



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

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

Thindal, Erode – 638 012

Newsletter

INTERNAL QUALITY ASSURANCE CELL (IQAC)

VOLUME 24

APRIL - JUNE 2024

ISSUE 2

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MESSAGE FROM THE PRINCIPAL

“Education is the most powerful weapon which you can use to change the world” says Nelson Mandela. Education helps in unravelling the students’ individuality and provides knowledge, skills and techniques to process intellectually to develop their skills. Together, with our vision we shape every individual in terms of academic growth, self-discovery and personal development to enrich them with valuable skills. Experienced and highly qualified educators are committed for supporting each student’s quality of learning and also for better future prospects. Right from academics to co-curricular activities each student is ingrained with the twin values of perseverance and compassion for their future development. We often organize quantifiable programmes and activities that contribute to the professional growth of every individual. With team work and endeavour of students and placement trainers, our institution has achieved 72.12 percent placements in both UG and PG level at various reputed companies like OneYes InfoTech Solutions, Kaar Technologies, Zifo RnD Solutions, ITC Infotech, Renault Nisan, Data Patterns, TCS and Cognizant with the package of 4 to 8 lakhs per annum. The institution provides an enormous resource in the central library and in each department libraries, research facilities and proper training which equip students with right knowledge to analyze, determine and construct their academic path and to set their career goals. My best wishes for the young generation of learners and my cherished teammates to make experience very enriching and memorable in the upcoming years.



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

Association Activities :

- Association of BME-BIONIKX organized a National Level Technical Symposium BIO FUTURIKZ on 05.04.2024. Dr. M. Dhipa, Professor & Head, Department of BME, Nandha Engineering College, Erode was the chief guest and adjudged the papers presented. Around 37 papers were received from students of various engineering colleges across the country and 25 papers were selected for presentation. Other technical and non technical events such as Brain Teaser, Clip Hunt, Technical Quiz and Adzap were conducted and the winners of the events were awarded with cash prizes.
- BRNS Sponsored one day national seminar organized on ‘Implementation of Artificial Intelligence in Digital Therapeutics for Clinical Development: Transforming the Practice of Medicine’ was conducted on 4.4.2024. Dr. R. Periyasamy, Assistant Professor, Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli was the chief guest and delivered the keynote address.

- ‘Project Expo 2024’ was organized on 13.04.2024. The chief guest of the function was Dr.C.K.Vijayalakshmi, Technical Facilitator, Cyrix Health Care Pvt. Ltd, Ernakulam, Kerala. She released the expo souvenir. Projects on various titles have been exhibited by 180 students among which three were selected and appreciated with cash prizes.
- In association with IEEE student branch the department organized a Poster Making Contest on 23.04.2024.
- Inaugural function of IEEE student branch was organized on 30.04.2024. Dr.Meenakumari Ramachandran, Professor, Department of EEE, Kongu Engineering College, Perundurai was the resource person and she gave a talk on ‘IEEE Benefits from a 360 Degree Perspective’.
- Farewell for the final year students was organized on 9.5.2024.

Placement Activities :

- Janapriya M got placement in Episource Pvt. Ltd., Coimbatore
- Sabhari Ganesan T S got placement in Appasamy Associates, Chennai
- Dhachanamoorthy P got placement in Clarus RCM Infotech
- Tamilarasan S got placement in Consilience Consultants
- Kavya S and Swetha D got placement in Vanavil Calibrations Pvt.Ltd

Students Activities:

- Dhikshana G, Jagan S, Keerthana A and Leena A S published a paper titled 'IoT Enabled Real Time Cardiac Monitor System Using LabVIEW' in the International Journal of Innovative Research In Advanced Engineering, Vol 11, Issue 4, April 2024.
- Nivetha Sri G, Shajna A, Sowmya S and Suvishesh E submitted manuscript on the topic 'Wearable Robotic Assistant for Post Stroke Ankle Foot Rehabilitation' and Christina Jenifer F, Dharanidharan R, Duraimurugan P and Laksman Pranav S submitted manuscript on the topic 'Knee Care Insight Monitoring and Predictive Analytics using Machine Learning' at Elsevier Journal: Advances in Medical Science on 3.5.2024.
- 101 students attended various international and national conferences at various engineering colleges across India.
- Tamil S attended technical symposium and won the first prize in Quiz and second prize in Circuit Debugging at MPNMJ Engineering College on 03.05.2024.
- Sharavana K L participated in Pencil Sketch and Drawing at Excel Engineering College on 6.4.2024.
- Preethika M and Suganya S attended workshop on Data to AI at IIT Bombay during May-24.
- Subaraja P attended a course on 'Exploring Medical Instruments, Anatomy and Future Scopes' from 16.5.2024-25.5.2024 at Tisen Academy.
- Subharanjani M, Sathiyapriya P, Preethi K, Nithya M, Madhumitha R M, Madhiarasi A, Kaviya M, Dhanasri B, Suganya S, Suja M and Shalini J J won the second prize during 23rd Annual Day of VCET on 04.05.2024.
- Balaji T S, Deepika U, Dharshini C and Mohammed Harrish N won the second prize in Project Expo 2024 on the topic 'IOT based Automated Rehabilitation Using 3D Printed Hand and Health Monitoring for Paralyzed Patients' at VCET on 13.4.2024.

NPTEL:

- Shalini J J, Divya J, Kaviya M, A Madhiarasi R, Madhumita M, Pavithra K, Myvizhi S D and Priyadharshini B S got Elite+Gold certification in the NPTEL course 'Introduction to Cognitive Psychology' and 33 students got Elite+Silver certification in the NPTEL courses 'Introduction to Cognitive Psychology' & 'Introduction to Internet of Things'.
- 42 students got Elite certification in 'Introduction to Cognitive Psychology', 'Introduction to Internet of Things' & 'Psychology of Stress, Health and Well-Being' courses.
- 26 students successfully completed the courses 'Introduction to Cognitive Psychology', 'Introduction to Internet of Things' and 'Principles of Management'.

DEPARTMENT OF CIVIL ENGINEERING



Programs organized:

Project Expo 2024 was conducted on 13.04.2024. 13 projects have been exhibited by 50 students and top three projects were awarded with cash prizes and appreciation certificates were awarded to noteworthy ideas.

Association Activities:

- A guest lecture on the topic 'Advanced Water and Waste Water Treatment – Reuse' was conducted on 30.04.2024. Dr.E.S.Karthy, Director, AWE Care, Analytical and Research Laboratories, Erode was the chief guest and he shared his views about advanced water treatment methods and reuse of it to the students.

- Valedictory function of student association RACE was conducted on 30.04.2024. Principal Dr.M.Jayaraman and Dean Prof.P.Jayachandar addressed the students and distributed certificates to the winners of various association activities.

Placement Activities:

Thirty six students of final year Civil Engineering underwent an internship training for the period of four months from January to April at various construction industries viz: M/s. KKK Construction Erode, M/s. G K Constructions Erode, M/s. Annai Constructions Erode, M/s. R V K Building Developers Pvt Ltd Tiruppur, M/s. RiDh Engineering Services Chennai, M/s. Velaller Educational Trust Erode, M/s. Magizh Builders Erode, M/s. KK Constructions Namakkal, M/s. VSR Constructions Erode, M/s. Vaasthu Builders Erode, M/s. MPSelli Constructions Erode, M/s. Sunstar Foundation Consultant Coimbatore, M/s. Zeos Architects Namakkal, M/s. Sivananda Pateeswaran Construction Erode, M/s. Unikans Builders & Promoters Pvt.Ltd Madurai, M/s. Dhanam Builders Gobi, M/s. Smart Infratech Developers Erode, M/s. IBA Associates Tiruppur, M/s Lakshmi Constructions Erode, M/s. Buildaid Engineering Pvt. Ltd Erode, M/s. ShriJayam Constructions Thingaalure, M/s. Sree Saravana Engineering Bhavani, M/s Mahesh Associate Tiruppur, and M/s Padmini Constructions Erode.

Students Activities:

- Nine students from third year Civil Engineering successfully completed the 12-week NPTEL Course on 'Forest and Their Management' and 'Air pollution and Control' during Jan-April 2024.
- Thirty seven students from second year Civil Engineering successfully completed the 12-week NPTEL Course on 'Forest and Their Management' during Jan-April 2024.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Association Activities:

- Hands on training on 'react.js' for beginners: getting started with frontend development was conducted from 13.05.2024 to 15.05.2024.
- The Department organized the valedictory function of association, clubs and chapter activities for the academic year 2023 – 24 on 02.05.2024.

Placement Activities:

- 10 students got placement in 'TCS' with a CTC of 4.0 lakhs per annum.
- 04 students got placement in 'CTS', with a CTC of 4.0 lakhs per annum.
- 01 student got placement in 'TPF Software' with a CTC of 4.6 lakhs per annum and 01 student in 'DELOITTE' with a CTC of 6.0 lakhs per annum and another student in 'Florida Infotech' with a CTC of 6.0 lakhs per annum.

Students Activities:

- Hackers Bay Club conducted Quiz Programme on 26.04.2024 for second and third year students.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Programs organized:

- An 'Orientation Programme on VLSI Design' was organized for third year students and Dr.K.R.Valluvan, Dr.P.Sakthivel and Dr.M.Parimala Devi addressed the students on 02.04.2024.
- Rajasekaran P and Gokula Brindha S organized a special lecture on the topic 'Angel Investment: VC Funding Opportunity for Early-Stage Entrepreneurs' for the students and Dr. T. Mohanapriya, AP/MBA, VCET addressed the students on 21.05.2024.
- Vanchinathan K and Chitra M organized a special lecture on 'World Intellectual Property Day' for the students and Dr. D. Muthukrishnaveni, Prof./MBA, VCET addressed the students on 21.05.2024.

