



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

Accredited by NAAC with 'A' Grade & Accredited by NBA
Thindal, Erode – 638 012

Newsletter

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MESSAGE FROM THE PRINCIPAL

Education enables a person to face new challenges, achieve progress and lead a successful life. At VCET, we are sure to make learning an enriching, gratifying, and relishing experience through a multidisciplinary approach, combining theory and practice in pedagogy. Our focus is not only 'what is taught' but also 'the way it is taught', we bestow the learning community with the best of all, it being academics, placement, co-curricular and extra-curricular activities. Research, being an important strength of academic growth, the drive has to be on socially relevant, locally need-based, nationally important, and globally noteworthy research initiatives. I am fortunate that a conducive environment is sustained to create a fertile ground for effective synergies between research and teaching skills, nurturing and fostering critical thinking and problem-solving for students. Hence, our persistent efforts must be to leverage the intellectual and emotional capabilities of students, encourage the free and spirited exchange of ideas to celebrate diversity, while ensuring inclusivity. My hearty wishes to the faculty team and students for a greater success in all their endeavours.



DEPARTMENT OF BIOMEDICAL ENGINEERING

Association Activities

Department of Biomedical Engineering organized Alumni Meet on 26.02.2022 through virtual mode. Association of BME - BIONIKX & BMESI student chapter in association with Harvey Biomedical, Bengaluru organized a seminar on 'Employment Opportunities in Medical Field'. Mr.M.Ayyappadas, Founder & Director, Harvey Biomedical was the resource person.

IEEE-VCET Student Branch and Engineering in Medicine & Biology Society (EMBS) organized an IEEE Inaugural function and a Guest Lecture titled 'Balancing College Life and Academics - A Journey' on 18.03.2022. Dr. K. Balamurugan, AP/EEE, IEEE Senior Member, IEEE Student Branch Counselor, Sri Ramakrishna Engineering College, Coimbatore was the Chief Guest and resource person.

Placement Activities

A total of 44 final year students got placed in various reputed companies with 54 offers. GOWTHAM PRASATH E & KAVIBALAN K got triple placement and MALAVIKA R, NITHESH KUMAR S, SUJITHRA M V, ARAVINTH K, AASHIYA SULTHANA M, PEACHI PRIYA G got dual placement.

Student Activities

B. Amruthavarshini (II BME) has won Ms.RYLA Award and P.Deepashri (II BME) has received Outstanding Performance Award in Zonal Rotary Youth Leadership Awards(RYLA) held at Bharathidasan College of Arts and Science from 19.03.2022 to 20.03.2022. Naveen Kumar G and Kishore R (II BME) have won the first prize in Technical Quiz organized by KPR Institute of Engineering and Technology, Coimbatore on 25.03.2022. Bala Subramanian G and Abinesh K (II BME) have won the third prize in Paper Presentation organized by KPR Institute of Engineering and Technology, Coimbatore on 25.03.2022.

DEPARTMENT OF CIVIL ENGINEERING

Association Activities

A Guest Lecture on the topic 'Approval Process – Local Planning Authority' was conducted on 19.03.2022. Er. R.Udayasankar, Managing Director, M/s BTR Construction, Erode was the Chief Guest and shared his experience about the process involved in the approval process. In addition, an MoU was signed between VCET and M/s BTR Construction to support student's internship and training activities.



Placement Activities

- Jeevanandham G and Suvetha S of final year got placed in Mielke, Hyderabad.
- Mayurii P of final year got placed in M/s AARBEE Structures Private Limited, Coimbatore.
- Suvetha S of final year got placed Infosys Limited.
- Devanathan A P, Mathesh R, Ragesh R, Shivashankar M, Gokulakrishnan C, Satheesh Kumar S and Mohanshyam T of final year have got placed in Ramalingam Construction Pvt. Ltd., Chennai.

Students Activities

Technical Visit :



A field visit was arranged for second and third year students on 05.03.2022 to VET Institute of Arts and Science, Erode.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Association Activities

- A Seminar on 'A Grasp on Web Blooming' was conducted by Mr. Abhinivesh Executive member of MAGNUMOPUS on 03.03.2022.
- A Technical Seminar on 'Awareness Program along with Speed Maths Techniques and Logical Reasoning' was conducted by Mr. Thiagarajan Thirunavukkarasu, Director, T.I.M.E, Erode on 10.03.2022.
- A Technical Talk on 'The Journey from an Idea to Real World Product' was delivered by Mr. Mukthar A Shiek, Chief Technology Officer, Carifer Technologies Private Limited, Australia & India on 16.03.2022.
- A Technical Seminar on 'Machine Learning' was conducted by Mr. Dr. R P Ram Kumar, Professor & Head, Department of Computer Science and Engineering, KGISL Institute of Technology, Coimbatore on 02.05.2022.

Placement Activities

- Danush R, Kavinkumar M, Kaviyarasu V, Jeevanantham G have got placed in 'M-PHISIS', Chennai, for the position of Trainee Associate Software Engineer with the annual package of 3.25.
- Mounika S, Danush R have got placed in 'CAPGEMINI', Bangalore, for the position of Associate Trainee with a package of 3.5 lakh per annum.
- Saathi R of final year has got placed in 'R-SYSTEMS', Chennai, for the position of Trainee Software Engineer, with a package of 3.6 lakh per annum.
- Deepankumar S of final year has got placed in 'KAAR TECHNOLOGIES', Bangalore, for the position of Trainee Software Engineer, with a package of 6.5 lakh per annum.
- Sella Kumar C of final year has got placed in 'ELAIT IT TECHNOLOGY SERVICES PVT LTD', Chennai, for the position of Trainee, with a package of 4.5 lakh per annum.
- Jeevanantham G of final year has got placed in 'SOPRATERIA', Chennai, for the position of Engineer Trainee, with a package of 6.0 lakh per annum.
- Haripriya A of final year has got placed in 'ITC INFOTECH INDIA LTD', Chennai, for the position of Associate IT Consultant, with a package of 4.25 lakh per annum.



