



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous)
Thindal, Erode - 638 012
Accredited by NBA & NAAC with 'A+' Grade
Department of Science and Humanities
NEWSLETTER



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MESSAGE FROM THE HEAD OF DEPARTMENT

The Department of Science and Humanities is delighted to announce a significant advancement in our academic offerings for the academic year 2023-2024. Our college has taken a momentous step by introducing a new course in Computer Science and Engineering, focusing on Artificial Intelligence and Machine Learning. This cutting-edge course is designed to equip students with necessary skills and knowledge to navigate the digital world, which is increasingly characterized by data and automation. This semester began with a strong emphasis on empowering students in both academic and non-academic pursuits. The proactive involvement of our students in various club activities have honed the students in leadership, cooperation, teamwork, creativity, critical thinking and communication skills. Additionally, our mentor-mentee system and career counselling opportunities have further enriched the holistic development of our students supporting them in both their personal and professional growth. I extend my heartfelt congratulations to all our faculty members and students for their collective efforts in making this semester exceptionally productive. With the same spirit of dedication and commitment, I am confident that we will continue to thrive



in the upcoming semester and beyond, shaping the future leaders and innovators of tomorrow.

PROGRAMMES ORGANISED

INAUGURATION OF THE 23rd BATCH

Inaugural function of the 23rd Batch of B.E./B.Tech. Programmes was held on 30.08.2023 at Kasthurba Gandhi Auditorium, Velalar College of Engineering and Technology, Erode. Thiru.C.Jayakumar, President, Vellalar Educational Trust, presided over the function. Thiru.S.D.Chandrasekar, Secretary and Correspondent, Vellalar Educational Trust delivered the inaugural address. Dr.M.Jayaraman, Principal, Prof.P.Jayachandar, Dean offered felicitations. Dr.M.Eswaramurthi, HoD/S&H delivered the welcome address and Dr.S.Lalitha, Prof./Tamil proposed the vote of thanks.



INDUCTION PROGRAMME



The Department of Science and Humanities organized an Induction Programme from 31.08.2023 to 15.09.2023 under the guidance of AICTE. Thiru S.D.Chandrasekar, Secretary and Correspondent inaugurated the programme. Dr.M.Jayaraman, Principal and Prof.P.Jayachandar, Dean felicitated the gathering. Dr.M.Eswaramurthi, HoD/S&H welcomed the gathering. This programme was a transition for school students to learn the importance of hard-core engineering field. Eminent industrial experts and trainers were invited in-house to enlighten the students.

ASSOCIATION & CLUB ACTIVITIES

NATIONAL MATHEMATICS DAY

Mathematics Colloquium of Department of Mathematics celebrated the National Mathematics Day on 22.12.2023. Dr.K.K.Mythili, M.Sc.,M.Phil., P.G.D.C.A.,Ph.D., Associate Professor and Head, Department of Mathematics, Vellalar College for Women was the Chief Guest. She shared her thoughts and ideas on the topic 'Logicism in Mathematics'. Around 135 students participated in this programme and got benefitted.



ENGLISH LITERARY ASSOCIATION

English Literary Association was inaugurated on 01.09.2023 and conducted various activities to improve the language skills of students. 'Synergy' was organised to introduce about the association from 01.09.2023 to 02.09.2023 for the second year students. 'Break the Blues' was conducted to recruit the second year students as Executive Members for the association. 'Break the Blues 2.0' was conducted on 05.09.2023 and 8 students were recruited for the post of Executive Members. In view of Engineers' Day celebrations, Poem Writing and Essay Writing competitions were conducted on the topic 'Indian Engineers'. 'Open Mike-1,2,3 and 4' was conducted on 23.09.2023, 06.10.2023, 04.11.2023 and 18.11.2023 for the first year students to create awareness about public speaking skills. Spell Bee, Slogan Writing and Essay Writing competitions were conducted on 30.10.2023. 'Lexico Challenge' was conducted on 03.11.2023 for the second year students to improve the vocabulary skills. Word Quest, Vocab Voyage, Letter Lock, Synonym Safari and Word Warrior were also conducted as sub events. Mingle Magic event and Mingle Magic workshop were conducted from 07.11.2023 to 09.11.2023 to develop interview skills for the third year students. An Interactive session was organised on 09.12.2023 with our alumnus Ms.R.Suganthika, Associate Software Engineer, Coimbatore with the objective of promoting communication skills at workplace. An awareness programme was organised on Aptis, an English Language Assessment Solution on 28.12.2023. Mr. E. John Vincent, Senior Manager, Business Development, British Council - India, Chennai briefed about Aptis for the first year students.



