023 conducted by Santhiya V.
- 'Chat GPT Plus' was held on 28.12.2023 conducted by Mukilan S S.

Placement Activities:

- 19 students got placement in Coapps Development Solutions Private Limited, Chennai.
- Sruthi K I got placement in KGISL Information System, Coimbatore.
- Vighnesh Raagha V G got placement in Crypton Tech, Erode.
- 11 students got placement in Omega Health Care Pvt Ltd, Coimbatore.
- An Alumni Interaction Meet with second students on the topic 'Full Stack Development' was organized and Mr Muraleesh Duraisamy, (Our Alumnus, Batch: 2006 – 2010), General Manager, M/S. Schneider Electric India Pvt. Ltd., Bangalore, addressed the students.

Students Activities:

Ms Karunya G S, 732922CSR058 has won the First Prize in the event English Essay Writing Competition by Fine Arts Club of VCET in the view of Bharat Ratna Dr APJ Abdul Kalam's Birth Anniversary on 7.11.2023.

120 students of final year Computer Science and Engineering have completed their internships in various companies.

11 students of second Computer Science and Engineering have presented papers in National level Technical Symposium at Bannari Amman Institute of Technology, Sathyamangalam on 11.11.23.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Programs organized:

The Association of Electrical and Electronics Engineering EMERFLUX organized a guest lecture on 'Performance Improvement of Solar PV System' on 18.10.2023. Dr.D.Prince Winston, Dean (Research), Kamaraj College of Engineering and Technology, Virudhunagar and Mr.M.Pravin, M.E., Project Engineer, Green Solar Technology, Madurai were the chief guests of this function. Third year and final year students got benefitted from this program.

The Association of Electrical and Electronics Engineering EMERFLUX organized a guest lecture on 'Artificial Intelligence Techniques For Electrical Engineers' on 3.11.2023. Dr.K.Manimala, Associate Professor, Department of Information Science and Technology, College of Engineering, Anna University, Guindy, Chennai was the chief guest of this function. Third year and final year students were benefitted from this program.

The Association of Electrical and Electronics Engineering EMERFLUX organized a value added course on 'Building Electrical Estimation Drafting And Designing (2D)' from 3.11.2023 to 8.11.2023. Mr.V.Muthu Prakash, MEP Training Institute, Innovative Engineering Solutions, Chennai, was the resource person of the function. Second year students were benefitted from this program.

Placement Activities:

Three students secured placement in Indure Pvt Ltd.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Programs organized:

- A seminar on 'Role of Embedded Systems in Core Industries' was conducted on 03.10.2023 for second year ECE students.
- A seminar on 'Career Guidance on Higher Studies' was conducted on 03.11.2023 for third year ECE students.
- A seminar on 'Data Science – an Overview' was conducted on 08.11.2023 for third year ECE students.
- A seminar on 'Industry 4.0' was conducted on 21.11.2023 for second year ECE students.
- A Guest Lecture on 'Role of Training in Students Placements' was conducted on 14.11.2023 for third year ECE students.
- Hands on training on 'Electronic Product Design' was conducted on 17.11.2023 for second year ECE students.
- Hands on training on 'Empowering Educators: Modern Approaches to Teaching AI and Electronics' was conducted on 13.12.2023 for VCET Faculties.
- An Workshop on 'AI for Image Processing' was conducted on 20.11.2023 for second year ECE students.



Association Activities:

19th National Level Technical symposium of ECE student association - CENIREA & IETE Student Forum was conducted on 07.10.2023 for all the ECE students.

ATAL sponsored six days STTP on 'Design Challenges and Realization of Wearable Antennas from an Antenna Engineer Perspective' was conducted from 18.12.2023 to 23.12.2023 for faculties.

Placement Activities:

- 135 students of final year ECE have attended campus drive by M/S Coapps, Chennai on 18.10.2023 and Iyyappan V, Kumaraguru G, Mohidh K, Rohan R B, Sabarishwaran K, Sharmila M, Srinivya T, Subharanjitha E, Sunmathi V R and Vetrivel E M got placement in it.
- 40 students of final year ECE have attended campus drive by M/S Cryptron Technology, Erode, on 08.11.2023 and 2 students Keerthana V C and Pavithra B got Placement in it.
- 10 students of final year ECE have attended campus drive by M/S Imatiz, Bangalore on 06.11.2023 and 4 Students Kavin Prasanth M, Keerthana L, Keerti S R, Kumaraguru P got selected by it.
- 146 students of final year ECE have attended campus drive by M/S Kgis On Campus Placement Drive on 07.11.23 and 03 students Gokulapriya T, Kasiraj M R and Keerti S R got placement in it.
- 137 students of final year ECE have attended M/S Omega Healthcare on Campus Drive On 16.11.23 and 11 students Bavanthi R, Deebika Sri V, Dhanush S, Dharani R, Dharshini V, Dharsini P, Elakkiya P, Harini V S, Jaaswanth C R, Jayasri S and Sowmiya D got placement in it.
- 9 students of final year ECE have attended M/S Cadence on Campus Drive on 17.11.23 and 1 student was short-listed for the final round.
- 97 final year placement willing Virtusa Eligible ECE students have attended Company Specific Training Program by FACE Academy from 23.11.2023 to 01.12.2023.
- 97 students of final year ECE have attended M/S Virtusa On Campus Drive conducted on 10.12.23 and Prem S V got short-listed for the next round.
- 59 students of final year ECE have attended M/S Data Pattern on Campus Drive on 26.12.23 and 24 students shortlisted for the next round.
- 75 students of final year ECE have attended M/S Indure On Campus Drive on 29.12.2023 and 8 students Dhanaprakash T, Dharshan S, Goushickraj M, Gowtham R, Hariharan D S, Muthumanikkam A, Naveen S and Prem S V got placement in it.

Students Activities:

- Kavin S, Mohansundar Y, Ajitha A, Brindha S, Karthikraja G and Krithish D of third year ECE attended a workshop on 'NS3 Simulator' conducted by Kongu Engineering College, on 13.10.2023.
- Selvadharshini A of third year ECE attended a workshop on 'Startup Ignite – 2-day Bootcamp' conducted by AIC RAISE- Business Incubator, Coimbatore on 13.10.2023 and 14.10.2023.
- Vignesh S of third year ECE attended a workshop on 'The Complete Python Bootcamp from Zero to Hero in Python' conducted by Udemy on 13.11.2023.
- Vignesh S of third year ECE attended a workshop on 'Master Course: Fundamentals of Machine Learning (101 level)' conducted by Udemy on 15.11.2023.
- Selvadharshini A of third year ECE attended a workshop on 'Project based Workshop' conducted by PALS in association with MAM College of Engineering and Technology, Trichy on 28.11.2023.
- Srimathy C and Surega D of second year ECE presented their paper under different titles organized by KSR Institute of Engineering and Technology, Tiruchengode on 05.10.2023.
- Vimal Raj N and Vishnu R of second year ECE presented and won the second prize for their paper 'Electric Vehicles' organized by KSR Institute of Engineering and Technology, Tiruchengode on 05.10.2023.
- Devadharshini R, Anusuya S, Isaiyarasi K, Harishaa R, Hemavarshini S N and Kavin S of second year ECE presented their paper under different titles organized by Bannari Amman Institute of Technology, Sathyamangalam on 06.10.2023.
- Kavinraj M S, Nipuna A and Kavipriya B of third year ECE presented a paper titles 'Satellite Communication' organized by Kongu Engineering College, Perundurai on 11.10.2023.
- Nishanth P of third year ECE presented a paper titled 'Lifi Technology' organized by Kongu Engineering College, Perundurai on 11.10.2023.
- Vaishnavi A, Varsha D, Vinith M, Vinithkrishna V G, Shiradeep D and Shanavas J of second year ECE presented their papers under different titles organized by Salem College of Engineering and Technology, Salem on 13.10.2023.
- Dhanushya J, Aswathi G, Kanisk G R, Gokul Kannan C, Amrutha A, Amirthaa S A, Ajitha N, Deepa M, Abinaya K, Brindha S, Dhanushri S, Kavinraj M, Kavipriya B, Madhupriya M, Abinaya Shree C S, Bhuvana G and Haripriya I of second year ECE presented their papers under different titles organized Anna University Regional Campus, Coimbatore on 31.10.2023.
- Maithilishri B, Mowlika V, Kaviya K and Pradha K of third year ECE presented their papers under different titles organized by Sasurie College of Engineering on 04.11.2023
- Shanmuga Priya A and Sowndhariya K D of second year ECE presented a paper titled 'Satellite Communication' organized by Government College of Engineering, Erode on 16.11.2023.
- Naga Arjun J, Meghanath S, Mukesh P and Mohammed Anaz A of second year ECE presented their project on 'Smart Helmet using Arduino UNO' and awarded the 1st prize organized by Hindustan College of Engineering and Technology, Coimbatore on 08.11.2023.
- 38 students of third year ECE completed the SWYAM-NPTEL online certification course on 'Ethical Hacking' successfully.
- 9 students of third year ECE completed the SWYAM-NPTEL online certification course on 'Cloud Computing' successfully.
- 2 students of third year ECE completed the SWYAM-NPTEL online certification course on 'Multi Core Computer Architecture' successfully.