DEPARTMENT OF ELECTRICAL AND COMMUNICATION ENGINEERING

Association Activities

- Hands on training on 'How to be excellence in programming skill' was conducted from 14.03.2022 to 17.03.2022 for third year ECE students.

Placement Activities

- Balaji S, Balakrishnan S, Prabhashri S, Raagul R have attended virtual drive and got placed in Mphasis on 01.03.2022.
- Sudharson.N, Deenadhayan.R and Prabhasri.S of final year have got placed in Capgemini with a salary package of 3.60 LPA.
- Thirty five of our final year students have attended virtual recruitment drive conducted by M/s FACE Academy, Coimbatore and among these, Deepak K, Deepan A, Ganish S G, Harshini K P, Naveen Kumar S, Ramya K S have got placed.
- Thirty five of our final year students have attended the campus recruitment drive conducted by M/s VPG Sensors, Chennai on 02.03.2022 and 18 of our students have got selected.
- Fifty of our final year students have attended virtual drive conducted by M/s Infosys, Chennai and Ganish S G, Leena S K, Pooja E M have got placed.
- Kiruthika L of final year got placed in campus recruitment drive conducted by M/s Sursoft, Puducherry.
- Balachandiran R, Balakrishnan S, Gokul Kannan D, Sivabalaji TK and Logesh P of final year have got placed in Wipro Technologies, Chennai.

- Karthi K and Naveen Prasath V of final year have got placed in - M/s Tech Mahindra, Chennai.
- Fifteen of our final year students have attended virtual recruitment drive conducted by Focus Edumatics on 30.03.2022 and Karthi K, Naveenprasath V, Ruthra Prasath N, Vijayakumar T got selected.

Students Activities, Students NPTEL (Seminar, Internship, paper presented, sports, price winners)

ED Cell Activities

Department of ECE along with VCET- EDC and IIC has organized a webinar on 'Achieving Problem-Solution Fit & Product-Market Fit' on 16.02.2022 in virtual mode. Mr. M.R. Senthil Kumar, Director - Technical and Operations from PanTech Group of Companies, Chennai was the resource person. More than 40 students have participated and got benefited.

VCET Hackathon 2022

VCET Hackathon 2022 was conducted on 10.03.2022 and 11.03.2022. Totally, 12 teams (6 members per team) from 2nd and 3rd year ECE have participated in VCET Hackathon 2022. Among them, 8 Teams have been shortlisted to participate in Smart India Hackathon 2022. Controller of Examinations Dr.K.R.Valluvan, Professor of ECE and Prof. P. Jayachander, Dean served as internal Jury members.

Inplant Training

Three of our second year students have undergone In Plant Training in Sakthi Sugars Limited and Supreme Power System, Erode.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Association Activities

- 'Emerflux Day' was conducted from 20.12.2021 to 30.12.2021. Students from Department of Electrical and Electronics Engineering have attended got benefitted.
- Soft Skills Training (Phase II) was conducted for third year students by Core Aptitude Training Institution from 28.02.22 to 12.3.2022.

Placement Activities

- Nineteen of our students got placed in various companies like Infosys, VPG Sensors, Focus Edumatics and Delphi TVS.

Student Activities

- M.RathinaJaya Deepa and U.S.Supriya, attended a paper presentation on 'Type Recycling' and got the first prize at KPR Engineering College, Coimbatore on 12.03.2022.
- M.Rathina Jaya Deepa and U.S.Supriya, attended a paper presentation on 'Graphene-A key to latest Technology' and secured the second prize at Kongu Engineering College, Perundurai on 31.03.2022.
- N.Sathish, S.Archana, V.S.Barath, M.Nanadhakumar, Shubhashree and S.Vijayashankar, have participated and presented a project on 'Solar Panel with Solar Tracking Device without Power Consumption', at Smart India Hackathon 2022 held on 15.03.2022.
- M.Kavin, M.Kathivelraj, T.S.Ramprasad, B.Subashgandhi, M.Keerthana and M.Dharanya, have participated and presented a project on 'Develop a Drone Based Ambulances System to avert the Challenges faced on Ground during Golden Hour Reaction Time', at Smart India Hackathon 2022 held on 15.03.2022.
- R.Keerthana, M.Boopathiraja and G.Kalairasu, have participated and presented a project on 'Student Innovation -Embedded System for Security Purpose', at Smart India Hackathon 2022 held on 15.03.2022.

NPTEL Courses

- Fifty four of our students have registered for NPTEL exam for various courses.

DEPARTMENT OF INFORMATION TECHNOLOGY

Association Activities:

- A webinar on 'IOT: Opportunities and Challenges' was conducted on 14.03.2022 for the benefit of third year students.





- A technical seminar on 'Awareness Program along with Speed Maths Techniques and Logical Reasoning' was conducted on 15.03.2022 for the benefit of third year students.