Association Activities:

- The Association of Electrical and Electronics Engineering EMERFLUX organized a national level technical symposium on 5.4.2024.
- The Association of Electrical and Electronics Engineering EMERFLUX organized Project Expo 2024 on 13.4.2024. 29 projects were exhibited by the students.
- EMERFLUX organized the valedictory function for the academic year 2023-2024 on 3.5.2024. Principal, Dr. M. Jayaraman and Dean Prof. P. Jayachandar felicitated the gathering. All students of EEE participated in the programme and awards and certificates were given to the prize winners of various events.

Placement Activities:

- 24 students of final year EEE have attended campus drive by GK Power Expertise Pvt Ltd, Chennai and 8 students got placement in it.
- 8 students of final year EEE have attended campus drive by Avalon Technologies, Chennai and Akash R got placement in it.
- 6 students of final year EEE have attended campus drive by Data Patterns Pvt Ltd, Chennai and Sathish N got placement in it.

Students Activities:

- 43 third year students successfully completed various NPTEL courses. Among 43 students, 18 students secured Elite certification, 4 students secured Elite + Silver certification and 1 student got Elite + Gold certification in various NPTEL courses during JAN-APRIL 2024.



- Janani N completed the SWAYAM-NPTEL course 'Introduction to Internet of Things' and secured a place in the Top 1% category.
- 20 second year students successfully completed various NPTEL courses. Among 20 students, 6 students secured Elite certification, 4 students secured Elite + Silver certification in various NPTEL courses during JAN-APRIL 2024.
- Gowri Raja L of second year EEE participated in paper presentation and idea presentation and won the first prize in paper presentation in GENESIZ'2K24 at Kongu Engineering College, Perundurai held on 2nd April 2024.
- He presented a paper and exhibited a project in the national level technical symposium organized by SNS College of Technology, Coimbatore on 4th April 2024 and won the first prize in both the events.
- He participated in Ideathon and won the II prize in national level Student Confluence at Excel Engineering College, Komarapalayam held on 6th April 2024.
- He participated in Ideathon and presented a paper at Erode Sengunthar Engineering College, Perundurai on 23rd April 2024.
- He brought laurels to the institution by participating and winning the first prize in drawing competition and III prize in paper presentation in the 2nd national level technical symposium at Muthayammal Engineering College, Rasipuram on 27th April 2024.
- He participated in the workshops on 'SAEISS Dr.G.Padmanabhan Memorial Electric Two Wheeler Design Competition 2024' at Knowledge Institute of Technology, Salem on 25th and 26th May 2024 and another workshop on 'Energy Efficient Habit as Green Champion for Enabling a Climate Resilient Tamil Nadu' conducted by The Indian Institute for Human Settlements, Govt. of Tamil Nadu held on 22nd June 2024 .

In-plant Training:

- 12 second year students underwent in-plant training in TANGEDCO
- 16 second year students underwent in-plant training in Electric Loco Shed, Southern Railways, Erode
- 3 students underwent in-plant training in Neyveli Lignite Corporation
- 4 students underwent in-plant training in Sakthi Sugars Ltd
- 2 students underwent in-plant training in RK Rewinding, Erode
- 8 students underwent in-plant training in M/s. Code Minding.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Programs organized:

Association valedictory function was conducted on 02.05.2024 for the benefits of all the faculty members and students.

Placement Activities:

- 20 students of final year ECE attended campus drive conducted by M/s Skyraan Technologies, Chennai on 08.04.2024 and Subharanjitha E got placement in it.
- 20 students of final year ECE have attended campus drive conducted by M/S Cadence on 28.04.2024.

- 41 students of final year ECE attended campus drive conducted by M/s Glenwood Systems, Chennai on 30.04.2024 and 11 students got shortlisted for the next round.
- 30 students of final year ECE attended M/s Tata Consultancy Services campus placement drive on 29.05.24 and Dharani R, Logapranesh S, Nivetha K and Sneka S got placement in TCS Ninja and Rajesh S and Logesh S R secured placement in TCS Digital.
- 120 students of 3rd year ECE attended campus drive by M/S Coding Mart Technologies, Coimbatore on 21.05.24 and 22.05.24 and Shubiksha B got placement in it.
- 124 students of 3rd year ECE registered for M/S Virtusa Ideathon on 05.06.24.
- 124 students of 3rd year ECE registered for M/S SOTI on campus drive on 05.06.24.

Students Activities:

- Kavipriya B, Madhupriya M and Nipuna A of third year ECE presented a paper in 'Neuralink' organized by Government College of Engineering, Erode on 05.04.2024.
- Akalya S, Asvika J T, Divya Keshavi M, Abinaya Sri S, Dhanushya S, Dhana Sri K, Isaiyarasi K, Harishaa R, Anusya S and Bhuvaneshwari N of second year ECE presented their papers under different titles organized by Excel Engineering College on 06.04.2024.
- Kavinraj M, Kavipriya R and Sasirekha C of third year ECE presented their projects on 'Advanced Medical System using Fingerprint Sensor' and awarded with 2nd prize organized by JCT College of Engineering and Technology, Coimbatore on 03.04.2024.
- Varsha D of second year ECE presented their project and awarded with 1st prize organized by Erode Sengunthar Engineering College, Perundurai on 23.04.2024 & 24.04.2024.
- Meghanath S and Naga Arjun J of third year ECE presented a paper and were awarded with 1st prize in the event organized by M.P.Nachimuthu M.Jaganathan Engineering College, Erode on 03.05.2024.
- 178 students of final year ECE underwent internships at various companies during April 2024.
- Suneel D K of second year ECE presented his idea titled 'Entrepreneurship' in Ideathon under organized by Entrepreneurship Development Cell on 06.04.2024.
- Dharish R, Sangeetha D, Selvadharshini A, Shahana R, Varshini A and Sanjay Adithya V of second and third year ECE presented their idea on the title 'Turning Sign Action into Sound' in Enthirathon 2024 organized by Rajalakshmi Engineering College, Coimbatore on 12.04.2024 & 13.04.2024.
- Vignesh S, Vigneshwaran M, Sathya Varshini M, Tharshini S and Sandhiya G of third year ECE presented their idea titled 'Adaptive Book Holders and Page Turners for Physically Challenged' in Enthirathon 2024 organized by Rajalakshmi Engineering College, Coimbatore on 12.04.2024 & 13.04.2024.
- Krishnaa S, Mathan L, Ragul N, Purusothaman A M, Sabari M of second year ECE presented their idea titled 'Smoke Emission of CO₂' in Enthirathon 2024 organized by Rajalakshmi Engineering College, Coimbatore on 12.04.2024 & 13.04.2024.
- Mukesh M and Sakthi Shree R of second year ECE presented their idea titled 'Smart Healthcare' in Enthirathon 2024 organized by Rajalakshmi Engineering College, Coimbatore on 12.04.2024 & 13.04.2024.
- 116 students of third year ECE completed various NPTEL online certification courses successfully and 47 students cleared the courses with Elite certification and 2 students cleared the courses with Elite+Silver certification.
- 180 students of second year ECE completed various NPTEL online certification courses successfully and 42 students cleared the courses with Elite certification and 3 students cleared the courses with Elite+Silver certification.
- 92 students of final year ECE attended various national and international conferences at different colleges under different titles across India.

DEPARTMENT OF MECHANICAL ENGINEERING

Association Activities:

- A national level technical symposium was conducted on 05.04.2024. Mr. Vasanth Nagarajan, Co-Founder & CTO, Pinesphere Solutions Pvt Ltd, Coimbatore was the chief guest. Students from diverse institutions engaged in activities such as paper presentation, technical quiz, connexions, CAD modelling, showcasing their talents and honing their skills in their respective domains.
- Valedictory function of Fabulous Association of Mechanical Engineers and SAEINDIA VCET Collegiate Club for the academic year 2023-2024 was held on 02.05.2024. VCET-MECHMERIZE, Vol 9. Newsletter for the academic year 2023-24 (Odd & Even) was also released during the event and certificates were issued to the participants and winners of various activities conducted by the association.



Placement Activities:

Mohammed Arshak M U, of final year Mechanical Engineering has attended the off-campus recruitment drive conducted by Zigma Global Environ Solutions Pvt Ltd, Nagpur and got placement in it.

Students Activities:

- Third year students Prakash K, Kaviarasan K, Gowtham S and Manikandan V participated and presented their project on 'Design and Fabrication of River Surface Cleaning Robot' and won the first prize in 'Engineering Innovation 2024' conducted at VCET, Erode on 13.04.2024.
- Third year students Shri Harsan M, Jaya Shree S, Chiddharth Redhar V M participated and presented a paper on the topic 'Vibration Analysis of Polymer Matrix' at Bannari Amman Institute of Technology, Sathyamangalam on 07.05.2024.
- Second year students Vijayakumar V and Karmegam S attended a workshop on 'Electric Two Wheeler Design Competition' at Knowledge Institute of Technology, Salem 26.05.2024.
- 5 students attended Quiz and workshops conducted by various institutions.

NPTEL Certificate:

- 52 students completed the NPTEL courses 'Principles of Industrial Engineering', 'Introduction to Industry 4.0 and Industrial Internet of Things' during Jan-Apr 2024.
- Hariprakash G, Ravindhar V and Allwin V of third year & Giriselvam S of second year Mechanical Engineering secured 'Elite + Silver' tag in 'Principles of Industrial Engineering'.