YOUTH RED CROSS



Youth Red Cross and Department of Public Health and Preventive Medicine conducted a Deworming Camp on 14.09.2023. Around 2000 students were benefitted by this camp. YRC volunteers conducted the Dengue awareness campaign on 27.11.2023. This campaign created an awareness about spreading methods, preventive measures and symptoms of dengue fever. Erode Forest Department (Chennimalai region) organized a cleanliness programme at Vellode Bird Sanctuary, Erode on 29.12.2023. 25 YRC volunteers and 20 Green club volunteers together participated in this programme, as a part of their social activities.

JCI CLUB

An awareness programme on 'Drug Abuse' was organized by JCI club on 15.09.2023. This programme aimed to educate students about the dangers of drug abuse and its impact on individuals and society. A special Aadhaar correction and updation camp along with Postal Department was organized from 07.10.2023 to 11.10.2023 for the students and staff. JCI Club conducted a motivational lecture on 'Role of Youngsters in Agriculture' on 09.11.2023. In which, Mr.C.Muthukumar,B.A,LLB(Hons),LLM(IPR), Advocate, High Court, Chennai delivered a special lecture for the first year students. JCI club students attended a District Level workshop titled 'Climate Change' on 20.10.2023 organized by Department of Environment and Climate Change, Tamilnadu Climate Change Mission, District Collectorate, Erode. JCI Club and JCI Excel Erode organized a Marathon on 'Peace' for school students on 26.11.2023. Our Secretary and Correspondent Thiru. S.D. Chandrasekar flagged off and started this Marathon. JCI Club organized an Electoral ID Card enrollment and updation camp along with Electoral Department from 08.12.2023 to 09.12.2023. Census camp was conducted along with Erode Forest Department on 29.12.2023 at Vellode Bird Sanctuary.



GREEN CLUB

Green club conducted an awareness programme on 'Importance of Energy Conservation' on 18.12.2023 in connection with Energy Conservation Day. Dr.M.Jayaraman, Principal presented the importance of paper, Prof.P.Jayachandar, Dean, Dr. M.Eswaramurthi, HOD/ S&H, Green Club coordinator and Green Club volunteers participated in this programme. YRC, RRC and Green club volunteers participated in a Mega plant sapling camp at SIPCOT, Perundurai on 24.09.2023. This camp was headed by Thiru.Raja Gopal Sunkara I.A.S, District Collector, Erode District, Mr.N.Venkatesh prabhu, District Forest Officer, Erode District, Maru.Manish, IAS., Deputy Collector, Erode District. 250 plant saplings were planted in this programme.



RED RIBBON CLUB

Red Ribbon Club organised a cleaning campaign in connection with World Environmental Day at Vellore Bird Sanctuary on 05.06.2023. An awareness programme on 'Yoga Day and Meditation' was organised on 22.06.2023. RRC, Erode Blood Bank and Lions Club organised a Blood Donation Camp on 23.09.2023. A special Camp for Aadhaar correction, Nativity and Community certificate was organised on 17.10.2023 with the support of E-service Centre. A general Medical Checkup camp was conducted on 21.11.2023 for the students in order to maintain a healthy life.



ROTARACT CLUB



Rotaract Club conducted the 20th Installation Ceremony 'Aatral' on 09.09.2023. Rotaract Club conducted multifarious activities like 'Mobile Crematorium Inauguration' on 07.07.2023, 'Organ Donation Awareness Programme' on 11.08.2023, 'Independence Day Celebration' on 15.08.2023, 'Blood Donation Camp' on 23.09.2023, 'Stamp Exhibition' on 10.10.2023, 'Integrity Pledge' on 31.10.2023, 'Education Loan Awareness Programme' on 06.11.2023, Intra-college Symposium 'KNACK 23' on 25.11.2023, 'Planting of Saplings' on 06.12.2023, 'Group Rotaract Representative Visit' on 28.12.2023, Flood Relief Donation' on 04.01.2024, 'Pongal Festival' on 12.01.2024 and 'Republic Day Celebration' on 26.01.2024.

ELECTORAL LITERACY CLUB

Electoral Literacy Club implemented various activities about electoral process among students for their participation in the electoral registration and voting. As part of this, singing competition was conducted for creating voter awareness on 04.01.2024.

FACULTY MEMBERS AS RESOURCE PERSONS IN VCET & OTHER INSTITUTIONS

Mathematics

- Dr.K.Rathi acted as a resource person and delivered a Guest Lecture on 'Mathematical Perspective on the World around Us' organized by Department of Mathematics, Vellalar College for Women, Erode on 21.12.2023.