- A workshop on 'Full Stack Web Development' was conducted from 21.03.2022 to 25.03.2022 for the benefits of third year students.



- A Hands-on Training on 'Demonstration of Node JS' was conducted on 29.03.2022 for the benefit of third year students.



- A Hands-on Training on 'Implementation of Angular JS' was conducted on 30.03.2022 for the benefit of third year students.



Placement -Activities:

- Naveenya B P of final year has got placed in Mphasis.
- Brindha V of final year has got placed in Face Preparation.
- Dheekthana S, Gowthamraj P, Praveen R, and Santhosh D of final year have got placed in Focus Edumatics.
- Santhosh D, Janaranjan E, and Praveen R of final year have got placed in Wipro Technologies.

Students activities :

Workshops attended :

- Thirty-three students of third year have attended the workshop 'Full Stack Web Development' conducted by Velalar College of Engineering and Technology from 21.03.2022 to 25.03.2022.

Webinar :

- Mugila S of second year attended an online webinar series 'Artificial Intelligence' conducted by Master Class- Pantech e Learning Pvt., Ltd., from 06.12.2021 to 04.01.2022.
- Mugila S of second year attended an online webinar 'Competitive Coding' conducted by RCPL INDIA on 14.01.2022.
- Sathyajothi C and Tamilpriya T S attended a webinar 'Kural Kodupoma' conducted by Rotaract Club of Velalar College of Engineering and Technology on 13.03.2022.

Seminar :

- Vaishali T J of second year attended a seminar on 'Commitment to the Nation' conducted by Ministry of Defense Government of India on 25.01.2022
- Sathyajothi C, and Tamilpriya T S attended a seminar on 'Science and Technology Capacity Building for Industrial Needs' conducted by TNSCST - Nandha Engineering College, Erode from 16.03.2022 to 18.03.2022

Quiz :

- Vaishali T J of second year attended a Quiz competition on 'Cyber Awareness' conducted by Indian Cyber Crime Co Ordination Center on 25.01.2022
- Vaishali T J of second year attended a Quiz on 'Heroes of Indian Freedom Struggle' conducted by Ministry of Education on 25.01.2022
- Kaviya B of second year attended and won the second prize in Code Debugging Contest conducted by Computer Society of India – Student Branch on 07.03.2022

Paper Presented :

- Sixty-seven students of second and third year presented papers on various topics conducted by Computer Society of India – Student Branch on 07.03.2022
- Sathyajothi C, and Tamilpriya T S of third year presented a paper on 'Fully Emerged Virtual Reality' conducted by Kongu Engineering College, Perundurai on 19.03.2022

DEPARTMENT OF MECHANICAL ENGINEERING Association Activities :

a. Yoga Practice for Health & Hygiene

A yoga practice for second year Mechanical Engineering students to improve their health and self-hygiene was organized on 14.03.2022. Mr.YogiAnandaswamy, Ananda Marga Pracharaka Samgha, Coimbatore was the Chief Guest.



b. Awareness Programme

A webinar on 'Intellectual Property Rights (IPR) under National Intellectual Property Awareness Mission (NIPAM)' was conducted on 15.03.2022. Mr. Madhanraj,

Examiner of Patents & Designs, Indian Patent Office (IPO), Chennai delivered a lecture on various IPR.

c. Motivational Programme on Effective Leadership

A Motivational Programme on 'Effective leadership' was conducted on 21.03.2022. Mr.P.AnjeshKumar, Communication and Soft Skill Specialist, Brainwave, Coimbatore was the Chief Guest. He motivated the students for their career growth and trained the students on improving communication skills.



d. Workshop

A workshop on 'Vibrational Analysis using ANSYS' was conducted on 28.03.2022 for final year Mechanical Engineering students.

Mr. R. Hariharasudhavelan, CAD Engineer, CADD Centre, Erode was the resource person. He trained the students on vibrational analysis using ANSYS and also explained the role and its importance of analyst in industries.

Placement Activities :

- Thirty Eight students attended the recruitment drive conducted by Leewon Precision, Chennai and out of which, Thirty two got placed.
- Three students attended the campus drive and got placed in VPG Sensors.
- Forty-nine students attended the campus drive conducted by Delphi TVS and out of which, forty-eight got placed.
- Twenty students attended the campus drive conducted by URC Constructions and six of them got placed.
- Thirty-two students attended the campus drive conducted by Focus Edumatics and among these, five got placed.
- Fifteen students attended the recruitment drive conducted by Infosys and three students got placed.

Students Activities :

- K. Naresh, and S. Nivetha of third year presented a paper on 'Trends and Innovation in Food Technology' at Kongu Engineering College, Erode on 19.03.2022.
- D. Praveen and B. Dilip Kumar of third year attended a Webinar on 'National Intellectual Property Awareness Mission' at Velalar College of Engineering and Technology on 15.03.2022.
- N. Arunachalam of third year attended a course on 'JAVA SCRIPT' at Velalar College of Engineering and Technology on 25.03.2022.
- Fifteen students have attended online webinars and workshops conducted in various institutions.

DEPARTMENT OF MEDICAL ELECTRONICS Association Activities :



- Rangoli Competition was conducted on 11.03.2022 in association with Medieclerix and BMESI. The students and faculty members from various departments participated and exposed their talents.



