



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 23

APRIL - JUNE 2023

ISSUE 2

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MESSAGE FROM THE PRINCIPAL

Success comes to those who work hard and stays with those who don't rest on past laurels. VCET provides quality education and empowers the students, so that they can be financially independent with employment, socially conscious, morally upright and emotionally balanced. The college has strived hard to make the students confident and creative to face the society. Our institution is an amalgamation of competent teachers, state of the art infrastructure and an experienced and efficient Management, safe and supportive environment for the students to provide a perfect balance of academics, sports, artistic and social opportunities. Discipline, values and integrity are the foundation

of this institution. Extension activities like NCC, NSS, Youth Red Cross, Red Ribbon Club, Rotaract Club and Green Club have been made an integral part of the curriculum to encourage students to participate in community building processes. Social outreach programmes like camps, rallies and awareness/training programmes are organized to give knowledge on various sections of the society on Institutional Social Responsibility. The NSS unit of VCET is selected for the Best NSS Unit award for the academic year 2021-22 by Anna University, Chennai. VCET also received the award for one among the top 100 NPTEL active local chapters for JAN-April 2023. Our college takes pride in its triumph bestowed on it by the achievements of our students and we wish them a bright and prosperous future. I am delighted to welcome you all to this vibrant institution of learning.



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

The department conducted a webinar on 'Job Opportunities in Medical Coding' on 01.04.2023. Mr. Vishnu Suresh, Academic Consultant and Akhil D, Team Manager, Avodha Edutech Private Limited, Kochi, Kerala were the resource persons.

In association with IEEE, a workshop was organized on 'Poster Designing, Certificate Designing and Creating Google Forms'. It was held on 01.04.2023. BME students handled the sessions.

Project Expo 2023 was conducted on 12.04.2023. Mr.N.Mithun Chakaravathi, Associate Director - Systems Administration, KYNDRYL Solutions Private Limited, Manyata Tech Park, Bengaluru was the chief guest.

Valedictory Function for Association of BME-BIONIKX was organized on 21.04.2023. Certificates for prize winners of various activities were distributed by Dr.M.Jayaraman, Principal and Prof.P.Jayachandar, Dean.

Farewell for batch 2019-2023 students was given on 28.04.2023 in a memorable way.

A seminar on 'Role of Women as Engineer' was conducted on 05.05.2023. Dr.N.Nithyavathy, IEEE Student Branch Counselor, Associate Professor, Department of Mechatronics Engineering, Kongu Engineering College, Erode, addressed the students.

18 students got placement in Allsec Technologies, Chennai.

2 students got placement in Vee Technologies, Salem.

28 students of batch 2020-24 have undergone placement training at AMTZ campus under Indian Biomedical Skill Council (IBSC), Vishakhapatnam from 19.06.2023 to 15.07.2023.

B.Muthu Yogesh, Time Medicals, M.K. Vishnu, Sasha Health care, M.Darshan, GE Healthcare got selected under IBSC.

15 students have completed various NPTEL courses with 'Elite + Silver' tag certification, 44 students with 'Elite' certification and 37 students have completed the courses successfully.

Divya J, Kaviya K and Keerthana C presented a paper at KSR College of Engineering, Tiruchengode on 05.04.2023 and 06.04.2023.

Subaraja P, Amruthavarshini B and Keerthana A presented a paper at CEG Campus, Anna University, Chennai from 18.04.2023 to 21.04.2023.

Shalini J J, Suja M, Preethika M and Sivasakthi M presented a paper at KSR Institute for Engineering and Technology, Tiruchengode on 27.04.2023.

Sandhya S and Sai Nhandhini C K exhibited a project at Kongu Engineering College, Perundurai on 19.04.2023.

Sai Nhandhini C K and Subiksha A exhibited a project in the Launch of TN Skills 2023 at TN Skill Development Corporation on 05.05.2023.

10 students attended Arduino Training under Spoken Tutorial Project, IIT Bombay on 20.04.2023.

6 students attended an international conference at Kalaingar Karunanidhi Institute of Technology from 05.04.2023 to 06.04.2023.

17 students attended a national conference at Velammal Engineering College, Chennai on 11.04.2023.

Nisha S and Sindhu R attended a 1 week industrial training at Pantech E-Learning from 9.4.2023 to 16.4.2023.

Sai Nhandhini C K participated in 2kms and 5kms running competition at JCI Erode on 23.04.2023.

Saranraj B, Mouli Surya M and Santhosh S won the first prize for e-sports event at Adithya Institute of Technology.



DEPARTMENT OF CIVIL ENGINEERING



PROJECT EXPO 2023 was conducted on 12.04.2023. 12 projects have been exhibited by 50 students and top three projects were awarded with cash prizes and appreciation certificates were awarded to noteworthy ideas.

A seminar on 'Business Model Canvas' was conducted on 11.04.2023. Dr.S.Sivakumar, Associate Professor, K.S.Rangasamy College of Technology, Tiruchengode was the resource person. He interacted with the students about startups, planning skills, employee collaboration and building valuation. Second year and third year students of Civil Engineering were benefited.

Valedictory function of student association RACE was conducted on 18.04.2023. Dr.M.Jayaraman, Principal and Prof.P.Jayachandar, Dean addressed the gathering and distributed certificates to the winners of various association activities.

Twenty-five students from second year (Batch: 2021-2025) underwent an in-plant training for a period of 14 days during the summer vacation at various construction industries viz: M/s PMS Builders, Erode, M/s S.V.R Nachimuthu Construction, Erode, M/s VELS Engineering works, Namakkal, M/s Thirumurukan Construction, Erode, M/s G.K Planners & Construction, Erode, M/s Cauvery Construction, Gobi, M/s Vjai Builders, Erode, M/s EKB Builders, Erode.

Twenty-eight students from final year (Batch: 2019-2023) received placement offers in various companies namely M/s Cognizant Technology Solutions, M/s Ramalingam Construction Company, M/s Lotus Construction, Erode, M/s Future Planners, Erode, M/s Balamurugan Associates, Erode, M/s Milekal, M/s Future Planners, M/s Awe Care Erode, M/s Sri Bharani Builders, M/s A.R.G Design, M/s Sri Angalamman Constructions and M/s AP Associates.

Nine students of third year (Batch: 2020-2024) took part in placement training conducted by Focus Academy for Career Enhancement (FACE), Coimbatore, from 19.06.2023 to 12.07.2023.

Thirty-two students from third year (Batch: 2020-2024) successfully completed the 12-week NPTEL Course on 'Forest and their Management' during Jan-April 2023. In this Vimalleshwari L, Harshini Varsha L.B, Eragil P.L, Sandhiya K.G, Dhenadhayalan T, Arunramanan V, Sudha S, and Vidhya Bharathi S were successfully completed with Elite + Gold Certification and 17 students were successfully completed with Elite + Silver Certification.

Twenty-eight students from second year (Batch: 2021-2025) successfully completed the 12-week NPTEL Course on 'Forest and their Management' during Jan-April 2023. In this Shafrin A, Mythili L, and Apsha Sajna, were successfully completed with Elite + Gold Certification and 17 students were successfully completed with Elite + Silver Certification.