DEPARTMENT OF MECHANICAL ENGINEERING

Association Activities:

As part of our efforts to enhance the curriculum, an intra-departmental event on "Miniature Model Competition" on 06.10.2023 was conducted. Both second year and third year students enthusiastically took part in the event and derived valuable benefits from their participation.

In accordance with the MoU signed with Macbro Technology India Pvt Ltd, an Internship Training programme was organized for final year students from 16.10.2023 to 20.10.2023. Mr.R.Hariharasudhavelan, Training Manager, Macbro Technology India Pvt Ltd., Erode conducted the training sessions on industrial design practices using CATIA.

As part of enhancing the curriculum, a guest lecture was organized on 28.10.2023, centered around the Systems Approach for Engineers. Dr.M. Balamurali, Head, TS Srinivasan Centre for Automotive Research, Thiagarajar College of Engineering, Madurai provided an insightful presentation on the latest developments in automotive design and discussed potential career paths within the automobile industry. Additionally, he highlighted job prospects in both Central and State Government sectors.

A guest lecture titled 'Personality Development & Leadership' was conducted on 15.11.2023. Mr. V. Logesh, Graduate Engineer Trainee, Mapal India Pvt Ltd, Coimbatore graced the occasion as the chief guest. His insightful session inspired students towards their career advancement, delving into topics such as SSB exams and the nuances of effective leadership. Mr. Logesh, an esteemed alumnus of the batch 2019–23, shared valuable insights and experiences with the students.

As a component of curriculum enhancement, a workshop on 'Introduction to Automotive Plastic Design using CATIA' was conducted on 25.11.2023 for second year students. Mr. Sathiya Moorthi, Lead Technical, and Mr. R. Kingston, Design Engineer, SAN Engineering Solutions, Perundurai, conducted informative sessions providing hands-on training with CATIA software. They also shared valuable insights into various automotive technologies with the students, resulting in a rich learning experience for all the participants.

The Association organized a guest lecture titled 'Goal Setting & Confidence Building' on 09.12.2023. Mr. S. Jeevan Kumar, a distinguished Alumnus of batch 2019-2023, Graduate Engineering Trainee, Automotive Robotics (India) Private Limited, Chennai honored the event as the chief guest. His enlightening talk motivated the students in their pursuit of career growth, setting goals, and building confidence.

Placement Activities:

- 5 final year students of batch 2020-24 have attended off campus recruitment drive by Renault Nissan Technology and Business Centre India Pvt. Ltd., Chennai and Sapnaa N got placement in it.
- 39 final year students of batch 2020-24 have attended off campus recruitment drive by Team Detailing Solutions Pvt. Ltd., Chennai and Kishore S, Sabareesh P, Sandhiya R and Sri Vignesh K V got placement in it.
- 36 final year students of batch 2020-24 have attended on campus recruitment drive by Omega Healthcare, Coimbatore and Giriraj E and Sriram M got placement in it.

Students Activities:

- Second year student Karmegam S presented a paper on 'Quatum Technology' at Kongu Engineering College, Perundurai, Erode on 11.10.2023.
- Final year students Arnesh S, Pranesh Kumar A and Navin P attended a workshop titled 'Roker Bogie Stair Climbing' at Sri Venkateswara College of Engineering, Chennai on 28.10.2023 and 29.10.2023.
- Third year students Shri Harsan M and Jaya Shree S presented a paper on 'Hydrogen Fuel Cell' at Sasurie College of Engineering, Vijayamangalam, Tiruppur on 04.11.2023.
- 20 students attended various quizzes and workshops conducted by various institutions.
- 38 second year students have undergone industrial visit to Seshasayee Papers and Boards on 05.12.2023.
- 62 final year students have undergone in-plant training in various industries through online and offline mode for more than 45 days from October to December 2023.



DEPARTMENT OF MEDICAL ELECTRONICS

Programs organized:

19th National Level Students' Technical Symposium that unfolded on 7th October, 2023. Mr. Aravindh Panch, Social and Tech Entrepreneur, Co-Founder of araCreate, Germany consented to be the Guest for this symposium. This extraordinary event brought together minds from across the medical electronics landscape, creating an indelible mark of innovation and collaboration. With a dynamic agenda and a diverse array of activities, the symposium provided a platform for dialogue and progress at the intersection of technology and healthcare.

Embedded Sensor Systems in Medical Devices, a technical seminar was organized on 19th October, 2023. Mr. M. Boovanathan, Embedded System Engineer, ETS Academy, Erode was consented to be the guest speaker for this technical seminar. This seminar was a significant event which served as a platform for understanding the pivotal role of embedded sensor systems in the rapidly evolving landscape of medical devices, and it left a profound impact on all participants.

Students Activities:

Farzeen R, Gokul S and Sanjeev R of final year MDE and Akshara M, Bharanika S and Tharun V of third year MDE have participated in Smart India Hackathon at Manipal Institute of Technology from 19.12.2023 to 23.12.2023.

Kohila M of final year MDE has attended a conference at KSR Institute for Engineering and Technology and won the third place on 2.11.2023 - 3.11.2023.

Asmitha Fathima. M of second year has participated in a symposium at KSR Institute for Engineering and Technology on 2.11.2023 and 3.11.2023.



DEPARTMENT OF INFORMATION TECHNOLOGY

Association Activities:

- A workshop on 'UI / UX Design' was conducted on 14.10.2023 for the benefit of third year students.
- An 'Intra-Departmental Meet' was conducted on 20.10.2023 for the benefit of all students.
- A hands-on-training on 'Quick Calculations: Enhancing Speed Math Skills' was conducted on 27.10.2023 for the benefit of second year students.
- An Awareness program on 'Competitive Exams' was conducted on 27.10.2023 for the benefit of third year students.



- A session on 'Boost Your Idea to Startup' was conducted on 04.11.2023 for the benefit of third year students.
- An Awareness programs on 'Institutional Social Responsibility' was conducted by IT students on 15.11.2023 for the benefit of for Government school students.
- A session on 'Core Java – Made It Easy' was conducted on 22.11.2023 for the benefit of second year students.
- A contest on 'Marketing and Talent Hunt' was conducted on 25.11.2023 for the benefit of second year students.
- A session on 'Make it Easy- Linked-In & Power Point Presentation' was conducted on 30.11.2023 for the benefit of second year students.
- A session on 'Igniting Ideas, Inspiring Engineers- GitHub, HTML Basics' was conducted on 09.12.2023 for the benefit of second year students.
- A contest on 'Wealth out of Waste' art from waste materials was conducted on 09.12.2023 for the benefit of second year students.
- A contest on 'Inspire, Inform & Investigate 360° - A Case Study Presentation' was conducted on 16.12.2023 for the benefit of second year students.
- A seminar on 'Intelligence in Edge Computing' was conducted on 16.12.2023 for the benefit of second year students.

Placement Activities:

- Sandhya M of final IT year got placement offer in Crypton.
- Jananika M and Naveena R of final year got placement offer in KGiSL.
- Balaaravind M S, Harish C, Harish K, Indirajith N, Kanishka D, Kavina C M, Naveena R, Nithya L, Nivetha M R, Praveen Raj R, Saranya C, Soundharya C, Sri Nandhini R S, Sriram A, Srisabarish V, Vaishali T J and Vidhyashree A K of final year got placement offer in Omega Healthcare.

Students Activities:

- 4 students of second year IT attended a workshop on 'Mastering Ethical Hacking' conducted by KAR Institute of Engineering and Technology on 06.10.2023.
- Kanishka D, Krithika S and Madanika G K of final year IT attended a workshop on 'ns3 Simulation' conducted by Kongu Engineering College on 13.10.2023.
- Parthees P, Silambarasan S and Sanjay kumar G of second year IT attended a workshop on 'Graphic Design using Photoshop' conducted by Bannari Amman Institute of Technology on 05.12.2023 & 06.12.2023
- Devadharshini T and Jananika M of final year IT attended a webinar on 'Development Program on UHV' conducted by HKBK College of Engineering on 07.10.2023.
- Kanishka D of final year it attended a webinar on 'Graphic Design' conducted by Artisto Picasso E-Learning on 15.10.2023.
- Madanika G K of final year IT attended a webinar on 'Introduction to Ethical Hacking' conducted by Great Learning Academy on 15.10.2023.
- Vaishali T J of final year IT attended a webinar on 'Front End Development-HTML' conducted by Great Learning Academy on 24.11.2023.
- Navaneethan G and Praveenraj R of final year IT attended a webinar on 'Makethon- Techstars Startup' conducted by Startup in Erode Regional Hub from 26.10.2023 to 28.10.2023
- Sabarna L of third year IT attended a Chandrayaan-3 Maha Quiz conducted by ONLINE-My Gov on 01.10.2023.
- 6 students of third year IT attended a Quiz on 'Programming Concepts' conducted by Kongu Engineering College on 11.10.2023.
- Nathiya M of third year attended the Quiz Mania- National Level Technical Symposium MXCEL 2K23 conducted by Kongu Engineering College on 11.10.2023.
- Pravina Sri S of second year IT presented a paper on 'Internet of Things' conducted by Sri Ramakrishna Engineering College on 05.10.2023.
- 4 students of second year IT presented paper on 'Internet of Things' and awarded with the third prize conducted by KSR Institute for Engineering and Technology on 05.10.2023.
- Manisha S and Karthiga of third year IT presented paper on 'J R Holographic Data Storage Engineering' conducted by Kongu Engineering College on 11.10.2023.
- Kanimozhi S and Nathiya M of third year IT presented a paper on 'Internet of Things' conducted by Kongu Engineering College on 11.10.2023.
- Husna Marliya T, Kaviya B and Bhavanandhitha P of third year IT presented a paper on 'Application of AI in Civil Engineering' conducted by KPR Institute of Engineering and Technology on 13.10.2023.
- Dharani M, Hemayukitha S and Govarthini M of third year IT presented paper on 'Digital Twin' conducted by KPR Institute of Engineering and Technology on 13.10.2023.
- Haripriya S of second year IT presented paper on 'Ectolife' conducted by Bannari Amman Institute of Technology on 05.12.2023 & 06.12.2023.
- Parthees P of second year IT presented paper on 'Blockchain and Technology' conducted by Bannari Amman Institute of Technology on 05.12.2023 & 06.12.2023.
- Silambarasan S and Sanjay Kumar G of second year IT presented paper on 'Darkside of AI' conducted by Bannari Amman Institute of Technology on 05.12.2023 & 06.12.2023.
- Thanushree S of third year IT completed and received certification for the course 'Flutter for Beginners' conducted by Great Learning on 09.10.2023.
- 34 students of final year IT completed and received certification for the course 'Java Full Stack' conducted by Wipro-Milestone on 06.10.2023.
- Kanishka D of final year IT completed and received certification for the course 'Advanced Cyber Security' conducted by Great Learning Academy on 10.10.2023.
- 48 students of third year IT completed and received certification for the course 'Basics of Python' conducted by VCET on 20.11.2023.
- 69 students of third year IT completed and received certification for the course 'Java' conducted by VCET on 22.11.2023.
- Bhavadharani C, Kanisha M and Akshaya A of third year IT participated in 'Code master in C' contest conducted by Kongu Engineering College on 11.10.2023.
- 4 students of third year IT participated in 'Connection Contest' conducted by Kongu Engineering College on 11.10.2023.
- 6 students of third year IT participated in 'Connection Contest' conducted by KPR Institute of Engineering and Technology on 13.10.2023.
- Govarthini M and Bhavanandhitha P of third year IT participated in 'Coding Cracking in C' contest conducted by KPR Institute of Engineering and Technology on 13.10.2023.
- Jeevananthan B of third year IT participated in 'Multimedia Contest' conducted by VCET on 15.10.2023.
- Vijay K of final year IT participated in coding contest 'IBM Hack Challenge 2023' conducted by Coding Ninjas on 24.11.2023.
- 7 students of third year IT participated in 'Sneaking Suspicious' conducted by Kongu Engineering College on 11.10.2023.

- Poornimadevi R of second year IT participated in 'Poster Making' conducted by Anna University Regional Campus, Coimbatore on 07.11.2023.
- Nathiya M of third year IT participated in puzzle game and song competition in the National Level Technical Symposium MXCEL 2K23 conducted by Kongu Engineering College on 11.10.2023.
- Vaithees S of third year IT attended state level speech and essay writing competitions conducted by Kalaigarn Arivalayam on 09.11.2023.
- Sowndarya S of final year IT has successfully completed the SWAYAM-NPTEL online certification course 'E-business'.
- 1 student has secured Elite+ Silver tag, 16 students have secured Elite grade and 1 student has successfully completed the SWAYAM-NPTEL online certification course 'Entrepreneurship'.
- Yeshwanth of third year IT has been awarded Elite for the course SWAYAM-NPTEL online certification course 'Ethical Hacking'.
- 1 student of final year IT and 22 students of third year IT have secured Elite+ Silver tag, 12 students of final year IT and 59 students of third year IT have secured Elite grade, 4 students of final year IT and 9 students of third year IT have successfully completed the SWAYAM-NPTEL online certification course 'Introduction to Industry 4.0 And Industrial Internet of Things'.
- 2 students of final year IT have secured Elite tag and 2 students of final year IT have successfully completed the SWAYAM-NPTEL online certification course 'Introduction to Industrial Internet of Things'.
- 6 students of final year IT have secured Elite tag for the SWAYAM-NPTEL online certification course 'Organizational Behaviour'.
- 1 student of second year IT has been awarded Elite tag and 1 student of second year IT has successfully completed the SWAYAM-NPTEL online certification course 'Programming in Modern C++'.
- 5 students of third year IT have secured Elite tag and 20 students of third year IT have successfully completed the SWAYAM-NPTEL online certification course 'Software Testing'.

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Association Activities:

On behalf of Association of AI Engineers – ASPYRA, conducted a Technical Seminar on the topic 'Python Libraries For Data Science' on 09.10.2023 by Mr. Dhakshinamoorthi, Managing Director, ZENITECH PARK, Erode.

The association organized a hands-on training on the topic 'Quick Calculations: Enhancing Speed Math Skills' on 27.10.2023 by Mr. Thiagarman Thirunavukkarasu, Director, T.I.M.E., Erode.

The association also conducted a hands-on workshop on the topic 'Big Data Engineering and Cloud Database' on 04.11.2023 by Mr. Gowtham S.B, Data Engineer at Data Dotz.

A guest lecture on the topic 'Data Structures Using Python' was conducted on 18.11.2023. Mr. Dinesh Kumar - QA Engineer at Grab Taxi Holdings, Singapore was the chief guest and he also shared his knowledge and experiences in the field.

A seminar on the topic 'Importance of JAVA in IT Sector' was conducted on 18.11.2023 and 09.12.2023 by Ms. Pavithra, Senior Software Engineer at Ford Motors, Chennai.

An Interdepartmental activity 'Code Conflux' has been organized by the students on 29.11.2023.

A Seminar on the topic 'Startup Opportunities in Cyber Security' was conducted on 16.12.2023 by Mr. Deepak Chinnaraj, Manager at Comcast, Chennai.

A workshop on the topic 'Innovation & Creativity Enhancement for Students' was conducted on 22.12.2023 by Mr.K.Manoj Kumar, Expert Mentor, Data Science & AI, Boston Institute of Analytics, Coimbatore.

A seminar on the topic 'Carrier Opportunities in IT Sector' was conducted on 28.12.2023 by Mr. Muraleesh Duraisamy, General Manager, Schneider.

Students Activities:

13 students have cleared the SWAYAM-NPTEL online certification course 'Software Engineering' during October 2023.

3 students of second year AI&DS participated in a two day DRDO sponsored National level Seminar on 'Navigating Cyber Security Challenges and Safeguarding Data Privacy in the Digital Age' from 2.11.23 to 3.11.23 at Kongu Engineering College, Erode.

5 students have participated in the National Level Technical Symposium – IGNIS'23 held on 05.12.2023 and 06.12.2023 at Bannari Amman Institute of Technology, Sathy.

18 students have participated and presented their innovation ideas for 'Dark Patterns Buster Hackathon' held at Velalar College of Engineering and Technology on 29.12.2023.

4 students have attended the National Level Workshop on 'Skills needed for Full Stack Developer' on 13.10.2023 at KSR College of Engineering, Tiruchengode.

2 students have attended Tinkathon Workshop organized by PALS in MAM College of Engineering and Technology, Trichy on 28.11.2023.

5 students have attended a workshop under the topic 'Arduino Robotics', held at SNS College of Technology on 04.12.2023.

1 student has successfully completed four weeks virtual internship program in Data Science from 05.12.2023 to 05.01.2024.



DEPARTMENT OF MANAGEMENT STUDIES

Association Activities:

Khadi Expo 2023 was organized in view of Khadi Week Celebration on 30.10.23 for the benefits of the students. The function was felicitated by Khadi Mahotsav & Chen-Cooptex, Erode.

A seminar on the topic 'Recent Trends and Challenges in Indian Business' was organized on 09.11.23. Shri.P. Karthik, Managing Director, Hydro World Limited, Erode was the resource person.

A seminar on the topic 'Employment and Business Opportunities for MBA's' was organized on 16.11.23. Shri. Karthik Senthilkumar, Secretary - NIPM Erode Chapter, Founder - Boom HR Solution, Director, Team Qore Management India (P) Limited, Erode, was the resource person.

A workshop on the topic 'Perception & Mindsets of Management Students' was organized on 27.11.23. Mr.Ajith Selvaraju, Founder & CEO N'Kisi Institute of Training, Salem was the resource person.



NCDEX IPFT sponsored workshop on the topic 'Commodity Derivative Markets' was organized on 30.11.23. Mr.E.Ilango, Assistant General Manager, SEBI, Chennai & Mr.Harvinder Singh, Vice President, Inspection & Enforcement, NCDEX & Mr.Ratnesh Mishra, Manager, Regulatory Compliance, NCDEX & Dr.K.Prabhakaran, Empanelled Resource Person – NCDEX and Director, EDIFY EDTECH, Coimbatore were the resource persons.

A seminar on the topic 'Venture Capital Financing: Small Investment Big Impact' was organized on 22.12.23. Dr.V P Nallaswamy, Principal, VET Institute of Arts and Science, Erode was the resource person.