• Aptitude Solving Tips and Tricks –A Skill Development Programme was conducted on 14.03.2022. Mr. Thiagarajan Thirunavukkarasu, Director, Triumphant Institute of Management Education (T.I.M.E.)

Pvt. Ltd. Erode, shared the Logical and Analytical Thinking required for the placement and other competitive examinations.

Students Activities

- Sejina H of second year has attended a workshop titled “Operation and Maintenance of ICU equipment”, organized by Sengunthar College of Engineering and Technology, Tiruchengode from 15.02.2022 to 17.02.2022.
- Dhivyakakshmi T of third year has participated and bagged the first place in Dexters Lab Event, organized by K.P.R Institute of Engineering and Technology on 25.03.2022.
- Abinaya D of second year has successfully completed a 30 - day Masterclass on Artificial Intelligence at Pantech e Learning Centre from 21.03.2022 to 20.04.2022.

DEPARTMENT OF MBA

SEMINAR

A seminar on “Today’s India at Youths Hand” was organized on 12.01.2022. Shri.V.Sasimohan, IPS, Superintendent of Police, Erode District was the resource person.



WORKSHOP

A workshop on “Sales and Marketing Practices” was organised on 27.01.2022. Shri. G. Shanmugasekar, National Trainer, Redington India Private Limited, Erode and



Shri. R. Subramaniam, Ex.President, EEDISSIA, Erode were the resource persons.

SEMINAR

A Seminar on “Role of ODOP in making India Self-reliant for Rural Entrepreneurship Development” was conducted by Shri. J. Sai Sudeerkumar, MHRD, Govt. of India on 15.02.2022.



A Seminar on “Impact of Digital Marketing in Recent Business” was conducted by Shri. G. Raja Muneeswaran, System Administrator in Digital Marketing, WTT Technology Services India (P) Limited, Coimbatore on 16.03.2022.



DEPARTMENT OF MATHEMATICS

SEMINAR

A seminar on ‘Fuzzy Modelling in Multi-Criteria Decision Making’ was conducted on 11.02.2022. Dr.P.Geetha, Associate Professor and Head, Department of Mathematics, KPR Institute of Engineering and Technology, Coimbatore delivered a special lecture.



Association Activities

Mathematics Colloquium conducted online Math Quiz Competition for first year B.E/B. Tech students during 11.02.2022 and 12.02.2022. E-Certificates were given to the students.



Science Club ‘PHENMAC’ of Department of Science and Humanities celebrated National Science Day on 28.02.2022. Dr.N.Mani, Formerly State President, Tamil Nadu Science Forum, Associate Professor and Head, Department of Economics, Erode Arts and Science College delivered a Special Lecture on ‘Science, Technology and Sustainable Development’.

CLUB ACTIVITIES

WOMEN EMPOWERMENT CELL

As a part of International Women’s Day Celebration held on 08.03.2022, a Guest Lecture on the theme ‘Women of Tomorrow’ was delivered on the topic ‘Create the Identity You Want for Yourself’ by Dr.R.Parvathi, Controller of Examinations, Vellalar College for Women, Thindal.

ENTREPRENEURSHIP DEVELOPMENT CELL

Webinar

A webinar on “Critical Thinking for Students Innovators” was conducted by Shri. S. Santhoshkumar, Assistant Professor, Department of CSE, Kongu Engineering College, Perundurai on 24.01.2022.



Mr. S. Boopathi, Radcom Solutions, Bangalore conducted a webinar on “MY STORY-Motivational Session by Successful Innovators” on 04.02.2022.



Workshop

A workshop on “Entrepreneurship and Innovation as Career Opportunity” was conducted by Shri. L.Jothibasu, EDC Coordinator, Nandha Engineering College, Erode on 05.02.2022.



Webinar

A webinar on “Achieving Problem-Solution Fit & Product - Market Fit” was conducted by Shri. R. Senthil Kumar, Director-Technical and Operations, Pantech-E-learning on 16.02.2022.



Webinar

A webinar on “Entrepreneurs and Technopreneurs” was organised on 28.03.2022. Shri. V. Sathyamoorthy, Unacademy Educator was the resource person.



ROTARACT CLUB ACTIVITIES

KAZHIVIL KALAI VANNAM

A series of events during pongal festival in the name of "2k22 Pongal Kondattam" was organized. One of the events in the series is ‘Kazhivil Kalai Vannam’, in which many creative arts



from waste were collected during bhogi festival. The events were conducted from 13.01.2022 to 25.02.2022. The participants were asked to submit the names of art and photo of art in Google forms. E-certificates were provided to all the participants. This event ensures the exposure of hidden talents and creativity of the participants.

NAMMA OOR PONGAL

An event ‘Namma oor Pongal’ was organized on 14.01.2022. Our main moto is to bring back all our culture and traditions during pongal to this generation. E Certificates were provided to all the participants.

VANNAGALODU VILAIYADU

An event named ‘Vannagalodu Vilaiyadu’ a Rangoli Competition was conducted from 14.01.2022 to 25.01. 2022. The photographs of rangoli were collected through Google forms and E-certificates were provided to all the participants.





CLICK

A photography competition named 'Click', was organized. This event was conducted for individual participants and the photos were posted in Instagram. This event was conducted from 14.01.2022 to 20.01.2022. The photos were uploaded through Instagram and the winner of this event was awarded with cash price of Rs.500/.