Abishek A, Eragul P L, Arunramanan V and Guna T participated and presented a paper in the international conference on Sustainable Design, Materials and Manufacturing in Engineering organised by the Department of Civil Engineering, Dr.N.G.P Institute of Technology, Coimbatore, sponsored by Indian Society for Technical Education (ISTE), New Delhi on 05.04.2023 & 06.04.2023.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Ms R Vidhya, AP and Dr V Kavitha, ASP coordinated a Five Day Online FDP on 'ICT-23 Research Methodology and Ethics in Research Publication' under 'Education and Educational Management Department' of NITTTR, Chandigarh from 15.05.2023 to 19.05.2023.

Ms.R.Vishalakshi and Ms.K. Keerthana coordinated and conducted a five day Short Term Course on 'Effective Teaching Learning using Social Media' organized by NITTTR, Chandigarh from 05.06.2023 to 09.06.2023.

The association of CSE 'MAGNUMOPUS' organized a seminar on 'How to Face and Crack Technical Interviews' on 06.04.2023.

Valedictory Function of the association of CSE & Clubs of CSE was conducted on 20.04.2023.

02 students (from 2020-2024 Batch) got placement in 'INCRESCO', Bangalore, for the position of Trainee Associate Software Engineer, with the Cost To Company of 4.00 lakhs per annum.

96 students of batch 2020-2024 have attended campus recruitment drive by M/s Bi3 Technologies, Chennai on 12.05.2023.

92 students of batch 2020-2024 have attended virtual campus recruitment drive by M/s VISAI Labs, Chennai on 04.05.2023.

Santhiya K B (20CSR081) participated and cleared NeoCodeathon_June_2023_Prelims, in the Hackathon Event.

42 batches of students participated in Project Expo'23 held at Velalar College of Engineering and Technology.

120 students presented papers in various national conferences held at various engineering colleges.

97 students completed various NPTEL courses under various topics.

40 students have attended internship in various companies during the months of April – June 2023.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Association Valedictory Function was conducted on 24.04.2023 for the benefits of all the faculties and students.

37 students of pre-final year ECE have attended campus drive by M/s VISAI LABS, on 06.04.2023 and 07.04.2023 and 3 students got shortlisted for the next round.

37 students of pre-final year ECE have attended campus drive by M/s Logbase, Coimbatore on 18.05.2023 and 4 students got shortlisted for the next round.

141 students of pre-final year ECE have attended campus drive by M/s Bi3 Technologies, Chennai on 19.05.2023 and 12 students got shortlisted for the next round.



157 pre-final year placement willing ECE students have attended placement training program by FACE Academy from 19.06.2023 to 06.07.2023.

Kavikannan B, Mounish S R, Narendhiran G, Kavushik Balaji R, Prasath Kumar M and Nandhakishore K of second year attended a workshop on 'Ethical Hacking' conducted by Kongu Engineering College, Perundurai on 5.04.2023.

Sarmila K and Srimathi R of third year presented a paper on '5G Wireless Communication' conducted by Government College of Technology, Coimbatore on 31.03.2023 & 01.04.2023.

Sonraksha M and Savitha K of third year presented a paper on 'Smart City Waste Management' conducted by Government College of Technology, Coimbatore on 31.03.2023 & 01.04.2023.

Santhoshkrishna S S, Vasanthraj C and Vignesh M of third year presented a paper on 'Single Solar Tracking System' conducted by Government College of Technology, Coimbatore on 31.03.2023 & 01.04.2023

Kaviya A and Logavarshini N of second year presented a paper on 'OLED' conducted by Government College of Technology, Coimbatore on 31.03.2023 & 01.04.2023.

Kowsika K S and Mathumita R A of second year presented a paper on 'IoT' conducted by Government College of Technology, Coimbatore on 31.03.2023 & 01.04.2023.

Narendhiran G and Manojmadhanraj S of second year presented a paper on 'IoT Application in Health Care for Elderly People' conducted by Kongu Engineering College on 5.04.2023.

Mukesh P and Mounish S R of second year presented a paper on 'Wearable Devices' conducted by Kongu Engineering College on 05.04.2023.

Kavushik Balaji R and Prasath Kumar M of second year presented a paper on 'Wireless Power Transfer' conducted by Kongu Engineering College on 05.04.2023.

Kavikannan B and Nandhakishore K of second year presented a paper on 'Underwater Cable Fault Detection System' conducted by Kongu Engineering College on 05.04.2023.

Kavinraj M and Kavipriya B of second year presented a paper on 'Finger Print Based Patient Monitoring System' conducted by Kongu Engineering College on 05.04.2023.

Srinivaya T, Tamilarasi V, Varunapriya R and Vignesh M of third year exhibited a project titled 'Smart Mask to Health Monitoring' conducted by Government College of Technology, Coimbatore on 31.03.2023 & 01.04.2023.

48 Students from final year ECE went to internship at various companies during April 2023.

48 students of third year ECE and 41 students of second year ECE have successfully completed the NPTEL online certification course 'Principles of Management'.

09 students of third year ECE have successfully completed the NPTEL online certification course 'Entrepreneurship Essentials'.

2 students of third year ECE have successfully completed the NPTEL online certification course 'Introduction to Cognitive Psychology'.

4 students of second year ECE have successfully completed the NPTEL online certification course 'Privacy and Security on Online Social Media'

16 students of final year ECE presented papers in the national conference organised by Excel Engineering College, Komarapalayam on 06.04.2023.

8 students of final year ECE presented papers in the international conference by St. Joseph College of Engineering on 19.04.2023 and 20.04.2023.

4 students of final year ECE presented papers in the international conference on 'Advanced Computing Technology' by Velammal College of Engineering and Technology, Chennai on 20.04.2023 and 21.04.2023

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The association valedictory function was conducted on 24.04.2023. Dr.M.Jayaraman, Principal, Dr.P.Sakthivel, HoD/EEE, Ms.M.Vikasini, Executive Member and others took part in the function. Ms.M.Vidhya, Student Secretary welcomed the gathering, followed by the presentation of the annual report. Then the students were awarded with certificates and cash prizes for the project expo and various events held during the academic year 2022-23.

DEPARTMENT OF INFORMATION TECHNOLOGY

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

A seminar on 'Placement: A Kayak Paddle on a Well' was conducted on 17.04.2023 for the benefit of third year students.

Association valedictory function was conducted on 18.04.2023 for the benefits of all the students.

Sindhu T E, Niwas S and Hari V of final year received internship offer from Incesco Technology Solutions Pvt Ltd, Bangalore.

A 15 day placement technical training was conducted from 19.06.2023 to 06.07.2023 and final year students got benefitted.

Induja N of third year attended a workshop on 'Cloud Practitioner' conducted by UDEMY on 07.04.2023.

Mugesh S, Swathi M and Tharani J K of third year IT attended a workshop on 'Python Bootcamp' conducted by IDM Tech Park on 16.04.2023.

Rimitha M, Pavithra K and Sabarna L of second year IT attended a workshop on 'Applied Artificial Intelligence' conducted by Kongu Engineering College, on 25.04.2023.

Tharani J K of third year IT attended a workshop on 'Free Human Resource Skills' organised by Tareeqa Global Solution Pvt. Ltd on 12.05.2023.