DEPARTMENT OF MEDICAL ELECTRONICS

Association Activities:

- A guest lecture on the title 'Banking Awareness for Future Entrepreneurs' was organized on April 10, 2024. Mr. J. Parameshwaran, Divisional Manager, Canara Bank, Erode shared valuable insights on banking systems, financial literacy, entrepreneurial finance, digital banking and government schemes.
- The Department organized the valedictory function of student association - MEDIECLETIX, BMESI, MedTech Club & SBE forums on May 3, 2024 under the guidance of our esteemed Principal.



Students Activities:

- Rajkumari C, Gokul S, Rubika R and Sanjeev R of final year participated and awarded the 1st prize in intra-departmental category of the Project Expo 2k24 on Engineering Innovations at VCET, Erode.
- M. Akshara, S. Bharanika, Y. Mohan Prakash and V. Tharun of final year participated and awarded the 2nd prize and R. Kaviyasri, C. Sakthivel and C. Swetha of final year participated and procured the 3rd prize in the intra-departmental category of the Project Expo 2k24 on 'Engineering Innovations' at VCET, Erode.
- Over 16 second year students participated in the Project Expo 2k24 on 'Engineering Innovations' organized by VCET, Erode.
- S. Varshini, S. Jaisri Aadithya, L. Bhuvaneshwari and P. K. Jeysree of second year presented a paper at SNS College of Engineering, Coimbatore on 04.04.2024.
- S. Vinoth and M. Niyalini of second year presented a paper at Muthayammal Engineering College, Rasipuram on 29.04.2024.
- S. Vishwa Ganesh and T. Sathya of second year presented a paper and procured the 3rd prize at Muthayammal Engineering College, Rasipuram on 29.04.2024.
- S. Sasireka and A. L. Pavithra of second year attended a workshop at Erode Sengunthar Engineering College, Thuduppathi on 23.04.2024.
- V Divya Dharshini of second year presented a paper on 22.04.2024 at Erode Sengunthar Engineering College, Thuduppathi.
- On April 4, 2024, more than fifteen students competed in the Annual Sports Meet of VCET and secured multiple prizes.

DEPARTMENT OF INFORMATION TECHNOLOGY



Association Activities:

- 20th national level technical symposium was conducted on 05.04.2024.
- Association valedictory function was conducted on 03.05.2024 for the benefits of all the students.

Placement Activities:

- Chandru D, Gopikaa R K, Harish C, Indrajith N and Deepak S of final year got offer from CTS.
- Kiruthiga S of final year IT got placement in TCS.

- Manju S of final year IT got offer from Glenwood Systems.
- Naveena R and Pradeepa S got placement in Accenture.

Students Activities:

- Kavipriya M of second year IT attended a technical symposium in Gnanamani College of Technology on 14.06.2024.
- Kiran M of second year IT attended a workshop on 'Cloud Computing' conducted by Erode Sengunthar Engineering College, Thuduppathi on 23.04.2024.
- 4 students of third year IT attended a workshop on 'Cross Platform Mobile Application Development Using Flutter' conducted by KPR Institute of Engineering & Technology, Coimbatore, on 13.04.2024.

- Naveen M of second year IT attended a workshop on 'Python Programming' conducted by CUBE CORPSOL on 31.05.2024.
- 5 students of second year IT attended a workshop on 'C Programming' conducted by CUBE CORPSOL on 31.05.2024.
- 4 students of third year IT attended a workshop on 'Angular JS' conducted by Erode Sengunthar Engineering College, Thuduppathi, on 23.04.2024.
- Kalki S of second year IT attended a seminar on 'Leveraging Federated Learning for Ensuring Privacy in Defence Big Data Analytics' conducted by KPR Institute of Engineering & Technology, Coimbatore, on 17.05.2024 & 18.05.2024.
- 5 students of second year IT attended a seminar on 'Bootcamp Product Development' conducted by VCET on 29.04.2024 & 30.04.2024.
- Madanika G K of final year IT attended a seminar on 'Protecting and Reporting Guidelines' conducted by VCET on 3.04.2024.
- 4 students of second year IT participated in 24hrs National HACKATHON conducted by MIT, Chennai, on 26.04.2024.
- Bharathkumar S of second year IT completed and received certification for the course 'Master Android Application Build 3 Application from Scratch' conducted by UDEMY on 01.06.2024.
- Megha Bharathi B of second year IT completed and received certification for the course 'Introduction to Javascript' conducted by Great Learning Academy on 01.06.2024 and also for the course 'C Test' conducted by IIT, Bombay, on 11.05.2024.
- 3 students of second year IT completed and got certification for the course 'Introduction to IOT' conducted by SIMPLILEARN from 01.06.2024 to 05.06.2024.
- 27 students of second year IT completed and got certification for the course 'Deep Learning for Developers' conducted by INFOSYS SPRINGBOARD.
- 4 final year IT students completed and got certification for the course 'Full Stack' conducted by INFOSYS SPRINGBOARD on 17.04.24.
- 6 students of final year IT completed and got certification for the course 'Explore Machine Learning using Python' conducted by INFOSYS SPRINGBOARD on 24.04.2024.
- 2 students of final year IT completed and received certification for the course 'Machine Learning with Python' conducted by EUROPEAN UNIVERSITY on 07.05.2024.
- Third year and second year IT students exhibited projects on the titles like 'Hand Gesture Mouse Control', 'Crafted Whimsy App Using Flutter' 'Exploring Dark Patterns in e-Commerce Websites', 'Crop Connect Website', 'Unraveling Emotions in Sound a Deep Dive into Speech Emotion Recognition' and 'Real Time Surveillance System Using YOLO V8' conducted by VCET on 13.04.2024.
- 1 student of final year IT secured 'Elite' tag, 15 final year IT students and 2 third year IT students successfully completed the NPTEL online certification course 'Principles of Management'.
- 1 student of final year IT secured 'Elite' tag and 2 students of final year IT successfully completed the NPTEL online certification course 'Introduction to Industry 4.0 and Industrial Internet of Things'.
- 11 third year and 6 final year IT students successfully completed the NPTEL online certification course 'Entrepreneurship Essentials'.
- 6 students of third year IT successfully completed the NPTEL online certification course 'Social Networks'.
- 1 third year IT student successfully completed the NPTEL online certification course 'Business Intelligence & Analytics'.
- For the NPTEL online certification course 'Privacy and Security in Online Social Media' 1 student of third year IT secured 'Elite + Silver' grade, 8 students of final year IT secured 'Elite' grade and 2 students have successfully completed the course.
- 3 students of third year IT successfully completed the NPTEL online certification course 'Introduction to Industry 4.0 and Industrial Internet of Things'.

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

- The Association of Artificial Intelligence & Data Science ASPYRA organized 'VIRTUAL LAB – 'DATA STRUCTURE I' on 22.04.2024. Mr.V.Manoj Praveen, AP, Department of AI&DS was the speaker of this event. Second year students of the department got benefitted from this program.
- A bootcamp on product development was conducted on 29.04.24 and 30.04.24 Mr.A.Kesavan CEO, Svastitech Solutions, Madurai was the chief guest of this function.
- A hands on training in AI tools was conducted on 17.05.2024 and 18.05.2024 Mr.P.Naveen Kumar & Mr.S.Manikandan full stack developer Svasti Vector Solutions, Tiruchirappalli was the chief guest of this function.
- Valedictory function of the association of Artificial Intelligence & Data Science ASPYRA for the academic year 2023-2024 was organized on 31.05.2024. Prize winners of various activities conducted by the association were given certificates on the occasion.



Students Activities:

- Second year students exhibited a projects in various titles like Terrachat - Your Campus Companion, Firewall X: Building An Adaptive Cybersecurity Fortress Tool, Augmented Pathways: Personalizing Education Through Immersive Technologies, Ai And Machine Learning For Credit Card Fraud Detection, Doctor Patient Tracker and Cyberguard in the Project Expo in VCET on 13.04.2024.
- 25 students of second year secured 'Elite' tag and 7 students successfully completed the NPTEL online certification course 'Cloud computing' and 5 students successfully completed the course 'Principles of Management' and another 6 students secured 'Elite' tag in the NPTEL online certification course 'Privacy and Security in Online Social Media'.
- Sanmathi K and Vijay Barath V participated in the cultural programme conducted by VCET on the occasion of Annual Day on 04.05.2024.
- Sutheshna A and Balaji A participated in the bootcamp product development by VCET on 29.04.2024 and 30.04.2024.
- Priya S of second year completed a course in IoT with AI in NOVITECH RD on 11.05.2024.

DEPARTMENT OF MANAGEMENT STUDIES

Programs organized:

- 20th national level technical symposium was organized on 05.04.2024. Vasanth Nagarajan, Co-Founder & CTO | Tech Trailblazer, Story Teller, Startup Enthusiast, Empowering Future Entrepreneur, Pinesphere, Coimbatore, was the resource person.
- MBA Alumni Meet 2024 was conducted on 07.04.2024. The Principal, Dean and around hundred Alumni attended the Meet. Alumni from various parts of the state interacted with one another and got benefitted mutually.
- Project Expo – 2024 on the topic, 'Innovative Practices in Management' was organized on 13.04.2024. Dr.C.K.Vijayalakshmi, Technical Facilitator, Cyrix Health Care Pvt. Ltd, Ernakulam, Kerala addressed the students.
- The valedictory function of the association VELMA was organized on 07.05.2024 and the Principal, Dr.M.Jayaraman distributed various prizes and certificates to the students.



Students Activities:

- 7 Students participated in the event 'VYSYA2024' conducted by the Department of Management Studies, Erode Sengunthar Engineering College, Thuduppathi on 23.04.2024.
- 9 Students participated in the event 'ADVIK 2024' conducted by the Department of Management Studies, Knowledge Institute of Technology, Salem on 24.05.2024.