Placement Activities:

- 30 students got placement in Sutherland IT Services, Chennai.
- 7 students got placement in ESAF bank.
- 19 students got placement in Muthoot Finance Corp. Pvt Ltd.

Students Activities:

4 students participated in the 'National IPR Awareness Program' held by the IPO, New Delhi on 26.10.2023.

15 students participated in the seminar on 'How to Thrive in a Family Business Management' held by the Young Entrepreneur School on 16.10.2023.

3 students participated in the National level seminar on 'Financial Wellness Program' held by Patrician College of Arts & Science on 10.10.2023.

Sanjula G, Sri Sanjana Devi TS, and Thenish J of second year M.B.A presented a paper entitled "Innovative and Sustainable Management Practices" in the International Conference on 'Sustainable Management Practices' organized by Patel Institute of Science & Management, Bengaluru, on 30.10.2023.

Indhumathi G, Priyanga S, and Dharshini T of second year M.B.A presented a paper entitled "Innovative and Sustainable Management Practices" in the International Conference on 'Sustainable Management Practices' organized by Patel Institute of Science & Management, Bengaluru, on 30.10.2023.

Dhivya R S, Priyanga S, Surya S and Dharshini T of second year M.B.A presented a paper entitled "Digital Transformation of Global Trade Market" in the International Conference on 'Digitalization of Global Business Environments 2.0' organized by Rathinam College of Arts & science, Coimbatore on 16.10.2023.

Sanjula G, Sri Sanjana Devi TS, Akshayaa M and Thumila Sri J J of second year M.B.A presented a paper entitled "AI IN Talent Acquisition and Recruitment" in the International Conference on 'The Future of Work: Redefining Business Management in the Age of Automation & Artificial intelligence' organized by Adarsh Institute of Management & IT, Bengaluru on 06.10.2023.

An industrial visit to Kanan Devan Hills Plantations Ltd, Munnar was organized on 03.11.2023. 52 students of second year MBA took part in the industrial visit. The visit helped them relate their theoretical knowledge with its practical implementation, which in turn enhances their understanding of the subject and moreover brings clarity about their career.

An industrial visit to Cochin Port trust, Cochin, was organized on 4.11.2023. 52 students of second year MBA took part in the industrial visit. The visit was an informative and a remarkable experience; they learned a lot of inputs for their professional career.

DEPARTMENT OF SCIENCE AND HUMANITIES

DEPARTMENT OF MATHEMATICS

Programs organized:

Mathematics Colloquium of Department of Mathematics celebrated the National Mathematics Day on 22.12.2023 to commemorate the 136th Birth Anniversary of Srinivasa Ramanujan. Thiru.S.D.Chandrasekar, Secretary and Correspondent presided over the function. Dr.M.Eswaramurthi welcomed the gathering, our Principal Dr.M.Jayaraman felicitated the programme. Dr. K.K. Mythili, M.Sc., M.Phil., P.G.D.C.A., Ph.D., Associate Professor and Head, Department of Mathematics (CA), Vellalar College for Women was the chief guest. She shared her thoughts and ideas on the topic "Logicism in Mathematics". Around 135 members participated in the programme.



CLUB ACTIVITIES

English Literary Association

English Literary Association of VCET has organised 12 programmes from October to December 2023. It includes Open Mike-2, 3 and 4 on 06.10.2023, 04.11.2023 and 18.11.2023 respectively. It has conducted three competitions, namely, Spell Bee, Slogan Writing and Essay Writing on 30.10.2023, in which nearly 70 first year students participated and the best slogans and essays were selected for certification. The event Lexico Challenge was conducted on 03.11.2023 for the second year students. It aimed at improving the vocabulary of the participants. Sub events like Word Quest, Vocab Voyage, Letter Lock, Synonym Safari and Word Warrior were also conducted, in which nearly 100 second students participated. Mingle Magic and Mingle Magic Workshop were conducted on 07.11.2023 and 09.11.2023 for the third year students. The events aimed to develop the interview skills of the students. They also aimed at gaining tips for job etiquette.

ELA has arranged for an interactive session with our alumnus Ms. Suganthika R, batch 2017 – 2021, Associate Software Engineer, Coimbatore on 09.12.2023. The event started with a glimpse about the introduction of IT multi-national companies and the participants learned about communication skills at workplace.

As part of language enhancement activities, the ELA of VCET has organised an awareness programme on Aptis, an English Language Assessment Solution, on 28.12.2023. Mr. E. John Vincent, Senior Manager, Business Development, British Council - India, Chennai briefed about Aptis for the first year students.

Youth Red Cross

Youth Red Cross volunteers of our college conducted the Dengue Fever Awareness Campaign at our college campus among the students of our college on 27.11.2023. This campaign includes the spreading method, prevention methods, and symptoms of dengue fever. 11 YRC student volunteers participated in this campaign.



Erode Forest Department (Chennimalai Region) has organized a cleanliness programme at Vellore Bird Sanctuary, Erode on 29.12.23. In this programme 25 Youth Red Cross volunteers of our college participated as part of their social activities.

JCI Club

The JCI Club of VCET involved in mass cleaning campaign at Velalar College of Engineering and Technology, Thindal, Erode on 06.06.2022. 25 volunteers of JCI Club along with JCI Club Co-ordinator Mr.R.Balasubramanian AP / Chemistry were involved in the mass cleaning campaign.

The JCI Club of VCET organized a special Aadhar camp for correction and updation at Velalar College of Engineering and Technology, Thindal, Erode along with Postal Department from 7.10.2023 to 11.10.2023. 15 Volunteers of JCI Club involved in this camp. Students and staff members get benefited through this camp.

The JCI Club students attended a District Level Workshop on Climate Change on 20.10.2023 organized by the Department of Environment and Climate Change, Tamil Nadu Climate Change Mission at District Collectorate, Erode.

The JCI Club of VCET and JCI Excel Erode conducted a marathon for school students towards peace on 26.11.2023. 1500 school students participated in this marathon towards peace. Our Secretary and Correspondent Thiru. S.D. Chandrasekar has flagged off the event.

The JCI Club of VCET conducted a motivational lecture on 'Role of Youngsters in Agriculture' on 09.11.2023 at L-Block Seminar Hall. Mr.C. Muthukumar, B.A, LLB (Hons), LLM (IPR), Advocate, High Court, Chennai delivered a special lecture for the first year students.

The JCI Club of VCET organized a special New Electoral ID Card Enrollment and Updation camp at Velalar College of Engineering and Technology, Thindal, Erode along with Electoral Department from 8.12.2023 to 9.12.2023. 15 volunteers of JCI club involved in this camp. Students and staff members get benefited through this camp.

The JCI Club of VCET actively participates in census camp along with Erode Forest Department on 29.12.2023 at Vellore Bird Sanctuary. 20 volunteers of JCI club along with JCI club co-ordinator Mr.R. Balasubramanian AP / Chemistry involved in the camp.



Green Club

Green club of VCET has conducted an awareness programme on 'Importance of Energy Conservation' at Velalar College of Engineering and Technology on 18.12.2023 in connection with Energy Conservation Day. Dr.M. Jayaraman, Principal, presented the importance of paper, Prof. P. Jayachandar, Dean, Dr.M.Eswaramurthi, HOD/S&H, Green Club volunteers along with around 300 students and Dr. M.Sridharan, Green Club co-ordinator also participated in this programme.

Erode Forest Department (Chennimalai Region) organized a cleanliness programme at Vellore Bird Sanctuary, Erode on 29.12.23. In this programme 20 Green Club volunteers of our college participated as part of their social activities.



Entrepreneurship Development Cell

EDC organized a seminar titled 'Entrepreneurial Opportunities in Automotive Sector' on 28.10.2023. Dr.M.Balamurali, Centre Head, T S Srinivasan Centre forAutomotive Research, Thiagarajar College of Engineering, Madurai, was the resource person.

EDC organized a workshop on 'Design Thinking and Innovation for Entrepreneurship' on 07.11.2023. Dr.M.Jayaraman, Principal, Velalar College of Engineering and Technology, Thindal, Erode, was the resource person.

EDC of VCET organized a seminar on 'Important Qualities for Successful Entrepreneurs' on 09.11.2023. Mr.M.Gowtham, Manager, CCTV Store, Erode was the resource person.

The cell organized a workshop on 'Business Startup Ideas for Aspiring Entrepreneurs' on 09.11.2023. Mr.M.Parthiban, Additional Director, Caliber Embedded Technologies India Pvt, Ltd., Salem, was the resource person.

EDC organized a workshop on 'Problem Solving and Ideation' on 15.11.2023. Mr. Vamsi Krishna Komanduru, Chief Executive Officer, Dishak Technologies Pvt Ltd. Bengaluru, was the resource person.

EDC organized a seminar on 'Entrepreneurial Opportunities for MBA' on 16.11.2023. Shri Karthik Senthilkumar, Secretary-NIPM Erode Chapter, Founder – Boom HR Solution, Director, Team Qore Manangement India (P) Limited, Erode, was the resource person.