Navaneethan G of third year IT attended a seminar on 'Brain Storming Session' conducted by Kongu Engineering College on 19.04.2023.

4 students of third year IT attended and completed an online training 'Fullstack Web Development' conducted by Pantech E Learning from 09.04.2023 to 16.04.2023.



106 students of second year IT attended and completed the online training 'C- Programming' conducted by Spoken Tutorial, IIT Bombay, on 02.05.2023.

115 students of third year IT attended and completed the online training 'HTML Test' conducted by Spoken Tutorial, IIT Bombay, on 02.05.2023.

Rimitha M, Pavithra K and Sabarna L of second year presented a paper on 'Sixth Sense Technology' conducted by Kongu Engineering College on 25.04.2023.

Anbulalitha G K, Dhivya Dharshini R and Madhumitha S of third year IT presented a paper on 'Fishing Attack' conducted by Kongu Engineering College on 26.04.2023.

Sangameswaran S, Elango K, Sowmiya S, Sumithra S, Harini G, Hansanandhini C and Abirami G of final year IT underwent internship training at CTS, from 03.01.2023 to 30.04.2023.

Pranesh S, Pragadeswar A, Vignesh G, Pradeepa P, Ranjitha S and Shrihar R of final year underwent internship training at SRS Industries, from 20.01.2023 to 20.04.2023.

Sathyajothi C of final year underwent internship training at Logbase Technologies LLP, Coimbatore, from 09.10.2022 to 01.06.2023.

Rithika S, Manimekala K, Priyadarshini M, Sruthika R and Vidhya U of final year underwent internship training at KarmaDev.in Bangalore from 25.01.2023 to 25.04.2023.

Moureesh P of final year underwent internship training at Infinity Software Solutions from 06.03.2023 to 05.04.2023.

16 students of final year underwent internship training at Neophron Technologies from 06.03.2023 to 05.04.2023.

Akurati Srivani and Janani G K of final year underwent internship training at Self Study from 13.03.2023 to 15.04.2023.

Logeshkumar B of final year underwent internship training at Hexaware Technologies from 13.03.2023 to 15.04.2023.

Balaji K of final year underwent internship training at Crataflow India Pvt Ltd from 18.01.2023 to 18.06.2023.

Nikita P and Vinitha S of final year underwent internship training at Skillpark Software Solutions from 01.02.2023 to 28.04.2023.

Mullaiventhan N and Srivarshini T S final year underwent internship training at Globus, Coimbatore from 25.01.2023 to 28.04.2023.

7 students of second year have been awarded Elite+ Silver grade, 30 students of second year and 4 students of third year have been awarded Elite grade and 9 students of second year and 15 students of third year have successfully completed the NPTEL online certification course 'Principles of Management'.

5 students of third year have been awarded Elite+ Silver grade, 16 students of second year and 19 students of third year have awarded Elite grade and 10 students of second year and 6 students of third year have successfully completed the NPTEL online certification course 'Introduction to Industry 4.0 And Industrial Internet of Things'.

7 students of second have successfully completed the NPTEL online certification course 'Introduction to Internet of Things'.

Poorani T of third year participated in the Carrom competition and got the second prize conducted by VCET on 19.04.2023.

Saran S S and his team participated in the cricket match and awarded as winner conducted by VCET on 19.04.2023.

Saran S S of third year participated in Disk Throw and secured the second prize conducted by VCET on 19.04.2023.

Sriharish M of third year participated in Chess and got the second prize conducted by VCET on 19.04.2023.

Nishanthini T V and Vaishali T J of third year participated in the basket ball tournament and awarded runner conducted by VCET on 19.04.2023.

Namitha M of second year participated in the carrom competition and secured the second prize conducted by VCET on 19.04.2023.

Monika P, Rimitha M and Pavithra K of second year participated in the Kho-Kho match and got second prize conducted by VCET on 19.04.2023.

Rimitha M of second year participated in the 1500 meters and 800 meters running and secured the second prize in both the events conducted by VCET on 19.04.2023.

4 students of final year presented a paper in the 2nd national conference on 'Recent Advances in Communicative Electronics' by SRM TRP Engineering College on 09.04.2023 and 10.04.2023.

4 students of final year presented a paper in the 4th national conference on 'Communication and System Design' by PSG Institute of Technology and Applied Research on 13.04.2023.

118 students of final year presented papers in the 4th international conference on 'Innovation in Electrical and Information and Communication Engineering', conducted by Kongunadu College of Engineering and Technology on 21.04.2023 and 22.04.2023.

DEPARTMENT OF MECHANICAL ENGINEERING



Valedictory function of Fabulous Association of Mechanical Engineers and SAEINDIA VCET Collegiate Club for the academic year 2022-23 was held on 24.04.2023. VCET-MECHMERIZE, Vol 8, for Odd & Even semesters was released and the student participants received their certificates for various intra departmental activities.

40 final year students of batch 2019-2023 have attended campus recruitment drive by Laxmi Electrical Control Systems Limited, Coimbatore and Ajith Kumar P, Nithish Kannan S and Karthikeyan S got placement in it.

40 final year students of batch 2019-2023 have attended campus recruitment drive by Mitsuba India Pvt Ltd, Chennai and Ajith Kumar P and Karthikeyan S got placement in it.

40 final year students of batch 2019-2023 have attended campus recruitment drive by Hexaware BPO, Chennai and Arunachalam N and Bhuvaneshkumar V got placement in it.

40 final year students of batch 2019-2023 have attended campus recruitment drive by Tech Mahindra BPO, Chennai and Jerom Samuel R got placement in it.

40 final year students of batch 2019-2023 have attended campus recruitment drive by Kyungshin Industrial Motherson Pvt Ltd, Chennai and 14 students got placement in it.

40 final year students of batch 2019-2023 have attended off campus recruitment drive by Sakthi Auto Components Ltd, Pallagoundanpalayam and 16 students got placement in it.

Third year students Hariharan V, Manibharath A and Sudarsanesan S D won the first prize in the PROJECT EXPO for their project titled "Arduino Enabled Seed Sowing Machine" at VCET, Erode on 12.04.2023.

Final year students Navinkumar S, Praveen D, Sangeethraja K N and Vinoth M won the second prize in the PROJECT EXPO for their project titled "Design of Algorithm to Select Optimized Parameters of Cutting Tools" at VCET, Erode on 12.04.2023.

Second year students Dinesh L and Gowriprasath K attended Mr. Mechanic event at Sri Shanmugha College of Engineering and Technology, Sankari, Salem on 28.04.2023.

5 students attended Technical Quiz conducted by various institutions.

47 students have cleared the NPTEL Exam during April-May 2023. Sapnaa N of third year has cleared "Computer Integrated Manufacturing" with Elite+Gold Grade.

DEPARTMENT OF MEDICAL ELECTRONICS

Department of Medical Electronics conducted the valedictory function of students' association Medielectix, BMESI, Med Tech Club, SBE on 27.04.2023. The Principal felicitated the students and highlighted the opportunities for medical electronics engineers in AMTZ-Andhra Pradesh MedTech Zone Limited, Visakhapatnam. Around 43 students were recognized with the certificates for their active involvement and participation in all the activities of association for the academic year 2022-23.