DEPARTMENT OF SCIENCE AND HUMANITIES

DEPARTMENT OF MATHEMATICS

Programs organized:

- An International conference on 'Mathematical Modeling and Intelligent Systems' was jointly organized by the Department of Mathematics of VCET and Sri Vidhya Mandir Arts and Science College, Uthangarai, Krishnagiri Dt. from 18.04.2024 to 20.04.2024. The Conference Proceedings was released during the inaugural function of the conference.
- The Science Club of the Department of Science and Humanities organized a special lecture on 'Indigenous Technologies for Viksit Bharat' on 13.05.2024. Dr.M.Jayaraman, Principal, delivered a special talk to motivate the first year students towards sustainable development and prosperity for future generations. And also prizes were distributed for various events conducted by the club.



DEPARTMENT OF ENGLISH

Programs organized:

Department of English organized a skill development Refresher Course on 'Enhancing English Proficiency through Mass Media Utilization' for the first year students to develop their language proficiency. More than 120 students participated in this programme. Dr. S. Hemalatha, Dr. B.S. Gomathi, Ms. V. Suguna, Ms. S. Tamilselvi, Ms. T. Sasikala, Ms. S. K. Aashika and Ms. M. Bharathi handled the sessions and motivated the students to enhance their communication skills in English.

CLUB ACTIVITIES

GREEN CLUB

On April 12, 2024, the Green Club of VCET launched an initiative to ban plastic usage inside the college campus, aiming to raise awareness among students about the harmful effects of plastic pollution. The event focused on promoting sustainable practices, encouraging students to adopt eco-friendly alternatives, and inspiring a plastic-free lifestyle. Through interactive activities, awareness campaigns, and advocacy, the Green Club inspired students to take small steps towards a significant impact on the environment, fostering a culture of sustainability and environmental stewardship.



ENGLISH LITERARY ASSOCIATION

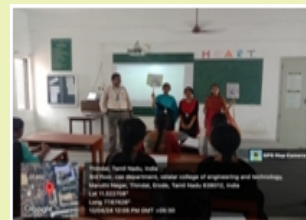
- 'Oratory Oasis' was conducted for the second year students on 05.04.2024 to improve the public speaking skills of students. A core meet for the ELA members was conducted on 08.04.2024 to discuss the upcoming activities of the club and for the organisation of valedictory function.
- 'Open Mike 5' was organized for the first year students to enhance their presentation skills on 10.04.2024.
- Story writing competition was conducted for the first year students on 23.04.2024 to enhance their writing skill.
- English Literary Association Valedictory function was organized on 24.04.2024. Dr. Solomon V Anbuchelvan, MA, MPhil, PhD, Professor and Head, Department of English, Erode Sengunthar Engineering College delivered a lecture on the topic 'English Language Competency and Academic Success in Engineering Programs' and distributed certificates for ELA prize winners. Certificates for the participants of Refresher Course were also distributed during the occasion.



YOUTH RED CROSS

- Youth Red Cross volunteers of our college including first year students of our college participated in the Hundial money counting activity at Bannariamman temple on 02.04.2024 as part of their social activities. 20 Youth Red Cross volunteers participated in this programme.

- Youth Red Cross student volunteers of our college conducted Voters' Awareness campaign for our college students in our college campus on 12.04.2024. 10 Youth Red Cross volunteers participated in this programme.
- Yoga and Meditation Programme was conducted by Youth Red Cross of VCET for the benefit of UG first Year students on 15.04.2024 at L-Block II Floor Yoga and Meditation Hall. Acharya Amritaksharananda Avadhut Swamiji, Chief Yoga Trainer for South India from Ananda Marga Mission, Kolkatta trained the students. In this yoga training 120 students benefitted.
- Youth Red Cross volunteers of our college conducted the Elder Abuse Awareness campaign at our college campus among the students of our college on 04.06.2024.



JCI CLUB

- JCI club of VCET has conducted a Plant Sapling Programme at the college campus on 10.06.2024 in connection with World Environment Day. 15 JCI club volunteers participated in this programme and Dr.M.Jayaraman, Principal, Dr. M.Eswaramurthi, HOD / Science and Humanities, and Mr.R.Balasubramanian, JCI Club Coordinator also participated in this programme.
- First year JCI volunteers of our college actively involved in the Hundial money counting activity at Bannariamman temple on 02.04.2024 as part of their social activities. 50 JCI volunteers participated in this programme.
- Postal Department along JCI Club of VCET organized an event to create awareness about various services offered by postal department and its benefits to first year students.



ENTREPRENEURSHIP DEVELOPMENT CELL

- EDC of VCET organized a seminar titled 'Role of Entrepreneurs in Economic Development of the Country' on 03.04.2024. Mr.Mohamad Rafi Munavar, Field Service Engineer, Karthikeyan Medical Service, Coimbatore addressed the students.
- The cell organized a workshop titled 'Business Model Canvas (BMC)' on 03.04.2024 & 04.04.2024. Mr.S. Seenivasan, Deputy Manager, Sales and Marketing, JSW Cement Limited, Coimbatore & Dr.S.Karthy, Director, AWE CARE Biotech Research Division, Erode were the resource persons.
- A workshop on the topic 'Entrepreneurship and Innovation as Career Opportunity' was organized on 6.04.2024. Mr.P.Anjesh kumar, Communication and Soft Skill Specialist, Brainwave, Coimbatore was the resource person.
- EDC of VCET organized a workshop titled 'Banking Awareness for Future Entrepreneurs' on 10.04.2024. Mr.J.Parameswaran, Divisional Manager, Canara Bank, Erode was the resource person.
- The cell organized a seminar titled 'Localised Marketing Tactics for Small Business Entrepreneurs' on 10.04.2024. Mr. P. Arun, Managing Director, Foodies Family Restaurant, Veppampalayam, Erode was the resource person.
- A guest lecture titled 'How to Plan for Start up and Legal & Ethical Steps' was organized on 12.04.2024. Mr.Pradeep Chandrasekaran, Associate Director-Vehicle Engineering, OLA Electric Technologies Pvt Ltd, Bangalore, was the resource person.
- A workshop on the title 'Prototype, Design, Process Development for Business Model' was organized on 12.04.2024. Dr.S.Gokulraj, Associate Professor/CSE, Velalar College of Engineering and Technology, Erode was the resource person.
- Mock Interview for I MBA students was conducted on 25.04.2024 at AIC RAISE Incubation Centre, Coimbatore.
- A seminar on the topic 'Innovative and Entrepreneurship Ideas in Biomedical Field' was organised on 25.04.2024. Mr.Ramaprasad, Biomedical Engineer, Maruthi Medical Centre and Hospitals, Erode was the resource person.
- The cell organized a seminar titled 'Career Opportunities in National Administration Graduates' on 26.04.2024. Mr.A.Manikanda, IAS, Vice Chairman, Bareilly Department Authority, Uttar Pradesh & Mr.M.Senthil Kumar, Director, Aram IAS Academy, 2nd Avenue, Anna Nagar West, Chennai were the resource persons.
- EDC organized a mentoring event titled 'Navigating Financial Assistance for Entrepreneurs' on 26.04.2024. Ms.P.Sathya, District Coordinator, EDII-TN, Tirupur was the resource person.
- A workshop titled 'Design Thinking and Innovation in Electric Vehicles' was conducted on 27.04.2024. Er.M.Harr Andrews, CAD Engineer, CCube Technologies, Erode was the resource person.
- A two day boot camp titled 'Product Development' was conducted on 29.04.2024 & 30.0.2024. Mr.A.Kesavan, CEO, Svastitech Solutions, Madurai was the resource person.
- The cell organized a seminar titled 'Design Thinking for Strategy Innovation And Entrepreneurship' on 03.05.2024. Ms.M.Mohanasundari, Assistant Professor/CSE, Velalar College of Engineering and Technology, Erode was the resource person.
- A seminar titled 'Goal Setting for Emerging Young Entrepreneurs' was conducted on 18.05.2024. Anandapaul E, Manager, Capgemini Technology, Chennai was the resource person.
- A workshop titled 'The Internet of Things (IoT): Crafting Connected Solutions in Tech Entrepreneurship' was conducted on 20.05.2024. Mr. Kumar Palanisami, Cycle World, Whitefield, Bangalore was the resource person.
- The cell organized a workshop titled 'Angel Investment / Venture Capital Funding Opportunity for Early Stage Entrepreneurs on 21.05.2024. Dr.T.Mohanapriya, Associate Professor, Department of Management Studies, Velalar College of Engineering and Technology, Erode was the resource person.
- A workshop titled 'World Intellectual Property Day' was conducted on 21.05.2024. Dr.D.Muthukrishnaveni, Professor, Department of Management Studies, Velalar College of Engineering and Technology, Erode was the resource person.
- The cell conducted a workshop titled 'Prototype Design and Development' on 28.05.2024. Dr.V.Chandrasekaran, Professor & Head / MDE, Velalar College of Engineering and Technology, Erode was the resource person.
- A seminar on the title 'Fund Raising in Entrepreneurship' was conducted on 28.05.2024. Mr.N.Karthikeyan, Department of Electronics and Communication Engineering, Velalar College of Engineering and Technology, Erode was the resource person.