The cell organized a workshop on 'Entrepreneurship and Innovation as Career Opportunity' on 24.11.2023. Mr Janarthanan A, CEO & Founder of Genie Magnet, Digital Marketing Agency, Erode, was the resource person.

EDC organized a seminar on 'Technology's Impact on Entrepreneurship' on 25.11.2023. Dr.T.Sureshkumar Ph.D., Managing Director-Vaibavi Decoration, Founder & Chairman in GiB, Director in KITCO., Erode, was the resource person.

EDC organized a workshop on 'Entrepreneurship Development' on 25.11.2023. Mr.S.Logeshkumar MBA, FDPM (IIM-A), (Ph.D) Administrative Officer, VET Institute of Arts and Science College, Erode, was the resource person.

EDC organized a seminar on 'Essential Qualities of a Successful Entrepreneur' on 01.12.2023. Thiru M.S.Kesavamurthi, Proprietor, SUN Bus Body Builder, Erode, was the resource person.

The cell organized a workshop on 'Design Thinking and Innovation in the Automotive Sector' on 16.12.2023. Mr. R. Kingston, Design Engineer, SAN Engineering Solutions, Erode, was the resource person.

EDC organized a workshop on 'Start up Opportunities in Cyber Security' on 16.12.2023. Mr. Deepak Chinnaraj, Manager, Comcast Technologies, Chennai, was the resource person.

EDC organized a workshop on 'Innovation & Creativity Enhancement for Students' on 22.12.2023. Mr.K.Manoj Kumar, Expert Mentor, Data Science & AI, Boston Institute of Analytics, Coimbatore, was the resource person.

Fine Arts Club

Fine Arts Club of VCET organised English essay writing competition with the theme 'How the Man of Integrity, Dr.APJ Abdul Kalam, Inspired your life' on 07.11.2023, in honour of Bharat Ratna Dr.APJ Abdul Kalam's birth anniversary.

The club also conducted English elocution competition in honour of Bharat Ratna Dr.APJ Abdul Kalam's birth anniversary on the topic 'Missile Man of India - Dr.APJ Abdul Kalam' on 08.11.2023.



Rotaract Club

To honor the birth anniversary of Mahatma Gandhi, the father of our nation, the Rotaract Club of Vellalar College of Engineering and Technology celebrated Gandhi Jayanti on 02.10.2023.

Contributing to the awareness of the cleanest nation, cleaning in and around the areas of the college campus was held on 3.10.2023.

To raise awareness among teenagers about stamp and postal collection, Stamp Exhibition was conducted on 10.10.2023 in view of Postal Day.

'The Real Miss' and 'Being Savvy' awareness programs were conducted for the students of Vellalar Matriculation Higher Secondary School for Girls and for the first year students of VCET in observance of International Girl Child Day on 11.10.2023. Mrs. R. Sudha Mani, M.Com, B.L., led the session.

To fostering connections with fellow Rotaractors, VCET Rotaractors enthusiastically engaged in the District Rotaract Fellowship on 15.10.2023 in Avinashi.

To commemorate Dr. APJ Abdul Kalam's birth anniversary, the Club hosted an Online Drawing Competition.

To create a sense of solidarity and collaboration among its members, a general body meeting was convened on 19.10.2023.

In collaboration with the Rotaract Club of PPG Institute of Technology and Rotary Club of Sai Baba Colony, the club exchanged the Letterheads of the respective clubs on 26.10.2023 to foster a stronger sense of community.

An educational loan awareness program titled 'Education Loan Awareness Mela' was held on 27.10.2023, at Erode, to foster detailed information on eligibility criteria, application procedures, interest rates and repayment options. The event aimed to inform and discuss the norms and intricacies of educational loans through a series of insightful initiatives.

The Rotaract Club of VCET felt more contended in hosting a session on Karl Marx Philosophy in collaboration with the Rotaract Club of Erode on 29.10.2023 at Rotary CD Hall. Karl Marx's philosophy, as articulated by Thozhar Swaminathan, remains an influential source of inspiration and critical analysis for understanding the dynamics of society, class, and the pursuit of a more equitable and just world.

The National Unity Day was observed on 31.10.2023, to commemorate the birth anniversary of Sardar Vallabhbhai Patel, who played a crucial role in the unification of India after gaining independence from the British rule.

Vigilance Awareness Week (VAW) 2023 with the theme 'Say No to Corruption; Commit to the Nation' was observed from 30.10.2023 to 05.11.2023. As a crucial part of this initiative, an integrity pledge was administered on 31.10.2023.

The Rotaract Club of VCET felt grateful in partaking in the District Rotaract Trekking – 'Outlander' hosted by the Rotaract Club of Adaiyalam on 04.11.2023 at Munnar, Kerala. The event was conducted to foster a profound sense of fellowship and networking among Rotaractors from different clubs.

An Education Loan Awareness Programme was held on 06.11.2023 at L-Block Seminar Hall with an aim to ensure that every meritorious student though poor is provided with an opportunity to pursue education.

A noteworthy event titled 'Say No to Crackers' was organized to create awareness and emphasize the importance of celebrating festivals in an eco-friendly and sustainable manner on 09.11.2023 to make the students aware about the hazardous effects of bursting crackers on Diwali.

The Rotaract Club of VCET in collaboration with INFOAUXONO and ELEVATOR, celebrated Children's Day on 15.11.2023 at Government High School, Thindal, Erode. The day featured engaging activities, including interactive sessions by the Rotaract Club, educational games by INFOAUXONO, and the ELEVATOR club.

On 22.11.2023 the Club actively participated in a noteworthy Walkathon event, contributing to the vibrant atmosphere starting from Kani Ravuthar Kulam to the college.

Voters' ID Awareness Program for first year students was held on 22.11.2023 to recognizing the importance of civic engagement.

An Education Loan Awareness Programme was conducted on 22.11.2023 with the aim of ensuring that every meritorious yet financially disadvantaged student is provided with an opportunity to pursue education. Mr. K. Gowri Shankar, LDM (Lead District Manager) of Canara Bank, Erode, served as a keynote speaker during the event.

An one day intra-college symposium, KNACK'23, was held on 25.11.2023. This event promised to be an extraordinary showcase of talent and knowledge. Mrs. Nivetha Vinothkumar, Secretary, Rotary Club of Erode, Thindal, and Mr. Vinothkumar, Member of Rotary Club Erode, Thindal, have been invited as the chief guests for the event.

A Photography Contest, 'Living Creatures and Nature' has unfolded its visual narrative from 30.11.2023 to 06.12.2023. The event proves to be a celebration of creativity and a testament to the talent of the young minds.

'Planting of Saplings' was held on 06.12.2023. This initiative stood out as a commendable effort to nurture our environment, with a primary focus on safeguarding our planet and saplings were also distributed to the first year students.

Heartfelt honour was expressed to Mahakavi Bharathiyar on his birth anniversary on 11.12.2023 by adorning his photograph with flowers.

A quiz competition was conducted on 22.12.2023 to honour Srinivasa Ramanujan's birth anniversary celebrated as 'National Mathematics Day'. A total of 80 students enthusiastically participated in the event, showcasing their knowledge and competitive spirit.

For the children residing in the orphanage located in Palayapalayam, the club volunteers in collaboration with the Rotaract Club of Erode Cosmos, organized a heart warming initiative to provide a delicious meal on 24.12.2023 and gifts were distributed on Christmas Eve for the orphanage children.

The Rotract club played a pivotal role in volunteering the Governor's visit to the Rotary Club of Erode, Thindal on 26.12.2023 at Rotary CD Hall. This collaborative effort not only showcased the spirit of teamwork but also underscored the club's commitment to community service and engagement.

A blood donation camp was organized on 28.12.2023, with the esteemed presence of Thiru. K. V. Ramalingam, Former Minister of Youth Welfare and Sports Development, Government of Tamil Nadu, as the chief guest. The event aimed to contribute to the noble cause of blood donation and promote awareness about its importance in saving lives.

On 31.12.2023, the VCET Rotaract Club made a heartfelt donation by giving the impoverished in and around Erode GH a satisfying and nourishing supper.

Red Ribbon Club

A programme 'E-service Centre Special Camp' (Adhar Correction, Nativity, Community certificate) for B.E./B.Tech students was organised by Red Ribbon Club on 17.10.2023.

On 21.11.2023, a general medical check-up camp was held for B.E. / B.Tech students. About 150 students benefited from this medical camp.



Faculty Achievements

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

DEPARTMENT OF BIOMEDICAL ENGINEERING

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

Mr.R.Saravanakumar attended an International Conference on 'Self Sustainable Artificial Intelligence Systems' and presented a paper titled 'Optimal Load Flow Analysis for Distributed Generation in Radial Distribution Systems using Modified Newton Raphson Method' at M.P.Nachimuthu M. Jaganathan Engineering College, Chennai from 18.10.2023 to 20.10.2023.

Ms.M.Sharmila attended an International Conference on 'Self Sustainable Artificial Intelligence Systems' and presented a paper titled 'Efficient Brain-Computer Interface for Attention Detection in Health Care Industry' at M.P.Nachimuthu M. Jaganathan Engineering College, Chennai from 18.10.2023 to 20.10.2023.

Mr.K.Rajaram attended IAGES Mid-Term Conference 2023 and Fellowship Course in Bhopal from 28.10.2023 to 29.10.2023.