Project Expo 2023 was held on 12.04.2023 at Sensors and Measurements lab, exhibiting 24 projects under the theme Engineering and Innovations in Healthcare.

Around 10 students have attended and successfully completed the NPTEL Course 'Introduction to Cognitive Psychology' during Jan-April 2023.

Four students from third year have presented papers at Kongu Engineering College on 19.04.2023.

Five students from third year have presented papers at Sri Shanmuga College of Engineering and Technology on 28.04.2023.

Twenty students of second year underwent internship programme at City Hospital, Erode, Maruthi Medical Centre and Hospital, Erode and Kavery Hospital, Salem.



DEPARTMENT OF MANAGEMENT STUDIES



Placement training was conducted for I MBA students on 06.04.2023. Dr.M.Malaravan, Placement Officer, VCET was the trainer.

Stall Expo 2023 was organized by first and second year MBA students on 11.04.2023 and 12.04.2023. Thiru S.D.Chandrasekar Secretary & Correspondent, Vellalar Educational Trust, Erode inaugurated the Stall Expo 2023.

Project Expo 2023 was organized on 12.04.2023. Thiru S.D.Chandrasekar Secretary & Correspondent, Vellalar Educational Trust, Erode inaugurated the Project Expo 2023.

VELMA Association valedictory function was organized on 20.04.2023. Thiru S.D.Chandrasekar Secretary & Correspondent, Vellalar Educational Trust, Erode presided over the function

Alumni interaction on the topic "Work Life Experience for MBA's" was organized on 26.04.2023. Mr.S.Vishnu, Process Executive, Infosys, Bangalore interacted with the students.

A workshop on the topic "Design Thinking for Futurepreneurs" was organized on 04.05.2023. Dr.M. Jayaraman, Principal, presided over the function.

A seminar on the topic "Business Analytics" was organized on 05.05.2023. Dr. Dinesh Elango (MBA Batch: 2009 – 2011), Vice President of Academic and Research, London Business University and LBU International, Singapore was the resource person.

Placement training was conducted for I MBA students on 05.05.2023. Dr.M.Malaravan, Placement Officer, VCET was the trainer.

A seminar on the topic "Growth Mindset for HR Leaders" was organized on 19.05.2023. Mr.R.N.Elangovan, Ex-Group Manager (L&D), (Titan, Tanishq, Titan Eyeplus) was the resource person.

Workshop on the topic "Campus to Corporate" was organized from 31.05.2023 to 01.06.2023. Mr.P.Anjesh Kumar, Corporate Trainer, Tital Academy of Placement Excellence, Coimbatore was the resource person.

A one day outbound training to Sky High Academy, Coimbatore was organized on 02.06.2023. 59 students of I MBA attended the outbound training and got practical exposure related to management concepts.

Alumini interaction on the topic, "Industry Expectations from MBA Graduates" was organized on 21.06.2023. Mr.Bhuvanesh Kamaraj (MBA Batch: 2012 – 2014), CEO, Kagan Enterprises (P) Limited, Erode interacted with the students.

A seminar on the topic "Life Ahead" was organized on 28.06.2023. Shri.Vidhya Jayaprakash, MBA, M.Sc (Counselling & Psychotherapy), Psychologist & Former Chair of CII – Iwin, Free Lanser Trainer, Erode was the resource person.

Two students got placement in M/s ESAF Bank, Kerala.

One student got placement in M/s Hay Cloth Retail Stores Pvt. Ltd, Erode.

121 students participated in the Project Expo 2023 on Engineering Innovations held on 12.04.23 at VCET.

Rubikaa M, Pavithraa G, Vishok C & Pranav Kiruthik T of I MBA participated in the Y20 summit organized by CII-Young Indians Erode in collaboration with the union Ministry of Youth Affairs and Sports held at Kongu Engineering College, Erode on 19.04.2023.

Niranjana T, Nikitha N, Jamuna P & Dheekshna C of I MBA presented a paper in ACUMEN'2K23, a national level technical symposium organized by Kongu Engineering College, Erode on 26.04.2023.

8 students participated in the international symposium on 'Emerging Trends in Shaping the Future of Work' organized by College of Economics and Business Administration, University of Technology and Applied Sciences, Sultanate, Oman held from 17.05.23 to 18.05.23.

10 students participated in the Nandha Marathon 2023 organized by Nandha Blood Donors, Nandha Educational Institutions, Erode on 14.06.2023.

Dhanuja Shri L, Akshayaa M & Thumila Sri J J & Keerthi S of I MBA participated in the five day international professional development programme on 'Uses of Tools and Techniques for Research Writing' organized by the Department of Accounting and Finance and Commerce, Patrician College of Arts and Science from 20.06.2023 to 24.06.2023.

8 students participated in the national seminar on the topic 'Digital India: Progress Towards Inclusive Fulfilment for Sustainable Development in the Digital Economy' organized by ST. Joseph's College, Tiruchirappalli from 27.06.2023 to 28.06.2023.

Dhanuja Shri L of I MBA published a paper on the topic "Cloud Technology in Entrepreneurship – An Access to Future" in Humanities and Social Science Studies Journal, ISSN 2319-829X with IF=7.28, Vol.12, Issue 01, No. 04, January – June 2023, UGC Care Approved, Group 1, Ref.No. 199 "Social Sciences".

Haritharani S & Pavithra P of I MBA published a paper on the topic, "A Conceptual Study on Psychological Resilience of Entrepreneurs" in Humanities and social Science Studies Journal, ISSN 2319-829X with IF=7.28, Vol.12, Issue 01, No. 04, January – June 2023, UGC Care Approved, Group 1, Ref.No. 199 "Social Sciences".

DEPARTMENT OF SCIENCE AND HUMANITIES



Science Club of Velalar College of Engineering and Technology organized an invited talk on "Accreditation and Outcome Based Learning" on 14th June 2023. Dr.M.Eswaramurthi, Head of the department welcomed the gathering, Dr.M.Jayaraman, Principal, delivered the presidential address, Chief Guest Dr.G.Tholkapia Arasu, Chief Executive Officer, Aasaan Accreditation Pvt.Ltd., Chennai, delivered the talk and motivated the students to set a goal and reach towards success. He also distributed prizes to the winners of various events conducted by the clubs of S&H. Dr.Deepa Jananakumar, Professor & Co-ordinator, Department of Physics proposed the vote of thanks. Prof. P. Jayachander, Dean, Co-ordinators, Heads and faculty members of various departments and students of first year joined the occasion.

DEPARTMENT OF ENGLISH

The Department of English, VCET has organized a refresher course on the title "Enhancing English Proficiency through Mass Media Utilization" for three days (07.06.2023, 08.06.2023 & 10.06.2023). Dr. S. Hemalatha, Ms. B. S. Gomathi, Ms. V. Suguna, Ms. S. Tamilselvi, Ms. T. Sasikala, Ms. S. K. Aashika and Ms. M. Bharathi acted as resource persons. Eighty five students from first year have participated and benefited from this program. This program motivated the students to speak in English and has enhanced their communication skills.



DEPARTMENT OF MATHEMATICS

Mathematics Colloquium of the Department of Mathematics organized a Quiz competition for first year B.E/B.Tech students on 28.04.2023. 140 students actively participated in the event.