KURALAI KANDUPIDI

One of the events in the series was 'Kuralai Kandupidi' in which many participants were asked to fill the missing words to complete a thirukkural. This event was conducted on Thiruvalluvar day of the Pongal festival in order to commemorate the greatness of Thiruvalluvar. E-certificates were provided to all the participants.



PUDHIR POONGA

'Pudhir Poonga', in which many interesting Tamil riddles were given to the participants via Google form. The event was conducted from 16.01.2022 to 25.02.2022. The participants were asked to submit the answers to the questions given

along with their names and contact details. E-certificates were provided to all the participants. This event also helped the participants to recollect their Tamil knowledge in which they were not in touch for a long time.

KURUTHI BAYAMARIYA ORUVAN

A video 'Kuruthi payamariya Oruvan' was released on 26.01.2022, the day of Republic day celebration at 6.30 P. M on official YouTube page of RCV CET. The project was made successfully by Rtr.Jeevitha A, Club Literacy Chairman of RCV CET. Keerthana V C, Bavanthi R, Dinesh V C, Navinbhatathi P, and Manjushree K N B have given dubbing in the video. The motto of this event is to give tribute to our freedom fighters. This event particularly tells us about the life history of the great king " 'Panchalankurichi Seemaivengai - Veerapandiya Kattabomman,'



COLORS OF PATRIOTISM

The event 'Colors of Patriotism' was held on 31.01.2022. Five to six office-bearers have participated and showed their contribution. The main objective of this event is to celebrate patriotism and to commemorate the sacrifices of Freedom fighters.

A PROMISE OF HOPE

A Cancer Awareness Programme 'A Promise of Hope' as a part of World Cancer Awareness Day was conducted on 04.02.2022. The general purpose of a cancer awareness campaign is to increase awareness regarding a specific malignancy, and raise funds for research into its cause, prevention, detection, treatment and cure. In order to spread the awareness of cancer awareness among students, an awareness programme through google meet was organized. We have invited Dr. P.Kavitha in order to speak about cancer awareness among students and to clear their doubts about cancer.



GOLDEN STEPS

Rotaract club of VCET released the Motivational videos in the YouTube platform as 'Golden Steps' on 12.02.2022. The videos were based on a series of motivational events to develop the self-confidence, better to know about ourselves and develop the great inner qualities.

NAM MOZHI TAMIZH

February 21 is celebrated as International Mother Language Day every year to highlight the linguistic diversity and multiculturalism. Considering this, RC VCET released a video named 'Nam Mozhi Tamil', a video about our mother language, Tamil in YouTube to know about our language's growth from the bygone days to till now. Rtr. Amruthavarshini B and Rtr.Deepashri P have given voice to this amazing video



COMPUTER EDUCATION

A computer education program was conducted for the government school students of Kaarapaarai on 26.02.2022, which is the adapted school of RC VCET. We have provided a basic computer education program for the students from 1st std to 5th std. After each session of education, there was a question and answer session for each group and prizes were provided to the winners in order to appreciate their performance.

FUN GAMES (KARAPARAI SCHOOL)

Fun games for the government school students of Kaarapaarai was conducted on 26.02.2022. Fun and entertaining games like running race, water filling games, ball chasing race, musical chair and etc., were conducted. This also helped the students to interact with all the other fellow students and made their time valuable.



FUN GAMES (THINDAL SCHOOL)



PULSE POLIO CAMP (THINDAL SCHOOL)



Rotaract Club members of VCET volunteered their service at the pulse polio camp held at Govt. Primary School, Thindal on 27.02.2022.

PULSE POLIO CAMP (ERODE RAILWAY STATION)



POLIO FUND BOX



ART GALLERY EXPO



Every year, Rotaractor's and Rotarians around the world celebrate World Rotaract Week during the week of 13 March to commemorate the founding of the first club in 1968. World Rotaract Week (March 7 to March 13) is a time for celebrating the success and importance of the Rotaract program. As a part of this, International Women's Day, and RC of VCET conducted an art exhibition named "ART GALLERY EXPO" on the theme "Gender Equality" to create awareness about the equality in gender. This event was conducted on 08.03.2022. The event gathered more than 50 participants.

NAME THE DAME



'Name The Dame', a quiz competition was conducted through Google Forms on 08.03.2022 at 6 PM. The theme of the competition was to make people know our Women personalities and the field of their achievements. The event gained a response of more than 150 active participants.

POSTER MAKING CONTEST



The event 'Poster Making Contest', was conducted on 09.03.2022 through online mode. "Women's rights "was the theme of the poster making contest.

SLOGAN WRITING CONTEST



'Slogan Writing Contest' on the theme 'All About Rotaract' was conducted on 10.03.2022 to create an awareness about Rotaract.



'Paragraph Writing' on the theme 'Rotaract in our society' was conducted on 11.03.2022 to create an awareness about Rotaract.

HISTORICAL DEVELOPMENT OF WOMEN



An event 'Historical Development of Women' was conducted on 12.03.2022. Rtr. Keerthana A, Editor of Rotaract Club of Velalar College of Engineering and Technology was the speaker.

KURAL KODUPPOMA



'Kural Koduppoma' an event to create an awareness about the availability of favourable laws to women. The event was conducted on 13.03.2022. The speaker of the event was Ms. M. Priyadarshini B.A., LL.M advocate at Madras High Court.

FOOD DONATION



Food donation is the best donation in the world. Rotaract Club of VCET has donated food, some basic stationary items, dresses and conducted snake bite awareness programme and fun games for the children at the orphanage named "Open Door Mercy Home" at Palayapalayam, on 22.03.2022.