Dr.J.Rajalakshmi and Ms.S.Maheswari attended the 2nd International Conference on 'Automation, Computing and Renewable Systems' and presented a paper titled 'Analysis of Ectopic Pregnancy in first trimester Fetal Ultrasound Images using Machine Learning Technique', at Mount Zion College of Engineering & Technology, Pudukottai from 11.12.2023 to 13.12.2023.

Dr. N. Jeyashanthi attended a National Conference on 'Recent Advances of Nanoscience in Healthcare' at KSR Institute for Engineering and Technology from 02.11.2023 to 03.11.2023.

Dr.N.Jeyashanthi acted as mentor for the SWAYAN-NPTEL online certification course 'Advance Course in Social Psychology'.

Ms.R.Indhumathi, Ms.R.Leelavathi and Dr.J.Rajalakshmi acted as mentors for the SWAYAN-NPTEL online certification course 'Entrepreneurship'.

Mr.M.Saravanakumar acted as mentor for the SWAYAN-NPTEL online certification course 'Electronic Systems for Cancer Diagnosis'.

Dr.N.Jeyashanthi completed the SWAYAN-NPTEL online certification course 'Cell Culture Technology' with Elite + Silver tag.

Dr.S.Sudha completed the SWAYAN-NPTEL online certification course 'Control System' with Elite + Silver tag.

Ms. P. Georgia Chris Selwyn and Ms.M.Sharmila completed the SWAYAN-NPTEL online certification course 'Cell Culture Technology' with Elite tag.

Ms.R.Leelavathi completed the SWAYAN-NPTEL online certification course 'Accreditation and Outcome based Learning' with Elite + Silver tag.

Ms.A.Kalyani completed the SWAYAN-NPTEL online certification course 'Cell Culture Technology' successfully.

Mr.S.Govindaraj completed the SWAYAN-NPTEL online certification course 'Control System' successfully.

DEPARTMENT OF CIVIL ENGINEERING

Dr.C.Karthik, Mr.S.Suresh and Mr.S.C.Sarath Kumar presented a paper titled 'Experimental Study on Flyash Based Glass Fiber Foam Concrete' at the Fifth International Conference on 'Recent Advances in Materials and Manufacturing' (ICRAMM 2023) organized by the Department of Mechanical Engineering, VCET on 29.12.2023.

Mr.S.Sarath Kumar successfully completed the SWYAM-NPTEL online certification course on 'Advanced Reinforced Concrete Design' during Jul-Oct 2023.

Ms.A.Anitha and Mr.S.Suresh were awarded as top performing mentors for the NPTEL online course on 'Wildlife Ecology' during Jul-Dec 2023.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

Dr.S. Russia has presented and published a paper on 'A Novel Structure to Mine High Utility Items Based on Transactional Weights' in the First International Conference on 'Advances in Electrical, Electronics and Computational Intelligence' (ICAECCI 2023) held at K.S.R. College of Engineering, Tiruchengode, during 19 - 20, October 2023.

Mrs. R Vidhya presented and published a paper on 'Map Reduce Based K-Means Genetic and C- Means Fuzzy Clustering Formation for Community Detection and Community Validation' in the 7th International Conference on 'Electronics Communication and Aerospace Technology' (ICECA2023) held at RVS Technical campus, Sulur, Coimbatore, during 22-24, November 2023.

Dr.S.Russia acted as a Resource Person in the Seminar on the topic on 'Data Science – Overview' organized by Rendering Clan Technical Club, ECE Department, VCET on 08.11.2023.

Dr.S.Russia acted as a Resource Person in SERB sponsored 2nd National Level Technical Symposium on 'Innovations in Intelligent Systems and Soft Computing' on the topic 'Soft Computing and Intelligent Systems: Techniques and Applications' at Muthayammal Engineering College, Rasipuram on 06.01.2024.

Dr.V.Latha Jothi received SWAYAM-NPTEL Top performing Mentor certificate for the course 'Introduction to Internet of Things' during July-December 2023.

K.Mohanapriya received SWAYAM-NPTEL Mentor certificate for the course 'Introduction to Internet of Things' during July-December 2023.

Dr.S.Russia received SWAYAM-NPTEL Mentor certificate for the course 'Organizational Behaviour' during July-December 2023.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

Ms.S.Yamuna, Mr.S.Ashwanth organized a seminar on 'Role of Embedded systems in Core Industries' conducted at VCET on 03.10.2023.

Ms. S.Pavithra, Dr.V.Gowrishankar, Mr.Nachimuthu organized a seminar on 'Data Science - Overview' conducted at VCET on 08.11.2023.

Ms.S.Yamuna and Mr.S.Ashwanth organized a hands on training on 'Electronic Product Design' conducted at VCET from 17.11.2023 to 18.11.2023.

Ms. S. Yamuna and Mr. S. Ashwanth organized a workshop on 'AI for Image Processing' conducted at VCET on 20.11.2023.

Dr. S. Rajan, Dr. M. Parimaladevi, Dr. V. Gowrishankar and Mr. S. Nachimuthu organized a hands on training on 'Empowering Educators: Modern Approaches to Teaching AI and Electronics' conducted at VCET on 13.12.2023.

Dr. K. Senthil Prakash and Dr. S. Mahendrakumar organized an ATAL STTP on 'Design Challenges and Realization of Wearable Antennas from an Antenna Engineer perspective' conducted at VCET from 18.12.2023 to 23.12.2023.

Dr. S. Rajan presented a paper on 'Electricity Generation of Dynamic Bifacial Solar Panels using IoT' in the 'International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS 2023)' conducted by M. P. Nachimuthu M. Jaganathan Engineering College, Erode, from 18.10.2023 to 20.10.2023.

Dr. S. Rajan presented a paper on 'A Versatile Robotic Device Designed to Perform Cleaning Tasks on Floor Surfaces' in the 'International Conference on Sustainable Communication Networks and Application (ICSCNA)' conducted by Bharath Niketan Engineering College, Theni from 15.11.2023 to 17.11.2023.

Dr. M. Parimala Devi, Dr. V. Gowrishankar and T. Sathya applied for a research proposal of 'Managing Menstrual Waste: A study on Assessing the Implementation of the Incinerator in the Schools at Erode District Educational Block' under Indian Council of Social Science Research on 18.10.2023.

Mr. G. Boopathi Raja, Dr. M. Parimala Devi, Ms. T. Sathya, and Mr.Arun Seeralan Balakrishnan prepared a book chapter on 'Collaboration of Blockchain-Based Digital Twins in the Healthcare Industry: From Idea to Implementation' in the book 'Blockchain-Based Digital Twin Research Trends and Challenges', under Apple Academic Press CRC Press on October 2023.

DEPARTMENT OF MECHANICAL ENGINEERING

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

Dr. R. Prakash, V. Mohankumar and Dr. R. Kumaravelan presented a paper on 'Effect of Packing factor on Energy Performance of Solar PVT Water-Heating Collector System – An Experimental Study' in the International Conference on 'Recent Advances in Materials and Manufacturing' (ICRAMM 2023) from 29.12.2023 to 30.12.2023.

V. Mohankumar, Dr. R. Prakash, A. Manoj Kumar and Dr. R. Kumaravelan presented a paper on 'Effect of Tea Leaf Waste Powder Fillers on Mechanical Properties of Snake Grass- Jute Fibers Reinforced Hybrid Epoxy Composites' in the International Conference on 'Recent Advances in Materials and Manufacturing' (ICRAMM 2023) on 29.12.2023 & 30.12.2023.

D. Senthil Kumar, K. Ramakrishnan and A.T. Navin Prasad presented a paper on 'Process Parameter Optimization of Electro Chemical Discharge Machining of Borosilicate Glass Using Grey Relational Analysis and Fuzzy TOPSIS' in the International Conference on 'Recent Advances in Materials and Manufacturing' (ICRAMM 2023) on 29.12.2023 & 30.12.2023.

A.T.Navin Prasad, D. Senthil Kumar, K. Ramakrishnan and Dr. R. Kumaravelan presented a paper on 'Comprehensive Review on Single Slope Solar Still – Recent Advancements, Performance Enhancement and Economic Analysis' in the International Conference on 'Recent Advances in Materials and Manufacturing' (ICRAMM 2023) on 29.12.2023 & 30.12.2023.

Dr.S.Velumani presented a paper on 'Optimization of Mechanical Properties of Calotropis Gigantea Fiber Reinforced Epoxy Resin Composites using Response Surface Methodology' in the International Conference on 'Recent Advances in Materials and Manufacturing' (ICRAMM 2023) on 29.12.2023 & 30.12.2023.

Dr. R. Kumaravelan authored the book titled "Engineering Thermodynamics" published by Sri Krishna Hitech Publishing Company Pvt. Ltd., Chennai with the ISBN: 978-81-19432-11-0.

A. Manojkumar acted as a Mentor for SWAYAM-NPTEL online certification course on "Work System Design" from Jul-Dec 2023.

21 students completed 5 various SWAYAN-NPTEL online certification courses during July- October 2023 and 4 students secured Elite grade.