CLUB ACTIVITIES

English Literary Association and Toastmasters' Club

The English Literary Association and Toastmasters' Club of VCET conducted the valedictory function on 14.06.2023. Dr. G. Tholkapia Arasu, Chief Executive Officer, Aasaan Accreditation Pvt. Ltd., Chennai presided over the function and delivered a speech on the topic "Importance of English Language in Our Society". The certificates were distributed to the prize winners.

Youth Red Cross

Youth Red Cross of Velalar College of Engineering and Technology conducted Period Product Drive Programme at our college on 05.06.2023 for I year B.E./B.Tech girls students. Jc. Dr. S. Sharmila, Zone director- Lady Jaycees, Zone XVII, JCI India delivered a special lecture on menstrual cycle and its related problems. 134 girls students participated in this programme and free sanitary napkins were distributed to I, II, III and final year girls students and lady staff members of our college.

Erode Forest Department (Chennai region) organized a cleanliness programme at Vellode Bird Sanctuary, Erode. In this programme 11 Youth Red Cross volunteers of our college participated. The programme was organised in connection with World Environmental Day on 05.06.2023.

Youth Red Cross of Velalar College of Engineering and Technology conducted a guest lecture on 'Design Thinking for Innovations' for I year B.E./B.Tech students on 19.06.2023. Dr. V. Murali Bhaskaran, Dean, Academics, Professor/CSE, Rajalakshmi Engineering College, Chennai delivered a guest lecture for our students. In this programme Dr. M. Jayaraman, Principal, VCET, Prof.P.Jayachandar, Dean, Dr.M.Eswaramurthi, HoD, S&H and 308 students participated.

Green Club

Green Club of VCET conducted an awareness rally along with Erode Forest Department in connection with World Environmental Day. Dr. M. Eswaramurthi, HoD/S&H, R.Balasubramanian AP/Chemistry, Green Club Coordinator, Mr.Suresh and his team from the Forest Department and 130 Green Club volunteers participated in this Rally on 03.06.2023 from Sengotanpallam to our College.

Green Club of VCET celebrated the World Environmental Day on 5.6.2023 at L-Block Seminar Hall. Dr.M.Eswaramurthi, HoD/S&H, Prof.P.Jayachandar, Dean, R.Balasubramanian AP/ Chemistry, Green Club Coordinator and around 150 Green Club volunteers participated in this program. Dr.M.Jayaraman Principal delivered a special address to the students and started donating plant saplings to the students and participants.



JCI Club

JCI Club of VCET celebrated the World Environmental Day on 5-6-2023 at our college campus. Dr.M. Eswaramurthi, HoD/S&H, R.Balasubramanian AP/Chemistry, JCI Club Coordinator and around 130 JCI members participated in this program. Jc. Deepak, Zone Director and Jc. HCF Logesh Manoharan, Provisional Zonal Trainer delivered a special address to the students and started donating plant saplings to the students and participants.

JCI Club of VCET organized Women Awareness Programme on 5-6-2023 at our college campus. Dr. M. Eswaramurthi, HoD/S&H, Jc. M.Rajendra Prasad, R.Balasubramanian AP/Chemistry, JCI Club Coordinator and around 100 girl students of first year participated in this program. Dr.Tamilselvi Sethupathy, M.D., D.G.O Obstretician and Gynaecologist, CK Hospital, Erode delivered a special address to the students.

Entrepreneurship Development Cell

The cell organized a seminar titled "How to Pitch Innovations towards Technology Evolution" on 06.04.2023. Mr. Pradeep, Manager, Business Analytics, Stellantis Digital Hub, Chennai, was the resource person.

An inter/intra Institutional Business Plan competition and Reward Best Innovations – Manage through YUKTI - NIR was organised on 12.04.2023. The chief guest of the function was Mr.N.Mithun Chakaravarthi, Associate Director, Systems Admin, KYNDRYL Solutions Pvt Ltd. Manyata Tech Park, Bengaluru.

A special talk titled "Successful Entrepreneurs in Electrical Engineering" was organised on 24.04.2023. Mr. S. Boopai, Managing Director, BG TECH, Erode, was the resource person.

The cell organized a workshop titled "Design Thinking for Futurepreneurs" on 04.05.2023. Dr.M.Jayaraman, Principal presided over the function.

A workshop titled "How to Plan for Start up and Legal & Ethical Steps" was organised on 12.05.2023. Mr. Gowtham Krishnamoorthy, Founder & CEO, Nutz Technovation Pvt Ltd. Erode, was the resource person.

The cell organized a workshop titled "Intellectual Property Rights and IP Management for Start Up" on 20.05.2023. Ms.Kalaivani N, Project Engineer, WIPRO Technologies, was the resource person.

A paper presentation session on Forum on Science and Technology was conducted on 11.05.2023.

Rotaract Club

The Rotaract Club of Velalar College of Engineering and Technology celebrated its 20th Charter Day 'Tremendous' on 20.04.2023, from 10:00 am to 4:30 pm. The team began a new path towards achievement and development through service by taking Dr. N. Thangaraj as faculty adviser, and the parent club, the Rotary Club of Erode, Thindal, by the hands.

The year project 2022–2023 magazine was launched on 20.04.2023. 'Rotary Serving Humanity' or 'Rotaract Serving Humanity' is this year's Rotary theme. Putting an emphasis on the variety inside our organizations and our special strength to assist others and come up with solutions. Rotaractors from all around have completed many admirable social initiatives, and there are still many more in the works.

A GCHRG team member handled the seminar on 'Tholliyalum Pazhatamilar Vazhviyal' on 21.04.2023, from 9.00 am to 4.30 pm. Students were taught about Tamil Nadu's history by archaeology enthusiasts, who also focused on the emperors who ruled various regions of our state and the power they wielded throughout India. They delivered information about extinct arts, street performances, silambam, etc. They insisted that youngsters practice the art and bring it home in order to preserve it. They discussed the Tamil Nadu sculpture too.

The 'Pic Your Imagination' event took place on 14.05.2023 from 5.30 pm to 7.00 pm. Rtr. Eragul led the class and provided information on how to create a poster, design a poster using Canva software, creating one-page document, and explain the responsibilities of office bearers of the club.

On 16.05.2023, from 5.30 pm to 7.00 pm, an event 'Chief and Juvenile' was held via Google Meet. Interaction between Rotaract Club seniors and juniors took place during this session. The event's goal was to foster positive relationships between juniors and seniors.

An event called 'Discussion about Rotaract Club' was held on 18.05.2023 from 5.30 pm to 7.00 pm, using Google Meet. Rtr. IPP Raviselva P was the event's guest. He spoke to the first-year students about the Rotract club, and Rtr. Naveen Bharathi.P, the club President, discussed the responsibilities of office bearers and discussed the characteristics that an office bearer should have. He additionally addressed the challenges that an office holder can face. First year students found the session to be educational. They learned more about the club and how accountable they needed to be to carry out their responsibilities.

A general body check up camp was held on 04.06.2023 by the Rotaract Club of Velalar College of Engineering and Technology in collaboration with PSG Hospital, Coimbatore and Velalar Kalvi Arakattalai Sevai Maruthuvamanai, Erode. More than 200 members of the general public have attended and benefitted through this programme. This camp was held in the hospital run by the Vellalar Educational Trust.