FACULTY DEVELOPMENT PROGRAMME

Mathematics

- Ms. D. Nandhini and 2 others participated in an FDP on 'Mathematical Sciences for CSIR-UGC NET Aspirants' organized by VIT, Vellore from 17.10.2023 to 21.10.2023.
- Dr. C. S.Gowri and Ms. V. Kalaivani participated in an FDP on 'Strengthening Tenets of Specific Institutional Practices and Professional Skills in the Context of NEP 2020' organized by the IQAC - VCW from 30.10.2023 to 31.10.2023.
- Dr. M. Eswaramurthi and 13 others attended an FDP on 'Applications of Mathematics in Various Fields with Innovative Approaches' organized by Bapatla Engineering College, Bapatla from 21.11.2023 to 25.11.2023.

English & Tamil

- Ms. T. Sasikala and Ms. S. K. Aashika attended the Faculty Endowment Lecture session 6 titled 'The Enduring Legacy of Classical Literary Criticism- Lecture 2' on Roman and Latin Classicists on 03.11.2023 conducted by the Department of English, Sri Krishna Aditya College of Arts and Science, Coimbatore.
- Dr. B. S. Gomathi attended a National Level FDP on 'Recent Trends in English Studies' organized by Nazareth Margoschis College, Pillayanmanai from 23.11.2023 to 29.11.2023.
- Ms.V.Suguna participated in an International FDP on 'Pedagogical Innovations in English Language and Literature' organized by Nirmala college for Women, Coimbatore from 29.11.2023 to 05.12.2023.
- Dr. B. S. Gomathi participated in an FDP on 'AI in English Language Teaching' organized by Stella Mary's College, Chennai on 12.12.2023.
- Dr. B. S. Gomathi and 2 others participated in the Professional Development Programme on 'Gamification Practices in Language Pedagogy' organized by the National Institute of Technical Teacher's Training and Research, Chennai from 18.12.2023 to 22.12.2023.
- Dr. S. Hemalatha and Dr. S. Lalitha participated in the National level FDP on 'Teaching Language through Visual and Other Arts' organized by Career Development Cell, Gokul Global University, Siddhpur, Gujarat from 18.12.2023 to 24.12.2023.

- Dr. S. Hemalatha participated in the National level FDP on ‘Beyond Frames: A Cinematic Tapestry of World Cinema and Bollywood’ organised by Career Development Cell, Gokul Global University, Siddhpur, Gujarat from 18.12.2023 to 24.12.2023.
- Dr. B. S. Gomathi participated in an FDP titled ‘Reading and Researching the Literature of Crisis’ organised by the Department of Humanities and Social Sciences, NIT, Trichy in collaboration with the UNESCO Chair in Vulnerability Studies, University of Hyderabad from 22.01.2024 to 28.01.2024.
- Ms. S. Tamilselvi participated in an FDP on ‘Intergration of Technology in Teaching- Faculty Development Perspective’ organized by IQAC Cell, Dr. R.V. Arts and Science College, Karamadai from 29.01.2024 to 02.02.2024.

Chemistry

- Ms. D. Uma Maheswari participated in an FDP on ‘Sustainable Knowledge Management in Academics and Research’ organized by the Department of Chemistry in Association with IQAC and Centre for Faculty Development, St.Peter’s Institute of Higher Education and Research, Avadi, Chennai, India in Collaboration with ACE International Pvt., Ltd., Singapore from 25.09.2023 to 30.09.2023.
- Ms. M. Gowri participated in an AICTE recognized FDP on ‘Managerial Skills for Technical Teachers and Administrators’ conducted by Education and Educational Management Department at Velalar College of Engineering and Technology, Erode from 28.08.2023 to 01.09.2023.
- Dr. S. Kalai Selvi and Ms. M. Priya participated in an FDP on ‘Recent Advances in Chemical Sciences’ organized by Department of Chemistry, K.S.R College of Arts and Science for Women, Tiruchengode from 27.11.2023 to 01.12.2023.

Physics

- Dr. Deepa Jananakumar and 2 others attended a National level FDP on ‘Advanced Materials and Quantum Technology’ organized by Department of Applied Physics under the aegis of IQAC, YCCE, Nagpur Yeshwantrao Chavan College of Engineering from 04.12.2023 to 09.12.2023.
- Dr. Deepa Jananakumar and Dr. S. Devi attended a National level FDP under DBT Star Status Scheme on ‘Development of Materials Characterization Techniques and their Future Prospects’ organized by Department of Physics, Sri G.V.G.Visalakshi College for Women, Udumalpet from 18.12.2023 to 22.12.2023.
- Dr. Deepa Jananakumar and 2 others attended an FDP on ‘Nuclear and Particle Physics’ organized by NPTEL - AICTE.