ROTARACT CLUB

- The Rotaract Club of VCET took part in the walkathon to spread awareness on the election that was scheduled for 19.04.2024.
- On 28.04.2024, 'One Day Farming' was held at Kavindapadi with the goal of encouraging environmental sustainability and community involvement.
- The 'Radiant' Group-1 Awards event was hosted by the club in collaboration with the Rotaract Club of Erode Kalam on 21.04.2024. The District Coordinator of RID-3203, Rtn. MPH. M. Sakthinallasivam was the distinguished guest of the event. 20 members received special recognition for their exceptional commitment and service, along with special recognition for their extraordinary contributions. Notably, Rtr Suja M was acknowledged as Radiant Forum's ideal volunteer.
- On 21.04.2024, at Thindal, the Rotaract Clubs of VCET and PPG Institute of Technology formalized their twin club agreement, signifying a strengthened bond and shared commitment to service and collaboration.
- An occasion called 'In-House RYLA - Orientation Program' for the newly appointed office bearers was conducted on 22.04.2024. Rtr. IPP.Navinbharathi.P., the district editor of RID-3203, and Rtr. PHF. Manikandan Rangasamy, the district Rotaract representative elect of RID-3203 guided the event.
- The club organized a digital spectacular event called 'Flow Fest' on 24.04.2024, as a proactive measure to address women's health issues.
- To create awareness about competitive exams and government exams, the club conducted a programme in collaboration with Mr. Poo. Ko. Saravanan, Deputy Commissioner, Chennai International Airport on 28.04.2024. Its goal was to provide valuable guidance and insights for the students who aspired to pursue higher education and career opportunities in the public sector.
- On 12.05.2024, the Rotary Club of Erode Thindal hosted the 'Tamizhodu Pesi Magizh' event, in which the Rotaract Club of VCET participated. The prime guest for the ceremony, Thiru. A. Paari I.P.S., Ex. IG, Coimbatore, granted his consent. The guest speakers for this event are Thiru. Mayiliragu K. Sundarrajan, Dr. Sundarara Aavudaiyappan, Ms. Kokila Sundararajan, and PDG Thiru. Olivannan.
- The club along with the Rotary Club of Erode Thindal, enthusiastically unveiled the project initiative 'Meezhum Erode' on 12.05.2024 under the guidance of Rtn.MD. Dr.Sundararajan S, District Governor, R.I.D. 3203 and Rtn. PHF Priya Nirmal Kumar, President of Rotary Erode Thindal.
- The club organized an oath taking ceremony on the occasion of JambudweepPragadanam, to solemnly pledge to uphold the values of unity, harmony, and environmental stewardship on 12.06.2024.
- The club in honor of World Blood Donors Day, proudly hosted an online poem writing competition on 16.06.2024.
- The World Day against Child Labor was observed on June 15. It served as a devastating reminder of the millions of children around the world who are denied of childhood and education as a result of exploitative labor practices.
- The club received the prestigious 'Outstanding Club in District 3203' at the Annual District Rotaract Awards ceremony, 'Rejoice', held at NGM College, Pollachi on 23.06.2024.
- The Rotaract Club of VCET, Erode and Lions Club of Erode Supreme Charitable Trust Blood Bank jointly organized the Mega Blood Donation Camp on 26.06.2024.
- The club in collaboration with the Rotary Club of Erode Thindal organized a memorable day with students of Velalar Vidyalayaa Senior Secondary School on 27.06.2024. This initiative was aimed to foster leadership, community service, and friendship among young individuals.



FINE ARTS CLUB

Fine Arts club of VCET conducted myriad cultural programs on the occasion of 23rd College Day celebration on 04.05.2024.

Faculty Achievements

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

DEPARTMENT OF BIOMEDICAL ENGINEERING

- Twenty one programmes were attended by faculty members in the Department of Biomedical Engineering.
- Dr.S.Sudha, Ms.M.Sharmila and Mr.R.Saravanakumar organized a BRNS sponsored one day National Seminar on 'Implementation of Artificial Intelligence in Digital Therapeutics for Clinical Development: Transforming the Practice of Medicine' on 4.4.2024.
- Dr. S.K.Manikandan acted as a Session Chair at the First International Conference (IEEE) on 'Advances in Modern Age Technologies for Health and Engineering Science' (AMATHE 2024) at Shivamogga, Karnataka during 09.05.2024 and 10.05.2024.
- Ms.S.Yamunadevi presented a paper titled 'Real Time User Control Rehabilitation Device for Hemiplegia Patient' in the National conference on 'Innovation in Scientific Computing and Optimization Techniques' at Er.Perumal Manimekalai College of Engineering on 30.04.2024.
- Dr.M.Ponni Bala presented a paper in the first international conference on 'Data Analytics and Intelligence Computing-2024' on the topic 'An Intelligent and Secure System for Prenatal Health Management Using Wireless Sensors and Mobile Phone' organized by Velammal Institute of Technology on 06.04.2024.
- Dr.J.Rajalakshmi and Ms.R.Leelavathi presented a paper titled 'Automatic Fall Detection Identification and Monitoring System for Elder People' in the national conference on 'Innovations in Communication and Electrical Drives' at P.A.College of Engineering and Technology on 16.04.2024.

- Dr.M.Ponnibala, Ms.S.Maheswari and Mr.S.Govindaraj presented a paper titled 'AI Based System To Detect Uterine Cancer Using Ultrasound Images' in the international conference 'Knowledge Engineering and Communication Systems' organized by SJC Institute of Technology during 18.04.2024 and 19.04.2024.
- Dr.S.K.Manikandan presented a paper in the 12th international conference on 'Advanced Science and Engineering Research – 2024' (ASER – 2024) on the topic 'IoT Based GPS operated and Dual axis Solar Tracking for improved Energy Efficiency' and Ms. C. Radhika presented a paper on the topic 'Emotion Sensing Spectacles: A Raspberry PI-Powered Wearable for Autism Rehabilitation' at Al-Ameen Engineering College on 07.05.2024.
- Ms.C.Radhika presented a paper in the international conference on 'Adaptive Technologies for Sustainable Growth' on the topic 'Detection of Human Spine Posture using Wearable Monitoring System' at Paavai Engineering College on 27.04.2024.
- Ms.M.Sharmila presented a paper titled 'Cervical Cancer Detection using Soft Computing Techniques' & 'Emotion Sensing Spectacles: A Raspberry PI-Powered Wearable for Autism Rehabilitation' in the Kamaraj International Conference on Recent Trends in Science, Engineering and Technology, 2024 (KIRSET'24) at Kamaraj College of Engineering and Technology on 16.04.2024.
- Dr.J.Rajalakshmi presented a paper titled 'IoT Based GPS Operated and Dual Axis Solar Tracking for Improved Energy Efficiency' in the 12th international conference on 'Advanced Science and Engineering Research' at Al-Ameen Engineering College on 07.05.2024.
- Dr.S.K.Manikandan presented a paper titled 'Wearable Sensor Technologies for OSA Monitoring and Airway support: The Smart Glove and CNEP Neckband' in the 6th national conference on 'Integrating Biomedical Excellence with Advanced Research and Innovation' at Adhiyaman College of Engineering during 26.04.2024 & 27.04.2024.
- Dr.S.Sudha acted as a reviewer in a conference on the topic 'AI for Healthcare and Life Science' at MIT Art Design and Technology University from 25.04.2024 to 27.04.2024.
- Ms.P.Georgia Chris Selwyna acted as a reviewer in the 3rd IEEE international conference on 'Artificial Intelligence for Internet of Things' at Vellore Institute of Technology from 03.05.2024 to 04.05.2024.
- Ms.S.Maheswari acted as a reviewer in the 10th international conference on 'Communication and Signal Processing' at Adhiparasakthi Engineering College from 12.04.2024 to 13.04.2024

NPTEL:

- Dr. N. Jeyashanthi, Ms.M. Sharmila and Ms.P. Georgia Chris Selwyna successfully completed NPTEL online certification course 'Human Physiology'.
- Dr. S. Sudha and Mr. S.Govindaraj got 'Elite' certification in 'Principles of Signals and Systems' course.
- 18 faculty members attended seminar on 'Implementation of Artificial Intelligence in Digital Therapeutics for Clinical Development: Transforming the Practice of Medicine'.

DEPARTMENT OF CIVIL ENGINEERING

- Mr.C.Pranesh, Dr.C.Karthik, Mr.S.C.Sarath Kumar and Mr.S.Suresh presented a paper titled 'A Review of Non-Destructive Testing Methods for Conditional Assessment of Concrete Elements' in the national conference on 'Emerging trends in Engineering and Technology' organized by Nandha College of Technology, Erode, (ISBN: 978-81-967307-5-8) on 06.04.2024.
- Mr.S.C.Sarath Kumar, Dr.C.Karthik, Mr.C.Pranesh and Mr.S.Suresh presented a paper titled 'Mechanical Behaviour of Concrete by Replacing Fine Aggregate with Foundry Sand Including Glass Fibre' in the 11th national conference on 'Trendy and Sustainable Development in Civil Engineering' (NCTSDCE'24) organized by the Department of Civil Engineering, K.S.R College of Engineering, Tiruchengode, (ISBN: 978-81-19762-98-9) on 26.04.2024.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

- Four programmes were attended by faculty members in the Department of Computer Science and Engineering.
- Dr.S.Jabeen Begum presented a paper titled 'Smart Secure Web Security Scanner with AI Assistance', in the 2nd international conference on 'Innovative Trends in Engineering and Sciences' (ICITES'24) in Bannari Amman Institute of Technology, Sathyamangalam on 26.04.2024 and 27.04.2024
- Ms. C.Kotteeswari presented a paper in titled 'Detection and Diagnosis of Faculty Photovoltaic Modules Through Machine Learning Algorithms' in the international conference on 'Intelligence Computing and Information Technology' conducted by Erode Sengunthar Engineering College, Erode on 03.04.2024 and 04.04.2024.
- Ms. R.Vidhya presented a paper titled 'Identification of Bird Species using LSTM with MFSS across a Framework', in the 10th national conference on 'Emerging Trends in Engineering and Technology' conducted by Nandha College Of Technology on 06.04.2024.
- Mr.A.P.Gopu presented a paper titled 'Stock Price Prediction Using Linear Regression' in the international conference on 'Intelligent Computing and Information Technology' organized by Erode Sengunthar Engineering College, Erode from 03.04.2024 to 04.04.2024
- Ms.S.Devisri presented a paper titled 'Revolutionizing Alzheimer's Diagnosis CNN-based Early Detection through Blood Plasma Analysis' in IASICT'24 in Karpagam Institute of Technology on 05.04.2024.
- Ms.Thilagarani M presented a paper titled 'Tamil Hand Writing Text Recognition' in the 'Emerging Trends in Engineering and Technology' conducted by Nandha College of Technology on 06.04.2024.