In the name of RADAR- Rotaract Annual District Awards and Recognitions, the Rotaract Club of Velalar College of Engineering and Technology took part in the second annual district awards ceremony for the Rotary year 2022–2023 on 17.06.2023 and 18.06.2023, at NGM Arts and Science College, Pollachi. RCV CET received 27 awards during the occasion.



Faculty Achievements

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

DEPARTMENT OF BIOMEDICAL ENGINEERING

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

Dr.S.Mangai, Dr.J.Rajalakshmi and Ms. S.Maheswari attended the international conference on 'Science, Technology, Engineering and Management' at Kalaingar Karunanidhi Institute of Technology, in the month of April, 2023.

Dr. P.Ravikumar, Ms.C.Radhika, Ms.P.Georgia Charis Selwyna and Ms. S.Yamunadevi attended the national conference on 'Recent Technologies and Computing Sciences' at Velammal Engineering College, in the month of April, 2023.

Dr.S.Sudha attended the international conference on 'Applied Artificial Intelligence and Computing', at Narasu's Sarathy Institute of Technology, in the month of May, 2023.

Mr.N.N.Balakumar has successfully completed the NPTEL online certification course 'Deep Learning'.

Mr.V.Loganathan has successfully completed the NPTEL online certification course 'Deep Learning' with Elite certification.

Ms.S.Maheswari and Mr.S.Govindaraj have successfully completed the NPTEL online certification course 'Computer Vision and Image Processing'.

Dr.P.Ravikumar and Ms.C.Radhika acted as a NPTEL mentor for the course 'Principles of Management' during Jan-Apr 2023.

DEPARTMENT OF CIVIL ENGINEERING

Ms.A.Anitha has successfully completed 12 week. SWYAM NPTEL online course titled 'Forest and their management' during Jan-Apr 2023 with Elite+Silver tag.

Dr.C.Karthik and Mr.S.Suresh presented a paper titled 'Mechanical Properties on Concrete by Replacing Fine Aggregate with Glass Water Particle - Experimental Study' in the international conference on 'Sustainable Design, Materials and Manufacturing in Engineering' organised by Dr.N.G.P Institute of Technology, Coimbatore and was selected as outstanding paper of the conference.

Ms.A.Anitha and Mr.S.C.Sarath Kumar presented a paper titled 'Effect of Quarry Dust on the Fresh Concrete Properties' in the international conference on 'Sustainable Design, Materials and Manufacturing in Engineering' organised by Dr.N.G.P Institute of Technology, Coimbatore.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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

Dr.S. Jabeen Begum has been recognized as mentor for the NPTEL online certification course 'Principles of Management'.

Dr.V.Latha Jothi secured Elite + Silver certification for the course 'Programming, Data Structures and Algorithms Using Python'.

Dr.S.Russia has been recognized as mentor for the NPTEL online certification course 'Introduction to Internet of Things'.

Ms.M.Thilagarani secured Elite + Silver NPTEL certification for the course 'Outcome Based Pedagogic Principles for Effective Teaching'.

Ms.S.Nithya got Elite NPTEL certification for the course 'Outcome Based Pedagogic Principles for Effective Teaching'.

Dr.V.Latha Jothi has authored the book 'Data Structures' for Anna University, R2021 syllabus published by Lakshmi Publications, Chennai.

Dr.V.Latha Jothi presented a paper titled 'Breast Cancer Detection using Deep Learning' in the international conference on 'Advanced Computer Technology' (ICTACT 23) at Velammal College of Engineering and Technology on 20.04.2023.

Dr.S.Sadesh presented a paper titled 'Cyber Security Control Systems for Operational Technology' in the international conference on Electronics and Renewable Systems, ICEARS 2023.

Dr.V.Latha Jothi and Dr.S.Russia acted as session chairs in the international conference on 'Advanced Research in Information and Communication Technologies' (ICARICT 2023) organized by JP College of Engineering from 19.04.2023 to 20.04.2023.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

Dr.S.Mahendrakumar, Ms.Pavithra S, Mr.Karthikeyan N and Ms.T. Sathya presented a paper in the 'Innovative Smart Technologies in Engineering And Management Sciences' conducted by Excel Engineering College, Komarapalayam on 06.04.2023.

Ms.Pavithra S, Ms.M.Padmapriya, Mr. G.Boopathi Raja and Mr.Dineshkumar. B presented a paper in the national conference on 'Emerging Trends in Engineering & Technology' conducted by Nandha College of Technology, Erode on 19.04.2023.

Ms.Yamuna S and Mr.Ashwanth S presented a paper in the international conference on 'Advanced Computing Technology' conducted by Velammal College of Engineering and Technology on 20.04.2023 and 21.04.2023.

Dr.Venkatachalam K and Ms.Sakthi Priya V presented a paper in the international conference on 'Recent Developments in Engineering, Science & Technology' conducted by Dhaanish Ahmed Institute of Technology on 29.04.2023.

Dr.V. Gowrishankar, Mr. S. Pooranachandran, Mr.S. Nachi Muthu, Mr.K.K. Pradeep and Mr.B.Dineshkumar have successfully completed the NPTEL online certification course 'Computer Networks and Internet Protocol' during April 2023.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

DEPARTMENT OF INFORMATION TECHNOLOGY

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

Dr. V. K. Manavalasundaram, Dr. R. Mynavathi, Dr. K. Ganeshkumar, Dr. S.Viveka, Dr. S. Rajalakshmi, Dr. R. Menaka, Ms. T. Nithya, Mr.C.Saravanan, Ms. V. Leela, Mr. A. Logeswaran, Ms. P. Prema, Ms. T. Kokilavani, Ms. T. Saranya, Mr. K. Gopalakrishnan, Mr.B.Manivannan, Ms. E. Sudha, Ms. M. Ramya, Mr. P. Prakash and Ms. M. Gowthami presented papers in the 4th international conference on 'Innovation in Electrical and Information and Communication Engineering' (ICIEICE-2023), conducted by Kongunadu College Engineering and Technology from 21.04.2023 to 22.04.2023

Ms. Nevedha T has successfully completed the NPTEL online certification course 'Introduction to Machine Learning'.

Ms. Nithya T has awarded Elite Tag for the NPTEL online certification course 'Outcome Based Pedagogic Principles for Effective Teaching'.

DEPARTMENT OF MECHANICAL ENGINEERING

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

D. Kesavan, V. Mohankumar, A. Manojkumar and G. Raja have completed the NPTEL course 'Computer Integrated Manufacturing' with Elite+Silver Grade during April-May 2023.

DEPARTMENT OF MEDICAL ELECTRONICS

Dr.M. Pravin Kumar presented and published a paper, 'A Novel Investigation for a Prediction of Intellect Tumor and Categorization by CNN based on Resu-Net Architecture' at IEEE International Conference on 'Communication and Electronics Systems' organized by PPG Institute of Technology, Coimbatore on 02.06.2023.

Ms.K.Vanitha has presented and published a paper 'Smart Shopping Trolley based on IoT with Mobile Application' at IEEE International Conference on 'Sustainable Computing and Data Communication Systems'.