RED RIBBON CLUB

Awareness towards Covid-19 Test



Red Ribbon Club (RRC) organized a programme on 'Awareness towards Covid-19 Test' on 04.01 2022 with 120 students and 50 faculty members.

International Childhood Cancer Awareness Day-2022

Drawing Competition & Poster Creation



In view of World Cancer Day, Cancer Awareness based Quiz Competition, Drawing Competition and Poster Creation were conducted on 04.02. 2022.

FINE ARTS CLUB

Drawing Competition



The Fine Arts Club conducted a drawing competition on "Life After Covid Lock Down" in online mode for first year students on 05.02.22. The participants were asked to submit their creativity in google classroom. There were around 50 participants for Drawing Competition from different classes. The parameter for the assessment of drawing competition was creativity and originality of the depicted theme. The winners were encouraged with certificates as well as prizes.

Virtual Solo Singing Competition

The Fine Arts Club and Department of Science and Humanities conducted virtual solo singing competition for first year B.E/B.Tech students. Around 10 students actively participated in the competition. The winners were encouraged with the certificates as well as prizes.

Virtual Solo Dance Competition

The Fina Arts Club and Department of Science and Humanities conducted virtual solo dance competition for first year B.E/B.Tech students. Around 10 students actively participated in the competition. Winners were awarded with certificates and prizes.

YOUTH RED CROSS

Youth Red Cross of our college render their service for COVID19 Vaccination camp conducted by Erode Corporation in and around Erode on 10.10.2021. 10 YRC Volunteers have participated in this camp.



COVID-19 -RT-PCR test camp

Youth Red Cross of VCET organized COVID-19 RT-PCR test for all the students, faculty members and non-teaching staff members at VCET Campus from 03.01.2022 to 05.01.2022. More than 900 samples were collected.



Voter day pledge

Youth Red Cross of VCET organised a Voters Awareness program in view of National Voters Day on 25.01.2022. Principal, Dean, Controller of Examinations, HoDs, faculty members and Non-teaching staff took pledge.



Webinar on Food safety and Food adulteration



Youth Red Cross of VCET conducted a webinar for students and faculty members on 04-02-2022. Thiru.R.Balasubramanian, General Secretary, Federation of Consumer Organisations, Tamil Nadu & Pondicherry, District Secretary, Erode District Consumer Protection Center, delivered a special lecture on "Food Safety & Food Adulteration", Dr.M. Jayaraman, Principal, , Dean Prof.P.Jayachander, Controller of Examinations Dr.K.R.Valluvan , Dr. M. Eswaramurthi, HoD /S&H HoDs, faculty members and students participated in the webinar.

CONFERENCE / WORKSHOP / SEMINAR / FDP PROGRAMS ATTENDED BY FACULTY

- Five programmes were attended by faculty members in the department of Bio Medical Engineering
- Two programmes were attended by faculty member in the department of Civil Engineering
- Nine programmes were attended by faculty members in the department of Computer Science Engineering
- Five programmes were attended by faculty members in the department of Electronics and Communication Engineering
- Two programmes were attended by faculty members in the department of Electrical and Electronics Engineering
- Five programmes were attended by faculty members in the department of Mechanical Engineering
- Four programmes were attended by faculty members in the department of Information Technology
- Sixteen programmes were attended by faculty members in the department of MBA
- Three programmes were attended by faculty members in the department of Mathematics.
- One programme was attended by faculty member in the department of Physics.
- Two programmes were attended by faculty member in the department of Chemistry.
- Three programmes were attended by faculty member in the department of English.

LECTURES / KEY NOTE ADDRESS / NPTEL / CONFERENCE PRESENTED BY FACULTY

Department of Civil Engineering

Dr.E.Ravi was invited as a resource person for an expert lecture on 'Foundation Engineering' at Dhanalakshmi Srinivasan College of Engineering, Coimbatore on 11.01.2022.

Dr.E.Ravi was invited as a Chief Guest to the Special Structural Debate on 'Safe Conventional Techniques in Practice Vs. Challenging Non-conventional Techniques in Practice', organized by Structural Engineering Association, Tamil Nadu on 16.01.2022.

Dr.D.Sakthivel and Mr.S.Ramesh Kumar presented a paper titled 'Experimental Investigation in making Low Cost Concrete from Paper Industry Waste' in the International Conference on Emerging Research Trends in Structural Engineering at Vellore Institute of Technology on 24.03.2022

Mr.S.Ramesh Kumar and Dr.D.Sakthivel presented a paper titled 'A study on Partial Replacement of Lime Sludge for Sand in Concrete' in the International Conference on Emerging Research Trends in Structural Engineering at Vellore Institute of Technology on 24.03.2022

Department of Computer Science and Engineering

Dr.S.Kayalvili was invited as a resource person for the Faculty Development Program on 'Outcome based Education' organized by Internal Quality Assurance Cell, Vellalar College of Education on 27.01.2022.

Department of Electronics and Communication Engineering

Dr.M.Parimala Devi, Mr.G.Boopathi Raja, Ms.T.Sathya and Ms.R.Hemalatha presented a paper on 'Modeling and Simulation of Improved Hybrid Dual Converter using Wave Energy' in the '4th International Conference on Advances in Mechanical Engineering (ICAME 2022)' conducted by SRM Institute of Science and Technology from 24.03.2022 to 26.03.2022.