- Dr.V.Kavitha presented a paper on the title 'Secure Social Media with Image and Text Moderation' and Mr.P.Mariappan presented two papers on the titles 'Strategic VM Placement for Enhanced Performance: Real -Time Monitoring and Resource Analysis' and 'Predictive Modeling for Water Borehole Drilling using Machine Learning' in the 8th international conference on 'Engineering Technology and Science' (ICETS'24) conducted by Muthayammal College of Engineering, Rasipuram on 20.04.2024.
- Ms.S.Nithya presented papers titled 'Analyzing App Reviews Using adaboost SVM' and 'An NLP Approach for Product Rating Prediction Based on Customer Reviews and Product Features' and Ms.V.RaagaVarsini presented a paper titled 'IOT Enhanced IV Bag Monitoring With Vital Signs and Emergency Alerts' in the international conference on 'Recent Trends in Science, Engineering and Technology' conducted by Kamaraj College of Engineering and Technology on 16.04.2024.
- Dr.V.LathaJothi, Dr.S.Russia and Dr.V.Kavitha acted as resource persons for the Value Added Course on '18CSV01 R Programming' held from 22.04.2024 to 26.04.2024.
- Dr.V.Latha Jothi received Top performing Mentor award for the NPTEL online certification course 'Introduction to Industry 4.0 and Industrial Internet of Things' conducted during Jan – Apr 2024 examinations.
- Dr.V.Latha Jothi received NPTEL Discipline Star based on the results of Jan – Apr 2024 NPTEL examinations. She successfully completed the NPTEL online certification course 'Discrete Mathematics' during Jan – Apr 2024.
- Dr.S.Russia received Mentor award for the NPTEL online certification course 'Data Analytics with Python' during Jan – Apr 2024 examinations.
- Ms.M.Thilagarani and Ms.S.Nithya received Mentor award for the NPTEL online certification course 'Privacy and Security in Online Social Media' during Jan – Apr 2024 NPTEL examinations.
- Dr.S.Gokulraj and Mr.A.P.Gopu handled sessions under the title 'Advanced Computer Training' for Health Inspectors, Data Entry Operators, and other staff of the District Health Office, Erode, conducted from 02.04.2024 to 03.05.2024 in our college premises.
- Dr.S.Gokulraj acted as a jury in the international conference on 'Information Technologies and Smart Systems 2024' conducted by JP College of Engineering, Tenkasi on 03.04.2024.
- Dr.V.LathaJothi acted as the technical chair in the international conference on 'Information Technologies and Smart Systems 2024' (ICITSS-2024), conducted by JP College of Engineering, Tenkasi on 03.04.2024 and 04.04.2024.
- Dr.S.Russia served as the reviewer in the conference '2024 IEEE Students Conference on Engineering and Systems (SCES-2024)', organized by Department of Electrical Engineering, Motilal Nehru National Institute of Technology, Allahabad, Prayagraj, from 21.06.2024 to 23.06.2024.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One programme was attended by faculty members in the Department of Electrical and Electronics Engineering.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

- Three programmes were attended by faculty members in the Department of Electronics and Communication Engineering.
- Dr.M. Nisha Angeline, Mr.S. Ashwanth, Mr.K.K. Pradeep, Ms.V. Sakthi Priya, Ms.S. Aiswarya and Ms.R. Hemalatha presented papers in the 7th edition international conference on 'Recent Development in Engineering and Technology' conducted by Dhaanish Ahmed Institute of Technology, Coimbatore on 06.04.2024.
- Dr.M. Nisha Angeline and Dr.S.Mahendrakumar presented a paper in the 10th national conference on 'Emerging Trends in Engineering and Technology' conducted by Nandha College of Technology on 06.04.2024.
- Mr.K.S.Murugesan, Mr.R.Gopalan and Mr.G.Boopathi Raja presented a paper in the 6th international conference on 'Emerging Trends in Engineering and Technology' conducted by ST.Joseph College of Engineering, Chennai on 17.04.2024.
- Ms.T.Sathya and Ms.N.Divyaa presented a paper in the international conference on 'Innovation in Intelligence and Informatics' conducted by Sri Sai Ranganathan Engineering College, Coimbatore on 20.04.2024.
- Dr.K.Venkatachalam presented a paper in the national conference on 'Recent Trends in Engineering and Technology' conducted by Gojan School of Business & Technology on 27.04.2024.
- Dr.K.Senthil Prakash, Dr.M.Parimala Devi, Mr.K.S.Murugesan and Mr.B.Dineshkumar presented a paper in the international conference on 'Adaptive Technologies for Sustainable Growth' conducted by Paavai Engineering College on 27.04.2024.
- Dr.M. Nisha Angeline presented a paper in the 12th international conference on 'Advanced Science and Engineering Research – 2024' conducted by Al-Ameen Engineering College on 07.05.2024.
- Dr. M. Parimala Devi acted as a resource person in the 'Orientation Programme on VLSI Design' conducted at VCET on 02.04.2024.
- Dr.V.Gowrishankar delivered a guest lecture on the title 'RFID Enabled Sensors and Applications' conducted by the Department of ECE, Care College of Engineering, Trichy on 10.04.2024.
- Dr. M. Parimala Devi organized a workshop on 'IPR & IP management for Startup' conducted at VCET on 20.05.2024 and 21.05.2024.
- Mr.N.Karthikeyan delivered a lecture on the title 'Fund Rising in Entrepreneurship' conducted at VCET on 28.05.2024.
- Dr. S.Mahendrakumar published a book titled 'Predicting Pregnancy Complications through Artificial Intelligence and Machine Learning' by Kalaivani Publications, Erode on May 2024.
- 3 faculty members completed various 12 weeks NPTEL courses conducted by Indian Institute of Technology, Kharagpur during January-April 2024.

DEPARTMENT OF MECHANICAL ENGINEERING

- Four programmes were attended by faculty members in the Department of Mechanical Engineering.
- 9 faculty members completed the NPTEL online certification course 'Inspection and Quality Control in Manufacturing' and 2 faculty members completed NPTEL online certification course 'Product Design and Manufacturing'.
- Dr.S.Velumani secured 'Elite + Gold' tag in the NPTEL online certification course 'Inspection and Quality Control in Manufacturing'.

DEPARTMENT OF MEDICAL ELECTRONICS

- Two programmes were attended by faculty members in the Department of Medical Electronics.
- Dr. M. Pravin Kumar presented papers titled 'Revitalizing Varicose Vein Therapy' and 'Automatic Detection and Control of Sleep Apnea' in the national conference on 'Innovation in Scientific Computing and Optimization Techniques' on 30.04.2024 at Er.Perumal Manimekalai College of Engineering, Hosur.
- Ms. S. B. Abitha presented a paper titled 'A Home Driven Physiological Parameter Monitoring Healthcare Teleapp System' in the international conference on 'Advancement in Computation & Computer Technologies' on 03.05.2024 at Chandigarh University Campus, Punjab.
- Ms. K. Vanitha presented a paper titled 'Adaptive support Pillow with Acoustic Analysis of Snoring' in the international conference on 'Recent Trends in Science, Engineering and Technology' on 16.04.2024 at Kamaraj College of Engineering and Technology, Madurai.
- Mr. S. Surender presented a paper titled 'An IOT based MEDI-KIT for Passengers in Train' in the international conference on 'Innovation in Intelligence and Informatics' on 20.04.2024 at Sri Sai Ranganathan Engineering College, Coimbatore.
- Mr. S. Surender presented a paper titled 'Automated Gas Leakage Detection and Shutoff in Hospital' in the 3rd international conference on 'Advanced Material, Modern Manufacturing and Computerized Automation' on 24.04.2024 at JCT College of Engineering and Technology, Coimbatore.

DEPARTMENT OF INFORMATION TECHNOLOGY

- Seven programmes were attended by faculty members in the Department of Information Technology.
- Ms.V.Gomathi presented a paper on 'Enhancing Data Security the Power of Block Chain based Secure Computing' and Mr.K.Gopalakrishnan presented a paper on the topic 'Artificial Intelligence, Cyber Security, IoT and Computing Technologies' in the international conference on 'Artificial Intelligence, Cyber Security, IoT and Computing Technologies' conducted by Karpagam Institute of Technology, Coimbatore 05.04.2024.
- Dr.R.Menaka presented a paper on 'Railway Track Anomaly Detection using Ensemble of Inception V3 and Efficient Net B7' in the international conference on 'Artificial Intelligence, Cyber Security, IoT and Computing Technologies' conducted by Karpagam Institute of Technology 05.04.2024.
- Dr. V. K. Manavalasundaram presented a paper on 'A Comparative Study on Machine Learning based Optimal Crop Recommendation System in Smart Agriculture' and Dr. R. Menaka presented a paper on 'A survey on Wavelet CNN Fusion for Enhanced image Restoration' in the international conference on 'Multi-disciplinary Perspectives in Engineering and Technology' conducted by CMS College of Engineering and Technology on 23.04.2024.
- Mr. P. Prakash attended an Innovation Ambassador (IA) Training Program on 'Re-Skilling IA Certificate' conducted by Ministry of Education's Innovation Cell and AICTE through the Institution's Innovation Council (IIC).
- 3 faculties completed and certified for the 10 hours courses 'Cloud Computing Fundamentals', 'Artificial Intelligence Fundamentals' and 'User Experience Design Fundamentals' from 10.06.2024 to 20.06.2024 in IBM Skills Build.
- 2 faculty members were awarded 'Elite + Silver' tag for the NPTEL online certification course 'Design Thinking - A Primer' conducted during Jan – April, 2024.
- Mr. Gopalakrishnan K secured 'Elite' tag for the NPTEL online certification course 'Teaching and Learning in Engineering (TALE)'.
- 4 faculty members secured 'Elite' tag for the NPTEL online certification course 'Design Thinking - A Primer'.

