



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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Issue 2

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### MESSAGE FROM THE HEAD OF DEPARTMENT

It gives me immense pleasure to pen down the even semester newsletter of the academic year 2022-23. I want to express my heartfelt gratitude to all the faculty members and students for their unwavering support and dedication in the successful completion of this semester. Our academic journey has been marked by not only the pursuit of knowledge but also the fostering of holistic development among our students. I extend my sincere appreciation to the club coordinators for their tireless efforts in promoting co-curricular activities, which play a crucial role in developing leadership, teamwork and social skills of our students. I am delighted to inform you that our Mathematics department has been recognized as a research centre, and the Physics department has successfully renewed its research centre recognition to continue our commitment to research-oriented activities. The dedication of our faculty members to these research endeavours has significantly enriched our academic excellence. Let me conclude this note by wishing our students to explore new frontiers in technology and hone their communication skills that will undoubtedly lay a strong foundation for the forthcoming phases of their careers and lives.



### PROGRAMMES ORGANISED REFRESHER COURSE

The Department of English conducted a Refresher Course on 'Enhancing English Proficiency through Mass Media Utilization' on 07.06.2023, 08.06.2023 and 10.06.2023. The course comprised of Riddles, Role play, Debate, Extempore, Show and Tell, Story Telling, etc., This programme motivated the students to enhance their communication skills. 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. Around 85 students participated and received certificates.



### ASSOCIATION ACTIVITIES SCIENCE CLUB



PHENMACH, Science Club conducted an invited lecture on the topic 'Accreditation and Outcome Based Learning' on 14.06.2023 with the objective of developing critical thinking abilities, problem solving skills, and practical skills among students. Dr. G. Tholkapia Arasu, Chief Executive Officer, Aasaan Accreditation Pvt.Ltd., was the Chief guest. Science Club also conducted paper presentation competitions for Mathematics, Physics, Chemistry and English subjects in order to improve the students

presentation skills on 01.02.2023 and 02.02.2023.

### MATHEMATICS COLLOQUIUM

Department of Mathematics organized a Quiz competition for the first year B.E / B.Tech students to improve the logical reasoning and analytical thinking skills of students on 28.04.2023. Totally 140 students participated in this event.





## WOMEN EMPOWERMENT CELL

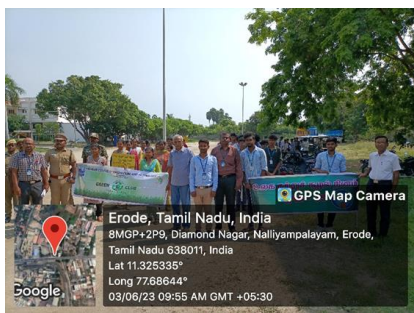
The Women Empowerment Cell organized an awareness programme on 'Mental Health is a Preserved Treasure' on 8.3.2023. Dr. Matilda Daniel Matikarthur, Psychiatrist and Medical Doctor, Joseph Hospital, Erode, delivered a special lecture for maintaining emotional, psychological, and social state of human beings. Various competitions like Glass Painting, Millet Based Food Expo and Hair Dressing were conducted for the girl students on 7.3.2023.

## ENGLISH LITERARY ASSOCIATION & TOASTMASTERS' CLUB

English Literary Association conducted an event titled 'Unleash' for the second year students on 10.03.2023 to overcome their stage fear and interact with the audience in a professional manner. The English Literary Association and Toastmasters' Club conducted the valedictory function on 14.06.2023. Dr. G. Tholkapia Arasu, Chief Executive Officer, Aassan Accreditation Pvt.Ltd., Chennai presided over the function and delivered a speech on the topic 'Importance of English Language in our Society'.



## GREEN CLUB



Green Club conducted an awareness rally along with Erode Forest Department in connection with World Environmental Day. Mr.Suresh and his team from the Forest Department, Green Club Coordinator and Green Club Volunteers participated in this rally from Sengotanpallam to our College on 03.06.2023. In view of World Environmental Day, Dr.M.Jayaraman, Principal delivered a special address on environmental protection on 5.6.2023 and donated plant saplings to the students. Dr. M. Eswaramurthi, HoD (S&H), Mr.P.Jayachandar, Dean, Green Club Coordinator and Green Club volunteers participated in this programme.

## YOUTH RED CROSS

Youth Red Cross conducted Periods Product Drive programme for the I year B.E., /B.Tech girl students on 05.06.2023. Jc. Dr. S. Sharmila, Zone Director- Lady Jaycees, Zone XVII, JCI, India delivered a special lecture on menstrual cycle and its related problems. Around 134 girl students participated in this programme and free sanitary napkins were distributed to



all the girl students and lady staff members of our college. Youth Red Cross conducted a guest lecture on 'Design Thinking for Innovations' for the I year B.E., / B.Tech students on 19.06.2023. In this guest lecture, Dr. V. Murali Bhaskaran, Dean, Academics, Professor / CSE, Rajalakshmi Engineering College, Chennai delivered a special lecture for our students. Dr. M. Jayaraman, Principal, Prof.P.Jayachandar, Dean, Dr. M. Eswaramurthi, HoD(S&H) and YRC students participated in this programme.