Ms.K.Vanitha has successfully completed the NPTEL course 'Privacy and Security in Social Media' during Jan - April 2023.

DEPARTMENT OF MANAGEMENT STUDIES

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

Dr.T.Vetrivel has presented a paper in the ICSSR Sponsored National Seminar on the topic 'Growth of Education Sector through e-Governance – A Path of Sustainable Development of the Digital Economy' organized by St. Joseph's College of Arts and Science, Tiruchy from 27.06.2023 to 28.06.2023.

Dr.D.Muthukrishnaveni has presented a paper in the ICSSR Sponsored National Seminar on the topic 'E – Banking Services in Digital India' organized by St. Joseph College of Arts and Science, Tiruchy from 27.06.2023 to 28.06.2023.

Dr.T.Mohanapriya has presented a paper in the ICSSR Sponsored National Seminar on the topic 'Digital Transformation' organized by St. Joseph College of Arts and Science, Tiruchy from 27.06.2023 to 28.06.2023.

Dr.K.T.Kalaiselvi has presented a paper in the ICSSR Sponsored National Seminar on the topic 'Digital India Empowering to Rural Economy' organized by St. Joseph College of Arts and Science, Tiruchy from 27.06.2023 to 28.06.2023.

Dr.A.Kannammal has presented a paper in the ICSSR Sponsored National Seminar on the topic 'Effectiveness of Digital Payment System in Rural Areas' organized by St. Joseph college of Arts and Science, Tiruchy from 27.06.2023 to 28.06.2023.

Dr.T.Vetrivel and Ms.L.Rasiga Priya have attended a two day international research conference on 'Emerging Technologies in Business Management' organized by MET Institute of Management in Collaboration with University of Mumbai on 28.04.2023 & 29.04.2023.

Dr.S.Kumar has successfully completed Module 1: Outbound - Leadership & Skill Development Program held at Nilgiri Biosphere Nature Park, Coimbatore on 20.06.2023.

Dr.A.Kannammal has completed the NPTEL online course 'Leadership and Team Effectiveness' during May 2023.

DEPARTMENT OF SCIENCE AND HUMANITIES

DEPARTMENT OF MATHEMATICS

One programme was attended by faculty members in the Department of Mathematics.

DEPARTMENT OF CHEMISTRY

One programme was attended by faculty members in the Department of Chemistry.

Dr. S. Kalai Selvi has successfully completed the NPTEL course 'Coordination Chemistry' (Chemistry of Transition Elements)

Research Activities

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

DEPARTMENT OF BIOMEDICAL ENGINEERING

Dr.S. Mangai and Dr.S.Sudha published a book chapter by Wiley publication on 'Resting-State fMRI: Large Data Analysis in Neuroimaging', ISBN No.9781119857204, DOI No. <https://doi.org/10.1002/9781119857655.ch6>, Page No. 127-156, 2023

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr.S.Jabeen Begum published a paper titled 'A Platform for Sharing and Collaboration on Sensitive Content with Advanced Permissions and Access Control for Users' in the International Journal of New Innovations in Engineering and Technology, Volume 22 Issue 1 April 2023, ISSN: 2319-6319, pp. 105–112.

Dr.V.Latha Jothi published a paper titled 'Sales Prediction using Machine Learning Algorithm' in the International Journal of New Innovations in Engineering and Technology, Volume 22 Issue 1 April 2023, ISSN: 2319-6319, pp. 209–216.

Dr.V.Latha Jothi published a paper titled 'Breast Cancer Detection Using Deep Learning' in the International Journal of All Research Education & Scientific Methods, Volume 11 Issue 4, April-2023, ISSN: 2455-6211, pp. 1899–1904.

Dr.S.Sadesh published a paper titled 'Assisting Helping Hands with Enhanced Location Sharing' in the International Journal of New Innovations in Engineering and Technology, Volume 22 Issue 1, April-2023, ISSN: 2319-6319, pp. 120-124.

Dr.S.Sadesh published a paper titled 'Significant Permission Identification For Android Suspicious APP' in the International Journal of New Innovations in Engineering and Technology, Volume 22 Issue 1, April-2023, ISSN: 2319-6319, pp. 138-142.

Dr.S.Gokulraj published a paper titled 'Smart Transportation Prediction System' in the International Journal of New Innovations in Engineering and Technology, Volume 22 Issue 1, April-2023, ISSN: 2319-6319, pp. 223–233.

Dr.S.Gokulraj published a paper titled 'User Activity Analysis Driven Anomaly Detection in Cellular Network' in the International Journal of New Innovations in Engineering and Technology, Volume 22 Issue 1, April-2023, ISSN: 2319-6319, pp. 204-208.

Dr.S.S.Russia published a paper titled '5G Medical Data Transmission for Monitoring Remote Healthcare Using Wireless Sensor Network' in the International Journal of All Research Education & Scientific Methods, Volume 11 Issue 4, April-2023, ISSN: 2455-6211, 1909–1913.

Ms.M.Thilagarani published a paper titled 'Data Flow Bug Detection and Analysis in Business Process' in the International Journal of New Innovations in Engineering and Technology, Volume 22 Issue 1, April-2023, ISSN: 2319-6319, pp. 47–51.

Ms.M.Thilagarani published a paper titled 'Handwritten Recognition using Alexnet Algorithm' in the International Journal of New Innovations in Engineering and Technology, Volume 22 Issue 1, April-2023, ISSN: 2319-6319, pp.194–197.

Ms.S.Nithya published a paper titled 'Cyber Security for Water Distribution System from Malicious Cyber Attacks' in the International Journal of New Innovations in Engineering and Technology, Volume 22 Issue 1, April-2023, ISSN: 2319-6319, pp. 47–51.

Ms.S.Nithya published a paper titled 'An Efficient Approach for Load Balancing and Scheduling in Cloud Computing' in the International Journal of New Innovations in Engineering and Technology, Volume 22 Issue 1, April-2023, ISSN: 2319-6319, pp. 47–51.

Dr V Kavitha and R Vidhya, published a patent on 'Green Healthcare Services Using Integrated IOT-Edge-Fog-Cloud Computing Environments' on 04.04.2023.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Dr.K.R.Valluvan, Dr.K.Venkatachalam, Dr.S.Mahendrakumar, Dr. K.Senthil Prakash, Dr.V.Gowrishankar, Dr. M. Parimala Devi, Mr.P.Jayachandar, Mr.P.Senthilkumar, Mr.K.S.Murugesan, Mr.R.Gopalan, Mr.S.Pooranachandaran, Mr.N.Karthikeyan, Mr.G.Boopathi Raja, Ms.T.Sathya, Mr.S.Ashwanth, Ms.S.Yamuna, Mr.S.Nachimuthu, Ms.P.Nandhini, Mr.K.K.Pradeep, Ms.V.Sakthi Priya, Ms.S.Aiswarya, Ms.M.Ruba, Ms.R.Hemalatha and Mr.B.Dineshkumar published a paper under different titles in the International Journal of New Innovations in Engineering and Technology (IJNIET), on April 2023, Volume 22, Issue 1.