WORKSHOP

Mathematics

- Ms. T. Saranya and Mr. K. Vetri attended a two day workshop on ‘Sage Math’ organized by Dr.M.G.R. Educational and Research Institute on 22.08.2023 and 23.08.2023.
- Ms. M. Sudharani and 3 others attended a two day Hands-on workshop on ‘Mastering Graph Theory Concepts with Python Programming’ organized by Arjun College of Technology, Coimbatore on 13.10.2023 and 14.10.2023.
- Ms. T. Saranya and Mr. K. Vetri attended a five day workshop on ‘SPSS in Research’ organized by Star International Foundation for Research and Education from 26.12.2023 to 30.12.2023.

Physics

- Dr. N. Thangaraj participated in INUP-i2i workshop on ‘Quantum Materials and Nano Devices’ organized by Centre for Nanotechnology, Indian Institute of Technology, Guwahati from 06.12.2023 to 08.12.2023.

English

- Ms.V. Suguna participated in a National Level workshop on ‘Research Methodology’ organised by the Department of English, Kristu Jayanti College, Bengaluru from 06.09.2023 to 08.09.2023.
- Ms.V.Suguna and Ms. S. Tamilselvi participated in an International workshop on ‘Research Methodology’ organised by SRM Institute of Science and Technology, Ramapuram, Chennai from 09.10.2023 to 14.10.2023.
- Dr. S. Hemalatha and 4 others participated in the workshop on ‘Research Scenario and the Need for Research Aptitude in Language and Literature’ organized by the Research Department of English, VET Institute of Arts and Science on 18.10.2023.
- Ms. M. Bharathi participated in the NET Orientation Programme (Paper-I) organized by Arcot Sri Mahalakshmi Women’s College of Education, Villapakam, Arcot on 03.11.2023.
- Ms. M. Bharathi participated in an International workshop on ‘General Paper on Teaching and Research Aptitude’ organized by Global Institute of Statistical Solutions from 04.11.2023 to 08.11.2023.

- Ms. M. Bharathi participated in a workshop on ‘Academic Writing - Ethical Issues’ conducted by Global Institute of Statistical Solutions from 19.01.2024 to 21.01.2024.

WEBINAR

English & Tamil

- Ms. M. Bharathi attended a National level Webinar on awareness of ‘Malaviya Mission Teacher Training Program’ organized by Yeswanth Mahavidhyalaya Nanded on 22.10.2023.
- Ms. M. Bharathi attended a National level Webinar on ‘Indian Knowledge Systems: Mahakavi Kalidasa’ organised by Yeswanth Mahavidhyalaya Nanded on 28.10.2023.
- Ms. V. Suguna attended an International Seminar on ‘Earthy Echoes in English Literature’ organised by Sri Sathya Sai Institute of Higher Learning, Anantapur, Andhra Pradesh, conducted on 29.09.2023 and 30.09.2023.
- Dr.S.Lalitha participated in an International Level Seminar Tamilayvutervu conducted by Vaagai Tamil Sangam, Namakkal, Tamilnadu on 10.12.2023.

CONFERENCE

Mathematics

- Ms. D. Shanmugavadivu attended an International Conference on ‘Computational Sciences and Applied Mathematics’ organized by VET Institute of Arts and Science, Erode on 21.07.2023.

Physics

- Dr. N. Thangaraj presented a paper in an International Conference on Advancements in Materials Science: Trends and Applications on the topic ‘Structural, Magnetic and Electrical Characterization of NiCuZn Ferrites for High Frequency Inductive Applications’ organized by Department of Physics in collaboration with IQAC, Rayat Shikshan Sanstha’s Mahatma Phule Arts , Science and Commerce College, Panvel District, Raicad on 25.01.2024.