Dr. S. Velumani, Dr. R. Prakash, M. Gopi, D. Kesavan, T.C.R. Dinesh, V. Mohankumar and A.T. Navin Prasad have acted as a Session Chairperson for the ICRAMM 2023.

DEPARTMENT OF MEDICAL ELECTRONICS

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

Dr. M. Pravin Kumar completed SWAYAN-NPTEL online certification course on 'Educational Leadership', with Elite Gold tag conducted by Indian Institute of Technology, Kharagpur during October 2023.

DEPARTMENT OF INFORMATION TECHNOLOGY

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

Ms. T. Saranya, attended and received the certification for the online course 'Principles of Generative AI Certification' conducted by Infosys Springboard on 26.10.2023.

Ms. T. Saranya, attended and received the certification for the online course 'Applied Generative AI certification' conducted by Infosys Springboard on 30.10.2023.

Mr. C. Saravanan has secured Elite tag for the SWAYAM-NPTEL online certification course 'Python for Datascience'.

Ms. T. Nithya and Ms. T. Dhivya have been awarded Elite tag and Ms. M. Ramya and Ms. E. Sudha have successfully completed the SWAYAM-NPTEL online certification course 'Introduction to Interactive Design'

Ms. K. Nevedha has been awarded Elite+Silver tag and Ms. V. Gomathi has been awarded Elite tag for the SWAYAM-NPTEL online certification course 'Programming in Java'.

Dr. M. Kavitha has been awarded Elite+Silver tag for the SWAYAM-NPTEL online certification course 'Introduction to Industry 4.0 and Industrial Internet of Things'.

Mr. K. Gopalakrishnan attended an International Conference on 'Transforming Engineering' and presented a paper 'Classification of Weeds in Soybean Crops using Deep Learning Algorithm' conducted by Hindustan College of Engineering and Technology from 29.11.2023 to 30.11.2023.

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Seven programmes were attended by faculty members in the Department of Artificial Intelligence and Data Science.

Dr. S. Sadesh acted as a reviewer for the outstanding contribution to 1st International Conference on 'Deep Learning, IoT, Drone Technology, Smart Cities & Application' (ICDIDSA-23) held on 29-30 November 2023, organized by the Department of Electronics and Telecommunication Engineering, Sandip Institute of Technology and Research Centre, Nashik, Maharashtra, India.

DEPARTMENT OF MANAGEMENT STUDIES

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

Dr.T.Vetrivel presented a paper in the National Conference on "e-CRM Practices", organized by PSG-IM, PSG College of Technology, Coimbatore on 14.10.2023.

Dr.T.Vetrivel presented a paper titled 'Impact of G20 in Smart Agriculture – The Boom of Sustainable Development in Future India', in the International Conference on 'Digitalization of Global Business Environment 2.0' organized by Rathinam College of Arts and Science College, Coimbatore on 19.10.2023.

Dr.T.Vetrivel presented a paper in the International Conference on 'Emerging Trends in Digital Marketing and AI' in 'Innovative and Sustainable Management Practices' organized by Patel Institute of Science and Management, Bengaluru, Karnataka on 30.10.2023.

Dr.T.Vetrivel presented a paper in the National Conference on 'Enabling Multidisciplinary Skill-Based Education by Incorporating Strategies for Fostering Creativity and Entrepreneurship Skill in Higher Education Institutions', in 'National Education Policy 2020: Challenges and Opportunities for Higher Education Institutions in India' organized by Dr.NGP Arts and Science College, Coimbatore on 27.12.2023.

Dr.T.Mohanapriya presented a paper in the International Conference on 'Digitalization of Global Business Environment 2.0' entitled 'Social Media Marketing and its Impacts' in Rathinam College of Arts and Science, Coimbatore on 19.10.2023.

Dr.S.Kumar presented a paper titled 'Digital Transformation of Global Trade Market' in the International Conference on 'Digitalization of Global Business Environments 2.0' organized by Rathinam College of Arts & Science, Coimbatore on 16.10.2023.

Dr.S.Kumar presented a paper titled 'Government Initiative for Digital Agriculture' in the International Conference on 'Digitalization of Global Business Environments 2.0' organized by Rathinam College of Arts & Science, Coimbatore on 16.10.2023.

Dr.K.T.Kalaiselvi presented a paper titled 'Green Tech Revolution: Strategies for Sustainable Marketing' in the International Conference on 'Innovative and Sustainable Management Practices' held at Patel Institute of Science and Management, Bengaluru on 30.10.2023 and the paper was also published with ISBN proceedings.

Dr.K.T.Kalaiselvi presented a paper titled 'Indian Knowledge System-Languages, Art And Culture' in the ICSSR sponsored National Conference on 'National Education Policy 2020: Challenges and Opportunities for Higher Education Institutions in India' held at N.G.P. Arts and Science College, Coimbatore on 27.12.2023 and the paper was published with ISBN proceedings.

Dr.A.Kannammal presented a paper titled 'AI in Recruitment and Talent Acquisition' in the International Conference at Adarsh Institute of Management and Information Technology on 06.10.2023.

Dr.A.Kannammal presented a paper titled 'Enhanced Marketing with AI and Customers Perception with reference to AI in Banking' in the International Conference at Patel Institute of Management on 30.10.2023.

Dr.A.Kannammal presented a paper in the ICSSR sponsored conference titled 'Effect of New Education Policy on Youth Empowerment' at St.Joseph's College, (Autonomous), Trichy on 27.12.2023.

Dr.N.Balachandran presented a paper on the title 'Enabling Multidisciplinary Skill based Education by Incorporating Strategies for Fostering Creativity and Entrepreneurship Skill in Higher Educational Institutions' in the National Conference organized by Dr. NGP Arts and Science College, Coimbatore on 27.12.2023.

Ms. L. Rasiga Priya presented a paper on the title 'Impact of G20 on Smart Agriculture The Boom of Sustainable Development in Future India' in the International Virtual Conference on 'Digitalization of Global Business Environment 2.0' conducted by Rathinam College of Arts and Science on 19.10.2023.

Ms. L. Rasiga Priya presented a paper titled 'EDUTECH: Reshaping Teaching – Learning Practices in the Higher Education' in the National Virtual Conference on "National Education Policy 2020: Challenges and Opportunities for Higher Education Institutions in India" conducted by Dr. N.G.P. Arts and Science College, Coimbatore on 27.12.2023.

Dr.T.Mohanapriya presented a paper entitled 'Data-driven Leadership: Paying the way for Effective Management Practices' in the National Seminar on 'Bridge the Gap between Data Science and Effective Management' organised by K.S.R College of Engineering on 24.11.2023.

Dr.N.Balachandran presented a paper on the title 'The Role of Human Resource Information System in Stream Lining Workforce Management for Success of the Organization' in the National Level Seminar organized by the KSR College of Engineering, Tiruchengode on 24.11.2023.

Dr.T.Mohanapriya has completed the SWAYAM-NPTEL online certification course 'Training for Trainers' with Elite and Silver tag and she also secured a place in the top 5% during July 2023 to October 2023.

Dr.K.T.Kalaiselvi has completed the SWAYAM-NPTEL online certification course 'Training for Trainers' with Elite and Silver tag and received NPTEL Mentor certificate for the same during July 2023 to October 2023.

Dr.A.Kannammal has successfully completed the SWAYAM-NPTEL online certification course on 'Training of Trainers' during July 2023 to October 2023.

DEPARTMENT OF SCIENCE AND HUMANITIES

DEPARTMENT OF MATHEMATICS

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

DEPARTMENT OF PHYSICS

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

Dr. Deepa Jananakumar has secured Elite and Topper certification in the SWAYAM-NPTEL online course on 'Nuclear And Particle Physics' and it is also an AICTE approved Faculty Development Programme.

Dr .R. Lavanya Dhevi has successfully completed the NPTEL-AICTE Faculty Development Programme on 'Nuclear And Particle Physics'.

Dr. S. Devi has attended the NPTEL-AICTE Faculty Development Programme on 'Nuclear And Particle Physics'.

DEPARTMENT OF CHEMISTRY

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

DEPARTMENT OF ENGLISH

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

Research Activities

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

DEPARTMENT OF BIOMEDICAL ENGINEERING

Dr.S.Mangai published a paper titled 'A Novel Method for Selecting EEG Signals using Emotion Recognition Values in the Context of Deep Learning' in the International Journal of Environmental Protection and Ecology (Scopus indexed), Volume 24, Issue 6, pp.1311-5065, November, 2023.

Patents

Dr.P.Ravikumar published a utility patent on 'Embedded Based Medical Assistant Robot for Hospital' on 22.09.2023.

Dr.J.Rajalakshmi published a design patent on 'Wireless Laptop Charger cum Cooling Pad' with Journal Number: 45/2023 on 10.11.2023 and it was granted on 1.12.2023.

Mr.R.Saravanakumar granted a design patent on 'Solar Power Air Pollution Detecting Billboard on 02.11.2023.

Dr. S. Sudha, Mr. S. Govindaraj, Ms. Sharmila M and Dr. N. Jeyashanthi filed a design patent on 'Biosensor and Machine Learning Device to Detect Lung Cancer' on 22.11.2023.