Dr.S.Rajan published a paper titled 'Information Preserving and Edge Smoothing of Fetal Heart Chamber using SRDCF with Total Variation', in the Journal of Population Therapeutics & Clinical Pharmacology, Volume 30, Issue 24, pp 136-144 on May 2023.

Dr.K.Venkatachalam filed a patent on 'A Wearable EEG aid to Detect Seizure and Prevent SUDEP for Children with EPILEPSY' on 01-05-2023.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr.P.Sakthivel published a paper titled 'Non-Invasive Method for the Prediction of Micronutrient Deficiency using Sequential Learning Techniques' in Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization (Taylor and Francis Group), <https://doi.org/10.1080/21681163.2023.2228914>, published online: 27 June 2023. (Scopus Indexed).

Dr.C.Gokul published a paper titled 'IoT Enabled Smart Solar Water Heater System Using Real Time Thing Speak IoT Platform' in IET Renewable Power Generation, June 2023. (Anna University Annexure list Journal, Indexed in SCI, SCOPUS, Web of Science, Impact Factor: 3.034, Quartile:Q1List).

Dr.K.Vanchinathan and Dr.C.Gokul published a paper titled 'Mathematical Formulation of Multicarrier PWM Techniques and Design an Eleven-Level Modular Multilevel Inverter to Improve Power Quality" in International Journal of System Assurance Engineering and Management, June 2023, Springer Journal.

Dr.K.Vanchinathan and Dr.C.Gokul, published a paper titled 'A Review of Integer Order PID and Fractional Order PID Controllers Using Optimization Techniques for Speed Control of Brushless DC Motor Drive' in International Journal of System Assurance Engineering and Management, June 2023, Springer Journal.

DEPARTMENT OF MECHANICAL ENGINEERING

Gobinath VK, Uma G, Rajasekar R, Mohankumar S, Suganeswaran K, Raja G & Sathish Kumar P published a paper titled 'Effect of Zinc Oxide – Aluminium Oxide Mechanical Blends for Boosting the Polycrystalline Silicon Solar Cell Performance through Antireflection Properties', Silicon, May 2023 (Online).

DEPARTMENT OF MEDICAL ELECTRONICS

Dr.M. Pravin Kumar published a paper, 'Performance Investigation of Generalized Rain Pattern Absorption Attention Network for Single-Image Deraining', in Journal of Circuits, Systems and Computers, Vol. 32, No. 13, pp. 2350231-1 to 2350231-21.

Ms.K.Vanitha, published a patent 'Development of Cloud Based Bank Locker Security System and Mobile communication to Control Room' on 24/04/2023.

DEPARTMENT OF MANAGEMENT STUDIES

Dr.T.Vetrivel published a paper on the topic, 'A Study on Customer Awareness Towards Digital Banking Services offered by India Post Payments Bank in Tirunelveli District' in Industrial Engineering Journal, Vol. 52, Issue No: 5, pp. 133-138, May'2023 (UGC Listed Journal).

Dr.D.Muthukrishnaveni published a paper on the topic, 'A Study on Perception of Young Consumers towards Celebrity Endorsed Advertisement' in European Chemical Bulletin, ISSN 2063 – 5346, Issue: 5, April 2023, pp. 634 – 643 (Scopus Indexed).

Dr.K.T.Kalaiselvi published a paper on the topic, 'Cloud Technology in Entrepreneurship-An Access to Future' in Humanities and Social Science Studies, ISSN:2319-829X, Vol. 12, Issue. 01, No.04, January-June: 2023, pp. 223 – 228 (UGC Listed Journal).

Dr.A.Kannammal published a paper on the topic 'Psychological Resilience of Entrepreneurs' in Humanities and Social Science Studies, ISSN:2319-829X, Vol. 12, Issue. 01, No.04, January-June: 2023, pp.27-32 (UGC Listed Journal).

Dr.N.Balachandran has published patent on 'Analysis of Customer's Review for Purchased Products Impacts the Growth of e-commerce Business' on 5th May 2023 with Application No. 202341025403 A.

Dr.K.T.Kalaiselvi has received a grant of Rs.20,000 from TNSCST, Chennai for the proposal titled, "Creating Awareness on Medicinal Plant Cultivation and Enhancing Agricultural Entrepreneurship".

DEPARTMENT OF SCIENCE AND HUMANITIES

DEPARTMENT OF PHYSICS

Kirthika. P and Dr.Thangaraj N published a paper titled 'Influence of Bath Temperature and Deposition Time on Hardness and Magnetisation of Electrodeposited Nickel Manganese Tungsten Thin Films' in the Journal of Ovonic Research, Vol 19, No.2, pp 231-238, March-April 2023. (SCIE)

Dr.Thangaraj N published a paper titled 'Synthesis and Characterization of Ferrous Manganese Tungsten Thin Films for Magnetic MEMS Devices' in the Journal of Ovonic Research, Vol 19, No.3, pp 253-258, May-June 2023. (SCIE)

Dr.Devi S and Dr.Deepa Jananakumar published a paper on 'Growth and Characterization of Oxalic Acid Doped Guanidine Carbonate (OGC) Single Crystal' in Materials Today Proceedings, ISSN No 2214-7853(online)03 .05.2023. (Scopus)

DEPARTMENT OF CHEMISTRY

Dr.S.Kalai Selvi published a paper title 'Treatment of Textile Dyeing Wastewater using a Low-Cost Adsorbent' in Materials Today: Proceedings (Elsevier).

Awards / Recognitions

DEPARTMENT OF BIOMEDICAL ENGINEERING

Dr.A.Manikandan, Part time external research scholar completed his viva-voce examination on the thesis titled 'Certain Investigations on Cardiac Masses Prediction in Echocardiogram Images using Soft Computing Techniques' on 27.06.2023 under the guidance of Dr.M.Ponni Bala, Professor, Department of BME, VCET.

DEPARTMENT OF CIVIL ENGINEERING

Ms.A.Anitha and Mr.S.C.Sarath Kumar have received the top performing mentor certificate from SWAYAM-NPTEL for the course 'Forest and Their management' during Jan - April 2023.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr.S.Sadesh received active SPOC Certificate of Appreciation by NPTEL Local Chapter based on participation and performance of candidates in Jan-Apr 2023 exams across India.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Mr. A. Manikandan, external research scholar of Dr. P. Sakthivel, was awarded PhD by Anna University, Chennai. The title of his thesis is Certain Investigations on Cardiac masses Prediction in Echocardiogram Images using Soft Computing Techniques.

DEPARTMENT OF MANAGEMENT STUDIES

Dr.T.Vetrivel and Dr.K.T.Kalaiselvi have been awarded as Top performing Mentor for NPTEL Online Certification Course on 'Retail Management' for the period January – April 2023.

GLIMPSES OF VARIOUS ACTIVITIES



Dr. S. Sharmila, delivering a special lecture on menstrual cycle



Free plant sapling to the students and participants in view of World Environmental Day



JCI Club of VCET celebrating the World Environmental Day



RVCVET receiving 27 awards in RADAR-Rotaract Annual District Awards and Recognitions



VCET receiving Appreciation plaque for Excellence participation in PALS 2022-23



VCET one among in Top 100 Swayam NPTEL Local Chapters based on participation and performance of candidates in Jan-Apr 2023 exams across India.

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