Chemistry

- Ms. M. Priya presented a paper titled ‘Inhibitory Action of Biowaste Extract on Mild Steel Corrosion in Acidic Environment’ in the International conference on Recent Advances in Chemical Sciences organized by St.Xavier’s College, Palayamkottai on 26.09.2023.
- Ms. D. Uma Maheswari attended an International Conference on ‘Functional Nanomaterials and Nanodevices’ organized by Faculty of Allied Health Sciences, Chettinad Academy of Research and Education, Kelambakkam on 26.09.2023.
- Dr. K. Manikandan participated and presented a paper titled ‘Metal Sulphide Decorated Ceo₂ and its Enhanced Visible-Light Photocatalytic H₂-Production Activity’ in the National conference on Futuristic Materials in Science and Technology at Bannariamman Institute of Technology, Sathy on 05.10.2023 and 06.10.2023.
- Dr. M. Sridharan participated and presented a paper titled ‘Kesterite Copper Zinc Tin Sulphide Decorated Ceo₂ P-N Heterojunction Nanocomposite: Remarkably Boosted Visible Light Driven Photocatalytic Hydrogen Production’ in the National Conference on Futuristic Materials in Science and Technology at Bannariamman Institute of Technology, Sathy on 05.10.2023 and 06.10.2023.

SYMPOSIUM

Chemistry

- Ms. M. Gowri participated in the National level Symposium on ‘Women in Science and Technology’ conducted by Centre for Women's Studies, Navchetna on 21.09.2023 at Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore.

JOURNAL PUBLICATION

Chemistry

- Dr. S. Kalai Selvi ‘Treatment of Textile Dyeing Wastewater Using a Low-cost Adsorbent’ Gravidia Review Journal, Vol.9, Issue 11, November 2023.

NPTEL

- Dr. Deepa Jananakumar successfully completed an NPTEL Course on ‘Nuclear and Particle Physics’ and secured an Elite Medal.

NET

- Ms. S. K. Aashika has qualified UGC - National Eligibility Test held on 16.12.2023.

AWARD OF Ph.D

- Ms. P. Kirithika, AP/Physics has completed her Doctoral Degree in Anna University, Chennai on 28.08.2023. Her research title is ‘Synthesis and Characterization of Nickel



Manganese Tungsten Phosphorous Thin Films for Magnetic Storage Devices’ She has presented 7 papers in National and International Conferences and published 4 research papers in International Journals.

- Ms. B. S. Gomathi, AP / English has completed her Doctoral Degree in Bharathiyar University, Coimbatore on 17.11.2023. Her research title is ‘An Empirical Study on the Role of English Language Laboratory in Developing Communication Skills among Engineering Students in Erode District’. She has presented 14 papers in National and International Conferences and published 8 research papers in International Journals.



ACADEMIC PERFORMANCE TOPPERS LIST 2023-24 (ODD)

S. No.	REG. NO.	NAME	BRANCH	GPA	RANK
1	732923ADR004	AGALYA N	AIDS	9.09	I
2	732923ADR058	THANNUSREE S		9.04	II
3	732923ADR021	HEMADHARANI S		9.00	III
4	732923AMR051	SOWBARNIKA. E	AIML	9.21	I
5	732923AMR025	KIRUTHIKASHREE A. V		9.13	II
6	732923AMR015	HAJIA TASLIM M		9.00	III
7	732923AMR027	MADHUMITHA G		9.00	
8	732923AMR047	SHANMUGA PRIYA K S		9.00	
9	732923BMR093	RAJESHWARI S	BME	9.79	I
10	732923BMR115	SRINITHI M		9.47	II
11	732923BMR041	KAVIASHREE RANGASAMY		9.05	III
12	732923CER029	VARSHINI S	CIVIL	8.91	I
13	732923CER021	SAKTHI M		8.70	II
14	732923CER030	VASANTH ADHITHYA S		8.61	III
15	732923CSR017	EESHA MISHRA V	CSE	9.74	I
16	732923CSR085	SHALINI B		9.48	II
17	732923CSR061	NAVYAA SRI K		9.47	III
18	732923ECR164	SUTHIKSHA V N	ECE	9.64	I
19	732923ECR028	DIVYA DHARSHINI K S		9.59	II
20	732923ECR119	RETHANYA V		9.18	III
21	732923EER024	INDHUVATHANI S	EEE	9.60	I
22	732923EER038	NAVEENA K		9.50	II
23	732923EER030	KIRUTHIKA S		9.35	III
24	732923MDR008	DEVIKA T	MDE	9.83	I
25	732923MDR030	MAMTHA J N		9.52	II
26	732923MDR033	MIDHUNA N			
27	732923MDR054	SUBASHITHA B			9.22
28	732923MER035	NIGASH S	MECH	9.30	I
29	732923MER013	DHARUNESH M		8.78	II
30	732923MER023	HARISH A		8.74	III
31	732923ITR014	BOOMIKA A K	IT	9.39	I
32	732923ITR093	SASTHIKHA V K		9.34	II
33	732923ITR028	ENIYA P		9.26	III

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