Ms.S.Maheswari and Mr.S.Govindaraj published a utility patent on 'IOT and Artificial Intelligence Based Smart Indoor Tracking System to Track Multiple Objects within a Smart home using Data Mining and Machine Learning Algorithms' on 22.12.2023.

Copy Rights

Dr.S.Mangai, Ms.S.Maheswari and Mr.S.Govindaraj registered for a copyright on 'Manual for Digital Image Processing Laboratory' on 22.12.2023 with Diary Number/ROC Number- 20232/2023-CO/L, Registration Number- L-139294/2023.

Dr.S.Mangai, Ms.S.Maheswari and Mr.S.Govindaraj registered for a copyright on 'Manual for Biosignal Processing Laboratory' on 27.12.2023 with Diary Number/ROC Number- 20228/2023-CO/L, Registration Number- L-139337/2023.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Ms.M.Mohanasundari published the paper titled 'Brain Tumor Detection Based on Amended Convolution Neural Network using MRI Images' in the International Journal of KSII Transactions on Internet and Information Systems (ISSN No. 1976-7277), Vol. 17, No.10, pp. 2788 – 2808.

Dr.S. Russia published a paper on 'Augmented Reality based Smart Surgical Glass for Medical Surgery' in 2023 14th International Conference on 'Computing Communication and Networking Technologies' (ICCCNT), published by IEEE.

Dr.V.Latha Jothi published a design patent 'AI based Hybrid Leg' with the Application No. 398175-001 on 20.11.2023.

Ms. M.Mohanasundari and Ms. C.Kotteeswari published a design patent on 'AI based Blood Flow Monitoring Device in Head' with the Application No. 397793-001 on 23.11.2023.

Ms. I. Nivetha published a patent on 'AI based Smart Conversational Robot to Assist Blind People using Cloud & ML Algorithms' with the Application No. 202341065080 on 01.12.2023.

Mr. P. Mariappan published a UK design patent on 'Cholesterol Monitoring Device' with the Application No. 6319725 on 04.12.2023.

Ms. D S Eneeya Sri published a patent on 'Recycling of Waste Water & Water Management into Irrigation Water in Smart Cities Using IoT' with the Application No. 202341059449 on 06.10.2023.

Dr.V.Kavitha published a patent on 'Automation Nursing Robot for Hospitals Based on Wireless Beacon Network' with the Application No 202341068192 on 20.10.2023.

Dr.S.Jabeen Begum published a book titled 'Artificial Intelligence' for Charulatha Publications during November 2023.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr. P.Sakthivel published a paper titled 'Internet of Things Based Horizontal Axis Tracking Solar Panel Performance Evaluation' in the Electric Power Components and Systems journal (Taylor and Francis Online) in August 2023, (<https://doi.org/10.1080/15325008.2023.2243940>).

Dr.P.Sakthivel published a paper titled 'Whale Optimization Algorithm and Internet of Things for Horizontal Axis Solar Tracker-Based Load Optimization' in the Indonesian Journal of Electrical Engineering and Computer Science Vol. 32, No. 3, December 2023, pp. 1278-1287 ISSN: 2502-4752, <https://doi.org/10.11591/ijeecs.v32.i3.pp1278-1287>.

Dr.C.Gokul published a paper titled 'Automatic Multiclass Classification of Laryngeal Cancer using Deep Convolution Neural Networks' in the Electronics Letters journal, Vol. 60, No.1, pp. 1-4, December 2023. (SCI Journal).

Mr.D.Rajkumar filed a patent on the topic 'Intelligent ECG Signal Pre-processing Heart Disease Diagnosisistor'.

Dr.C.Gokul filed a patent on the topic 'Solar Water Heating System' India, Granted/ application number: 396156-001.

DEPARTMENT OF MECHANICAL ENGINEERING

G. Raja published a paper titled 'Automatic LPG Gas Booking Using GSM Module' in the Gradiva Review Journal, Vol.9, Issue 10, pp.558-567, Oct 2023. (e-ISSN: 0363-8057).

G. Raja 'Surface Engineering of SiO₂-ZrO₂ Films for Augmenting Power Conversion Efficiency Performance of Silicon Solar Cells, Journal of Materials Research and Technology, Vol.28, pp. 1475-1482, Dec 2023. (e-ISSN: 2214-0697)

Dr. R. Prakash, K. Ramakrishnan, M. Gopi, A.T. Navin Prasad, D. Kesavan, V. Mohankumar and A. Manojkumar filed a patent on the title 'Design and Implement of Cloud Server based Vehicle Pollution Monitoring with Alerting System' on 21.11.2023 (202341078942).

DEPARTMENT OF INFORMATION TECHNOLOGY

Dr. K. Ganeshkumar published a paper titled 'A Novel Sensitive DDoS attacks against Statistical Test in Network Traffic Fusion', in Transactions on Emerging Telecommunications Technologies, Vol. 34, Issue. 12, pp. 1-19, Dec 2023, ISSN: 2161-3915.

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Dr.S.Sadesh presented and published a paper titled 'Prediction of Weather Forecasting with Long Short-Term Memory using Deep Learning' on 16.10.2023 at the 4th International Conference on 'Smart Electronics and Communication' (ICOSEC) .

Dr.S.Sadesh was granted a patent titled 'Solar Water Heating System' on 15.11.2023 with design number 396156-001.

Dr.S.Sadesh published a patent titled 'R-CNN based Face Recognition for Smart Office Automation' on 15.12.2023 with application number 202344073907 A, Journal No: 50/2023.

DEPARTMENT OF MANAGEMENT STUDIES

Dr.T.Mohanapriya published a book titled 'Banking and Financial Services' published by Scientific International Publishing House with ISBN No 978-93-6010-017-9.

Dr.K.T.Kalaiselvi and Dr.A.Kannammal published a book titled 'Financial Management & Corporate Finance' published by Scientific International Publishing House with ISBN No -978-93-5757-650-5, October 2023.

DEPARTMENT OF CHEMISTRY

Dr.S.KalaiSelvi published a paper titled 'Treatment of Textile Dyeing Wastewater using a Low-cost Adsorbent' in Gravida Review Journal volume 9, Issue 11, November 2023.

Awards / Recognitions

DEPARTMENT OF BIOMEDICAL ENGINEERING

Ms.S.Maheswari received a seminar grant of Rs. 25000 for the topic 'Oxidative Stress Markers and their Impact on the Metabolic Profile in Patients with Polycystic Ovary Syndrome' from Indian National Science Academy (INSA) on 8.12.2023.

Dr.M.Ponni Bala received a grant for the Value Added Course on 'Fabrication of Medical Assistive Tools & PCB design for Commercial Products' of Rs. 10000 from BMESI on 26.12.23.

The Department of Biomedical Engineering, VCET, Erode was recognized as Research Centre under Anna University on 30.11.2023 for a period of three years from 30.11.2023 to 30.12.2026. The research Centre Code is 4272325.

Under the Guidance of Dr.S.Mangai, Ms.M.Menagadevi, AP/Department of BME, Dr.NGP Institute of Technology, Coimbatore completed her PhD viva voce examination on 14.12.2023 in the offline mode under Anna University Chennai. She defended her thesis titled 'Investigation on Machine Learning and Deep Learning Approaches for Detecting Alzheimer Disease in Magnetic Resonance Imaging'.

Dr.M.Ponnibala was recognized as Doctoral Committee Member under Anna University, Chennai for Ms.M.Umamaheswari, AP/BME, Sengunthar Engineering College & Ms.T.Sathya, AP/ECE, VCET.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Mrs Vidhya R has acted as a jury for the paper presentation event in the Intra College Mini Symposium- KNACK'23 organized by Rotaract Council, Rotaract Club of VCET, Group -1; RI District 3203 on 25.11.2023.

Mrs Vidhya R and Dr Kavitha V have received Certificate of Appreciation for conducting a five day online FDP on 'Employability Skills for Industry 4.0' under the Entrepreneurship Development and Industrial Coordination Department by National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh from 16.10.2023 to 20.10.2023.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr.P.Sakthivel has received the 'Certificate of Appreciation for Outstanding Contribution and Commitment as a Committee Member,' from The Institution of Engineers (India), Erode local Centre.

DEPARTMENT OF MECHANICAL ENGINEERING

V. Mohankumar has received 'Appreciation Certificate for Volunteering towards SAE India Southern Section' on 21.10.2023.

DEPARTMENT OF MANAGEMENT STUDIES

Dr.K.T.Kalaiselvi has received a grant of R.20,000 from TNSCST, Chennai & NCSTC, New Delhi and organized a two day workshop titled 'Medicinal Plant Cultivation and Enhancing Agricultural Entrepreneurship' on 04th & 05th October, 2023.

GLIMPSES OF VARIOUS ACTIVITIES



Our Secretary and Correspondent Thiru. S.D. Chandrasekar flagging off the marathon towards peace for school students



Cleanliness programme at Vellode Bird Sanctuary, organised by Erode Forest Department (Chennimalai Region)



Awareness Programme on the 'Importance of Energy Conservation'



Mr. E. John Vincent, Senior Manager, Business Development, British Council- India, Chennai, briefing about Aptis for the first year students.



Seminar on 'Entrepreneurial Opportunities in Automotive Sector' by EDC



Walkathon – commitment to community engagement and health promotion by Rotaract Club

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
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