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

- Dr.S.Sadesh presented a paper titled 'Credit Card Fraud Detection using Machine Learning' in the international conference on 'Latest Trends in Science, Engineering and Technology' on 26/04/2024 in Karpagam Institute of Technology, Coimbatore.
- Dr.S.Sadesh participated in the NPTEL workshop conducted on 22 June 2024 by IIT Madras at IC&SC auditorium.
- Mr.V.Manoj Praveen secured 'Elite+ Silver' tag for the NPTEL online certification course 'Research Methodology' during January-April, 2024.
- Mrs Thivya Rajkumar secured 'Elite' tag for the NPTEL online certification course 'Joy of Computing using Python' during January-April, 2024.

DEPARTMENT OF MANAGEMENT STUDIES

- Five programmes were attended by faculty members in the Department of Management Studies.
- Dr.T.Vetrivel and Ms. L. Rasiga Priya participated in the international conference on 'Navigating Metaverse in Shaping the Future of Business' organized by Vivekananda Institute of Information and Management Studies, Tiruchengode on 10.05.2024.
- Dr.N.Balachandran secured 'Elite + Gold' tag with AICTE-FDP certification for the 12 week NPTEL online certificate course 'Talent Acquisition and Management' with 90% of score and Dr..K. T.Kalaiselvi and Dr.A.Kannammal successfully completed the same course during January-April, 2024.
- Dr. N.Balachandran secured 'Elite' tag with AICTE-FDP certification for the 12 week NPTEL online certification course 'Innovation in Marketing and Marketing of Innovation'.
- Dr.T.Mohanapriya completed the NPTEL online certification course 'Organizational Design Change and Transformation' with AICTE-FDP certification during January – April, 2024.
- Dr.K. T.Kalaiselvi completed the NPTEL online certification course 'Strategic Services Marketing' with AICTE-FDP certification and received Top Performing Mentor certificate from NPTEL during January-April, 2024.
- Dr.D.Muthukrishnaveni delivered a guest lecture on 'World Intellectual Property Day' for the students of Electrical and Electronics Engineering on 21.05.2024.
- Dr.T.Mohanapriya delivered a guest lecture on 'Angel Investment / VC Funding Opportunity for Early – Stage Entrepreneurs' for students of Electrical and Electronics Engineering on 21.05.2024.
- Dr.K. T.Kalaiselvi and Dr.A.Kannammal received a Mentoring certificate from SWAYAM-NPTEL for mentoring the students for the course 'Talent Acquisition and Management' during January - April, 2024.
- Dr.T.Mohanapriya has completed NPTEL online certification course 'Organizational Design Change and Transformation' with 87% (Top 2%) with 'Elite + Silver' during the period of Jan-Apr 2024 and also received mentor certificate for the same.
- Dr.K. T.Kalaiselvi completed the NPTEL online certification course 'Strategic Services Marketing' with 'Elite + Silver' Grade during January - April 2024.

DEPARTMENT OF SCIENCE AND HUMANITIES

DEPARTMENT OF MATHEMATICS

- Two programmes were attended by faculty members in the Department of Mathematics.
- D. Shanmuga Vadivu presented a paper on 'Star Edge Coloring of Tensor Product of Cycles' in the 1st international conference on 'Transcendent Mathematics: Integrating varied Approaches' conducted by Excel Engineering College on 23.05.2024.
- Dr.K.Rathi acted as a chairperson for the technical session in the international conference on 'Mathematical Modeling and Intelligent Systems' jointly organized by the Department of Mathematics of VCET and Sri Vidhya Mandir Arts and Science College, Uthangarai, Krishnagiri Dt. on 18.04.2024.

DEPARTMENT OF PHYSICS

Dr.S.Ranjitha presented a paper entitled 'Designing of Visible Light Active g-C3N4/Ni-ZnO Photocatalyst Naocomposite for the Removal of Indigo Carmine' in the DST-SERB sponsored international conference on 'Sustainable Materials for Energy Applications' Erode Sengunthar Engineering College, from 21.03.2024 to 22.03.2024.

DEPARTMENT OF CHEMISTRY

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

DEPARTMENT OF ENGLISH

Two 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, 'Quadrature Response Spectra Deep Neural Based Behavioral Pattern Analytics for Epileptic Seizure Identification', Measurement Science Review, Volume 24 -Issue 2, ISSN 1335-8871, pp 47-53, April 2024.
- Ms.C.Radhika, 'Boundary Confusion Alleviation and Multiscale-temporal Feature Extraction for VAG based Fine Grained Multigrade Osteoarthritis Deterioration Monitoring', IEEE Scopus Indexed.
- Ms.R.Leelavathi published a utility patent on 'Prescription Image Based Pharmacy Care Services' on 17.05.2024.
- Dr.S.K.Manikandan registered a copyright for 'A High Speed Vedic Multiplier Design: Yavadunam Sutra with Bit Reduced Reminder Calculation' on 27.04.2024, Registration Number: 13380/2024-CO/SW.

DEPARTMENT OF CIVIL ENGINEERING

- Ms.A.Anitha, Dr.C.Karthik and Mr.S.C.Sarath Kumar published a paper titled 'Effect of Quarry Dust on the Fresh Concrete Properties of Self Compacting Concrete' in Materials Science Forum, ISSN: 1662-9752, Vol. 1120, pp 137-143, April 2024.
- Dr.C.Karthik and S.Suresh published a paper titled 'Mechanical Properties on Concrete by Replacing Fine Aggregate with Glass Waste Particles: An Experimental Study' in Materials Science Forum, ISSN: 1662-9752, Vol. 1120, pp145-154, April 2024.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

- Dr.S.Russia published a patent titled 'An Integrated Machine Learning and IOT Approaches for Secure Smart Home Automation' on 18.06.2024 with application number 202441046674.
- Dr.V.Latha Jothi published a patent titled 'Implementation of Artificial Intelligence based Techniques for Robotic and Autonomous Inspection of Mechanical Systems and Civil Infrastructure' on 26.04.2024 with application number 202441031893.
- Dr. S. Gokulraj published a book entitled 'Artificial Intelligence and Machine Learning –Principles and Applications' by San International Scientific Publications with ISBN - 978-81-973428-9-9 on 25.05.2024.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

- Dr.P.Sakthivel (3rd Author) published book chapter titled 'IoT-Based Optimal Power Generation Monitoring in Hybrid Power Plant System for Effective Grid Maintenance' in the book titled 'Smart Grids as Cyber Physical Systems: Smart Grids Paving the Way to Smart Cities' with print ISBN:9781394261697 |Online ISBN:9781394261727 |DOI:10.1002/9781394261727 © 2024 Scrivener Publishing LLC (Scopus Indexed).
- Dr.P.Sakthivel (3rd Author) presented a paper on the title 'Design And Analysis of Master Slave D Flip Flop Using Pass Transistor' and as 6th author presented a paper on 'Detection and Characterization of Thyroid Cancer Nodule Using Deep Neural Networks – A Review'in the 15th International IEEE conference on 'Computing, Communication And Networking Technologies' (ICCCNT) (Scopus Indexed Conference) during June 24 - 28, 2024, IIT - Mandi, Himachal Pradesh, India.
- Dr.M.Sreedhar (4th Author) published a paper titled 'Vehicle Functionality and Security Optimization of Autonomous Vehicles Utilizing EHO: A Blockchain-Based Concept' in the International Journal of Advanced Technology and Engineering Exploration, Vol 11(114), pp 668-685, ISSN No. 2394-5443 (Scopus Indexed).
- Hariprasath S and Gokula Brindha S presented a paper on the title 'Dynamic Current Regulation in a Bidirectional AC-DC Converter for Renewable Energy Applications' and Gokula Brindha S in the fifteenth international IEEE conference on 'Computing, Communication and Networking Technologies' during June 24 – 28 2024. (Scopus Indexed Conference).
- Pradeep R, Gokula Brindha S, Hariprasath S published an Indian patent entitled 'Optimising Irrigation Efficiency Using IoT and Machine Learning for Smart Agriculture Systems' during April 2024.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