Dr.M.Parimala Devi, Mr.G.Boopathi Raja, Ms.T.Sathya and Ms.M.Ruba presented a paper on 'Design and Control of Electrical Vehicle Charger' in the '4th International Conference on Advances in Mechanical Engineering (ICAME 2022)' conducted by SRM Institute of Science and Technology from 24.03.2022 to 26.03.2022.

Department of Mechanical Engineering

• S. Arun Kumar, A. Manojkumar and V. Mohan Kumar presented a paper on "Study on Tribological Behavior of AA7075/(Si₃N₄/TiC) Hybrid Reinforced Metal Matrix Composite" in AICTE sponsored National Conference on Challenges and Innovations in 3D printing of Composite Materials at M.P.Nachimuthu M.Jaganathan Engineering College, Chennai on 28.01.2022 & 29.01.2022.

• E. Ajaikumar presented a paper on "Optimization of Machining Fixture Layout by Considering Two-Dimensional Workpiece Fixture Contact Regions" in International Conference on Advanced Computing & Communication Systems-ICACCS 2022 at Sri Eshwar College of Engineering, Coimbatore on 25.03.2022 & 26.03.2022.

Department of MBA

Papers Presented:

• Dr.T.Vetrivel presented a paper on "Innovative Trends in Public Relations to Introduce and Promote Product" in the National Level Seminar organized by Sathyabama Institute of Science and Technology, Chennai on 02.02.2022

• Dr.T.Vetrivel presented a paper on "A Study on Bit Coin in India" in the National Conference on "Initiatives and Challenges on Regulating Crypto Currencies in India" organized by KSR College of Engineering, Tiruchengode on 15.02.2022.

• Dr.T.Vetrivel presented a paper on "An Overview of GST" in the International Conference organized by the Department of Commerce (CA), Sivakasi Nadars Pioneer Meenakshi Women's College, Poovanthi, Sarugani on 18.03.2022.

• Dr.T.Vetrivel presented a paper on "Digital Economy" in RBI Sponsored National Level Conference on "Prospects and Problems of Digital Economy and Financial Inclusion in Rural India" organized by KPR College of Arts & Science and Research, Coimbatore on 23.03.2022.

• Dr.T.Mohanapriya and Dr.K.T.Kalaiselvi presented a paper on "Factors Influencing Value of Cryptocurrency", in the National Conference on "Initiatives and Challenges on Regulating Crypto Currencies in India" organized by K.S.R College of Engineering, Tiruchengode on 15.02.2022.

• Dr.T.Mohanapriya and Dr.K.T.Kalaiselvi presented paper on "Gender Inequality, Discrimination and Disparity", in the National Conference on "Rural Women Empowerment in the Context of Microfinancing Services" organized by Sasmira's Institute of Commerce and Science on 05.03.2022.

• Mr.N.Balachandran, presented a paper on "Innovative Trends in Public Relations to Introduce and Promote Products" in the National Level Seminar organized by Department of Visual Communication, Sathyabama Institute of Science and Technology, Chennai in association with Public Relations Society of India, Chennai Chapter & Institution's Innovation Council on 02.02.2022.

Lecture / Key note Address Delivered:

• Dr.T.Mohanapriya was invited as a resource person and delivered a lecture on , 'Fair Digital Finance – Digital Financial Services in India' organized by PG & Research Department of Commerce, P.K.R Arts College for Women on 15.03.2022.

• Dr.K.T.Kalaiselvi was invited as a resource person and delivered a lecture on "Rural Women Empowerment" in the second FDP on "Mentoring for Institutional Social Responsibility and Facilitation for Community Engagement" organized by Mahatma Gandhi National Council of Rural Education (MGNCRE) on 03.03.2022 through online.

Department of Mathematics

Dr.M.Eswaramurthi was invited as a resource person for the 'National Science Day Celebrations – Tributes to Sir C V Raman' organized by Department of Mathematics, P.K.R Arts College for Women on 28.02.2022.

Department of Chemistry

Dr.S.Kalaiselvi, has presented a paper titled "Column Studies for Removal of Reactive Blue 19 from Aqueous Solution using an Adsorbent Prepared from Eichhorinacrassipes and Commercial carbon" in a virtual International conference on Multidisciplinary Aspects in Chemistry organized by Department of Chemistry, Sri Ramakrishna College of Arts and Science, Coimbatore on 20&21 January 2022.

Ms.M.Priya, has presented a paper titled "Comparative Study of Thermodynamic and Adsorption Behaviour of Crab Shell and Shrimp Waste Extract on Mild Steel Corrosion in Acidic Medium" in virtual International conference on Multidisciplinary Aspects in Chemistry organized by Department of Chemistry, Sri Ramakrishna College of Arts and Science, Coimbatore on 20&21 January 2022.

JOURNAL PUBLICATIONS BY THE FACULTY MEMBERS

Department of Civil Engineering

Mr.S.C.Sarath Kumar, Dr.C.Karthik, Ms.A.Anitha and Mr.S.Suresh 'Experimental Investigation on Concrete with Partial Replacement of Fine Aggregate by Date and Tamarind Seed', International Journal of Advance Research, Ideas and Innovations in Technology ISSN No. 2454-132X, Vol. 8 Issue 1Pg.No 45-52. January 2022.