- Dr.S.Rajan published a paper titled 'Developing an Intelligent System for Multilingual Visual to Audio Conversion for Persons with Visual Impairments using Artificial Intelligence' in the International Research Journal of Engineering and Technology, Volume 11, Issue 4, pp 2156- 2159 on April 2024.
- Ms.N.Divyaa published a paper titled 'Artificial Intelligence and Supervised Learning based Solid Waste Segregation Mechanism using ESP 32' in IEEE Xplore on April 2024.
- Dr.K.Venkatachalam published a paper titled 'Work Wise Pay Pro' in the International Journal of Research Publication and Reviews' Volume 5, Issue 4, pp 7075-7083 on May 2024.
- Dr.K. Senthil Prakash applied for a patent on 'Information System for Contamination Water Quality Monitoring Using Cloud Based IoT' on 19.04.2024 [202441009131 A].
- Mr.P.Senthilkumar published a patent on 'Modified Cascaded H-Bridge Multilevel Inverter for the Minimization of THD using Sparrow Search Algorithm' on 19.04.2024 [202441029452 A].
- Mr.S.Nachimuthu published a patent on 'Cluster Electric Vehicle Charging Behaviour Optimization Method based on Deep Reinforcement Learning' on 19.04.2024 [202441029453 A].
- Ms.N.Divyaa and Ms.M Padmapriya published a patent on 'Machine Learning based on Camera for Health Care Management' on 24.04.2024.
- Ms.S.Yamuna published a patent on 'Perovskite sensor-based Gas Monitoring in Li-Ion Batteries: A Deep Learning Perspective' on 26.04.2024 [202441032259A].
- Dr.V.Gowrishankar, Dr. M. Parimala Devi, Mr.K.S.Murugesan, Ms.S.Pavithra and Mr.K.K.Pradeep published a patent on 'Fog Computing Enabled Smart Poultry Litter Management' on 15.06.2024 [App. No :202441043144].
- Dr.V.Gowrishankar, Ms.S. Pavithra, Dr. M. Nisha Angeline, Dr. M. Parimala Devi, Mr.S. Nachimuthu, Mr.K.K. Pradeep and Mr.B.Dinesh Kumar registered a copy right on 'Manual For Embedded System Design Laboratory' on 09.04.2024 [Diary Number/ROC Number L-146477/2024,Class of Work-Literary/ Dramatic].
- Dr. M. Nisha Angeline, Dr.K.S.Manikandan, Dr.V.Gowrishankar, Mr. G. Boopathi Raja, Ms. S. Aiswarya, Ms. M. Padmapriya and Ms. N. Divyaa registered a copy right on 'A High Speed Vedic Multiplier Design: Yavadunam Sutra With Bit Reduced Reminder Calculation' on 28.04.2024 [Diary Number/ROC Number -13380/2024-CO/SW,Class of Work-Computer Software Work].
- Dr.S.Rajan, Mr. G.Boopathi Raja and Dr. M. Parimala Devi filed a copy right on 'Digital Signal Processing Manual' on 31.05.2024 [Class of Work-Literary/ Dramatic].

DEPARTMENT OF MECHANICAL ENGINEERING

- Dr.R.Kumaravelan published a paper titled 'Effect of Hybrid Filler Loading (Polyalthia Longifolia Seed and Graphite) on the Mechanical and Thermal Properties of Vinyl Ester Composites' in the journal Polymer Composites during March 2024. Vol.45, Issue.7, pp.6318-6331.
- Dr. R. Kumaravelan has been granted a design patent for 'Smart Oil Level and Condition Indicating Brake Lever' on 26.04.2024.

DEPARTMENT OF MEDICAL ELECTRONICS

- Dr. V. Chandrasekaran published a paper titled 'A Novel Approach to Macular Edema Detection: DeepLabv3+ Segmentation and VGG with Vision Transformer Classification' in *Automatika, Journal for Control, Measurement, Electronics, Computing and Communications* during May 2024.

DEPARTMENT OF INFORMATION TECHNOLOGY

- Mr.P.Prabhu Ranjith published a book titled 'Artificial Intelligence Smart Predictions Agricultural Sector'. Kalaivani publications, ISBN number: 9788196684075
- Mr.P.Prabhu Ranjith published a book titled 'Artificial Intelligence to Predict of Air Quality Index'. Kalaivani publications, ISBN number: 9788196684020
- Mr. K.Gopalakrishnan published a paper titled 'Crop Classification using Convolution Neural Network', in *GRENZE International Journal of Engineering*, Vol. 10, Issue.2, June 2024, ISSN: 2395-5295; 2395-5287.
- Mr.K.Gopalakrishnan published a paper titled 'A Review on Speech Emotion Recognition with Machine Learning Techniques', *Technology in GRENZE International Journal of Engineering*, Vol. 10, Issue.2, June 2024, ISSN: 2395-5295; 2395-5287.
- Mr.C.Saravanan published a paper titled 'Customizing Music Playlists based on user Emotional States: A Survey', in *GRENZE International Journal of Engineering*, Vol. 10, Issue.2, June 2024, ISSN: 2395-5295; 2395-5287.
- Mr. C.Saravanan published a paper titled 'Unmasking Deception in Virtual Process against Digital Deceit', in *GRENZE International Journal of Engineering*, Vol. 10, Issue.2, June 2024, ISSN: 2395-5295; 2395-5287.
- Mr. M.Kavitha published a paper titled 'The Intersection of Algebra and Cryptography: Enhancing Information Security through Mathematical Foundations' in *International Journal of Communications on Applied Nonlinear Analysis*, Vol 31, Iss No 4, July 2024, ISSN: 1074-133X(Scopus).
- Mr. M.Kavitha published a paper titled 'A Review on Lane Line Detection and Forward Collision Warning using Artificial Intelligence' in *GRENZE International Journal of Engineering*, Vol 10, Iss No 2, PP 4434-4439, July 2024, ISSN: 1074-133X(Scopus).

- Ms.P.Prema published a paper titled 'RWHO: A hybrid of CNN architecture and optimization algorithm to predict basal cell carcinoma skin cancer in dermoscopic images', in *The Journal of Scientific Temper*, Vol. 15 (2): 2138-2142, E-ISSN: 2231-6396, ISSN: 0976-8653.

DEPARTMENT OF MANAGEMENT STUDIES

- Dr.T.Vetrivel published a paper on the topic 'Coimbatore's Choice: Unveiling the Most Beloved Brands through Customer Lens' in the journal *International Journal of All Research Education and Scientific Methods (IJARESM)*, Vol. 12, Issue No: 5, pp. 3241-3252, during May 2024.
- Dr.T.Vetrivel, published a paper on the topic 'Inside the Minds of Coimbatore Consumers: Deciphering Brand Appeal and Preference' in the journal *International Journal for Science and Advance Research in Technology (IJSART)* Vol. 10, Issue No: 5, pp. 818-827, May 2024.
- Dr.N.Balachandran published a patent on the topic 'Analysis of Major Domestic Tourism Companies in India' and it has been approved under Kalam Program - KAPILA FUNDING, Kapila ID - KAPILAIN 10544.
- Dr.N.Balachandran published a patent on the topic 'Secure the Supply Chain Transaction in Cargo Industry using Block Chain Technology' and it has been approved under Kalam Program - KAPILAFUNDING, Kapila ID - KAPILAIN 10545.

DEPARTMENT OF SCIENCE AND HUMANITIES

DEPARTMENT OF PHYSICS

- Dr.P.Kirthika published a patent on the title 'Perovskite Solar Cell Optimization –Significance of Progressive Annealing Methods' on 19.04.2024.
- Dr. R. Lavanya Dhevi published a patent on the title 'Perovskite Sensors Based Gas Monitoring in Li-ion Batteries: A Deep Learning Perspective' on 26.04.2024.
- Dr. Deepa Jananakumar secured 'Elite + Topper Gold' certification in the NPTEL-AICTE Faculty Development Programme online certification course 'Atomic And Molecular Physics' during April 2024. Dr. R. Lavanya Dhevi and Dr.S.Devi secured 'Elite' certification in the same course.
- Dr.S.Ranjitha published a chapter titled 'Bio-Solids Recovery from Wastewater' in the book 'Applications of Nanotechnology for Resource Recovery from Wastewater' 1st Edition, pp 295 on 06.05.2024.

Awards / Recognitions

DEPARTMENT OF MECHANICAL ENGINEERING

- Mr. E. Ajai Kumar secured 'Elite + Gold' tag and also secured top 1% position in the NPTEL online certification course 'Product Design and Manufacturing' during January - February 2024.

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

- Dr.S.Sadesh acted as mentor for the NPTEL online certification course 'Principles of Management' during January-April 2024.
- Dr.S.Sadesh received Active SPOC NPTEL Local chapter for January-April 2024 Semester.
- Dr.S.Sadesh received a Certificate of Appreciation for Active Executive Member of PALS-IIT Local Chapter during valediction at IITM, Chennai on 21.06.2024.
- Mrs K.Keerthana received an award as Top Performing Mentor for the NPTEL online certification course 'Cloud Computing' during January-April 2024.
- Mrs Thivya Rajkumar acted as mentor for the NPTEL online certification course 'Privacy and Security in Online Social Media' during January-April 2024.

DEPARTMENT OF MANAGEMENT STUDIES

- Dr.K.T.Kalaiselvi received NPTEL DISCIPLINE STAR award during the period of January-April 2024.

GLIMPSES OF VARIOUS ACTIVITIES



VCET received PALS executive committee member at Pals Partner Institute of the year 2023-24 during valediction at IITM, Chennai on 21.06.2024.



VCET was ranked one among the top 200 NPTEL active local chapter out of 1556 institutions all over India during January - April 2024 NPTEL Exams. It also received NPTEL LC Star Award for securing top 200 ranking in 8 consecutive semesters.



BAN ON SINGLE USE PLASTIC
On April 12, 2024, the Green Club of VCET launched an initiative to ban plastic use inside the campus.



JCI club conducted a Plant Sapling Programme on 10.06.2024 in connection with World Environment Day.



Yoga and Meditation Programme
Yoga and Meditation Programme was conducted by Youth Red Cross for the benefit of first year UG students on 15.04.2024 at L-Block II Floor Yoga and Meditation Hall. Acharya Amritaksharananda Avadhut Swamiji, Chief Yoga Trainer for South India from Ananda Marga Mission, Kolkatta trained the students.



A National-level Technical Symposium was conducted on 05.04.2024. Mr. Vasanth Nagarajan, Co-Founder & CTO, Pinesphere Solutions Pvt Ltd, Coimbatore released the souvenir.

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

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