Department of Electronics and Communication Engineering

Dr.M.Parimala Devi, Dr.V.Gowrishankar, G.Boopathi Raja and T.Sathya, 'Industrial Internet of Things-based Solar Photo Voltaic Cell Waste Management in Next Generation Industries', Environmental Science and Pollution Research, ISSN: 0944-1344, Vol 29, Issue 24, pp 35542-35556, March 2022.

Department of Electrical and Electronics Engineering

• Dr.P.Sakthivel, 'Gate Diffusion Input (GDI) Codes Involved Viterbi Decoders in Wireless Sensor Network for Enhancing QoS Service', an international journal Analog Integrated Circuits and Signal Processing, ISSN no: 0925-1030, Vol.111, issue.2, 8thMarch 2022,pp.287-298,https://doi.org/10.1007/s10470-022-02010-5.

Department of MBA

• Dr.T.Mohanapriya and Dr.K.T.Kalaiselvi 'Enhancing Business Performance of MSME through Social Media Marketing during COVID-19', "Journal of Oriental Institute",Vol.No:71, Issue No. 01, pp. 06, January to March 2022.

BOOK PUBLICATIONS

Department of Bio Medical Engineering

Dr.S.Mangai has written a book chapter on Introduction to Artificial Intelligence and published in the book titled 'Smart Systems for Industrial Applications', pp. 141-171, 1st edition, 2021-22, Scrivener Publishing LLC', ISBN -13: 978-1119762010, DOI no. 10.1002/9781119762010.

RESEARCH ACTIVITIES

Award of PhD:

Department of Civil Engineering



Mr.D.Sakthivel, Assistant Professor, Department of Civil Engineering has completed Doctoral Degree from Anna University, Chennai during January 2022. His areas of interest are

Environmental Engineering, Ground Water Analysis and GIS Modeling. He has published many papers in national and international journals and presented papers in various conferences.



Mr.C.Karthik, Assistant Professor, Department of Civil Engineering has completed Doctoral Degree from Anna University, Chennai during February 2022. His areas of interest are Thin-walled

Structures, Composite Structures and Cold-formed Steel Structures. He has published many papers in national and international journals and presented papers in various conferences.

Patents:

Department of Bio Medical Engineering

Mr.K.Rajaram published a Patent on 'Smart Versatile Monitoring System' dated on 24.12.2021 [Application Number: 2021141058585].

Dr.J.R.Rajalakshmi published a Patent on 'Integrated Image Processing Based System for Tablets Identification Employing Mobile Application' dated on 25.02.2022 [Application Number: 202241006664A].

Copyrights:

Department of Bio Medical Engineering

Dr.S.Mangai has received the copyright for 'An Investigation on the Performance Evaluation of a secured routing Protocol for Vehicular AdHoc Networks' dated 31/03/2022 with Registration Number-L-113928/2022 and Diary Number/ROC Number-31971/2021-CO/L.

Department of Electronics and Communication Engineering

Ms.K.Kavitha Published a Patent on 'A System for detecting fault in a Network and Performing Recovery Management and a method thereof' [Reg.No: 10.02.2022 & 2022/01775].

Dr.S.Mahendrakumar, Dr.K.Venkatachalam, Dr.K.Senthil Prakash, Dr.V.Gowrishankar, Mr.P.Senthil Kumar, Mr.K.S.Murugesan, Mr.S.Pooranachandran and Mr.S.Nachimuthu Published a Patent on 'Retinal Scan and Speech enabled safety locker System for the important files and Data to prevent from Robbery' on 15.03.2022. [Reg.No: 08.04.2022 & 202241013978A].

Dr.M.Parimala Devi, Dr.V.Gowrishankar and T.Sathya received a Patent grant for 'A Block chain-IOT based Patient Monitoring System' on 10.07.2021. [Reg.No: 23.03.2022 & 2021104030].

Department of Medical Electronics

Dr. V. Chandrasekaran, Dr. M. Pravin Kumar and Mrs.K.Vanitha published a Patent titled "Retinal Scan and Speech Enabled Safety Locker System for the Important Files and Data to prevent from Robbery" Application Number: 202241013978 A Filing Date: 15/03/2022 Publication Date: 08/04/2022.

Grants:

Department of Bio Medical Engineering

Mr.K.Rajaram received the Travel Grant Rs.20,000 from Indian Association of Gastrointestinal Endosurgeons for attending the EFIAGES 2021 Fellowship Program at Sri Ramachandra Medical College, Chennai during 24.11.2021 to 26.11.2021.

Dr.S.Mangai, M.Ramganeswaran, R.Madhav, R.Santhosh Kumar and Rahul Rajeev have received a research grant of 7500 from TNSCST for the project titled '911 Services and Vital Sign Measurement Utilizing Mobile Phone Sensors and Applications' for the academic year 2021-22.

Department of Civil Engineering

Ms.A.Anitha had received a grant of Rs. 7500/- from Tamil Nadu State Council for Science and Technology (TNSCST) for the project titled 'Utilization of Industrial Waste for developing Low-cost Concrete'

Department of MBA

Dr.K.T.Kalaiselvi received a grant of Rs.7500/- from TNSCST, Chennai for the student project titled "Impact of Welfare Measures on the Quality of Employees Performance with Special Reference to Construction Industry".

AWARDS / RECOGNITIONS:

Department of MBA

Dr.D.Muthukrishnaveni, Dr.T.Mohanapriya and Dr.K.T.Kalaiselvi have been awarded with "Women of Excellence Award" by HR Foundation, Dindigul on 11.03.2022.

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

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