## JCI



JCI Club commemorated the World Environmental Day on 5.6.2023. Dr. M. Eswaramurthi, HoD (S&H), JCI Club Coordinator and around 130 JCI members participated in this programme. Jc. Deepak, Zone Director and Jc. HCF Logesh Manoharan Provisional Zonal Trainer delivered a special address and donated plant saplings to the students. JCI Club organized a women awareness

programme on 5.6.2023. Dr. M. Eswaramurthi, HoD (S&H), Jc.M.Rajendra Prasad, JCI Club Coordinator and around 100 first year girl students participated in this programme. Dr.Tamilselvi Sethupathy, M.D., D.G.O Obstetrician and Gynaecologist, CK Hospital, Erode delivered a special address to the students.



## RED RIBBON CLUB

In connection with World Environmental Day, Erode Forest Department and VCET organized a Cleanliness Programme at Vellode Bird sanctuary, Erode on 05.06.2023. In this programme, Red Ribbon Club, Green Club and Youth Red Cross volunteers of our college cleaned up the Chennimalai forest region.



## ROTARACT CLUB

The Rotaract Club received a certificate of appreciation for Care via Rotaract and Gift of Heart for the year 2022-2023 by Rotary International District 3203. The Rotaract Club in collaboration with Akhila Bharatha Ayyappa Seva Sangham from Arachalur, cleaned up the areas in and around Chennimalai temple on 02.07.2023. This event was conducted to create an awareness on the cleanliness of surroundings among the people. The Rotaract Club students volunteered at the Mobile Crematorium Inauguration on 07.07.2023 in Erode Municipal Corporation and Rotary Athma Foundation, Kaverikkarai, Erode. The birth anniversary of Karmaveerar Kamarajar was celebrated at Panchayat Union Elementary School, Nanjanapuram on 14.07.2023. The Rotaract Club in collaboration with PSG Hospital, Coimbatore organized an 'Organ Donation Awareness Programme' on 11.07.2023 to create an awareness on organ donation and the procedures behind it.



## VIRTUAL FACULTY DEVELOPMENT PROGRAMME

### Mathematics

- Ms.K.Malarkodi Valentina attended an AICTE recognized FDP on 'Research Methodology and Ethics in Research Publications' organized by Department of CSE, VCET from 15.05.2023 to 19.05.2023.

### Chemistry

- Dr.S.Kalai selvi attended a 12 week FDP on 'Coordination Chemistry' organised by SWAYAM-NPTEL.

## SEMINAR / WEBINAR

### Chemistry

- Ms. M. Gowri attended a webinar on 'Writing a Successful Project Proposal' organised by SRM Madurai College for Engineering and Technology, Sivagangai on 24.04.2023.

## CONFERENCE

### Mathematics

- Mr.K.Vetri presented a paper titled 'Automated Edge Detection Technique using Fractional Musk in Fuzzy Domain' in an International Conference on Discrete Mathematics and Mathematical Modelling in Digital Era held at The Gandhigram Rural Institute, Dindigul from 23.03.2023 to 25.03.2023.

## JOURNAL PUBLICATION

### Physics

- Dr.Thangaraj N 'Effect of Electrolyte Additives on Structural and Magnetic Properties of Cobalt Ferrous Tungsten Phosphorous based Thin Films', Digest Journal of Nanomaterials and Biostructures, Vol.18, No.1, Pg.No.173-182, January-March 2023.
- Kirthika P, Dr.Thangaraj N 'Influence of Bath Temperature and Deposition Time on Hardness and Magnetisation of Electrodeposited Nickel Manganese Tungsten Thin Films', Journal of Ovonic Research, Vol.19, No.2, Pg.No. 231-238, March- April 2023(SCIE).
- Dr.Thangaraj N 'Synthesis and Characterization of Ferrous Manganese Tungsten Thin Films for Magnetic MEMS Devices', Journal of Ovonic Research, Vol.19, No.3 Pg.No.253-258, May-June 2023(SCIE).
- Dr.Devi S, Dr.Deepa Jananakumar 'Growth and Characterization of Oxalic acid Doped Guanidine Carbonate (OGC) Single Crystal', Materials Today Proceedings, ISSN No. 2214-7853(online) May 2023 (SCOPUS).

### Chemistry

- Ms. Priya M, Dr. Kalai Selvi S ‘Comparative Investigation of Thermodynamic Parameters of Seafood Waste as an Inhibitor for Mild Steel Corrosion in Varied Acidic Concentration’, Oriental Journal of Chemistry, ISSN 0970 - 020XE - ISSN : 2231-5039, Vol.38, Issue 5, Pg. No. 1290-1295, September 2022.
- Dr. Kalai Selvi S, ‘Treatment of Textile Dyeing Wastewater using a Low-Cost Adsorbent’, Materials Today: Proceedings, International Journal, ISSN : 2214-7853, 2022.

### NPTEL

- Dr.S.Kalai Selvi successfully completed a 12 week NPTEL Course on ‘Coordination Chemistry’ and certified with an Elite plus Silver Medal.

### ACADEMIC PERFORMANCE TOPPERS LIST 2022-23 (EVEN)

S. No.	REG. No.	NAME	BRANCH	GPA	RANK
1	732922ADR038	PRIYA S	AI&DS	<b>9.05</b>	I
2	732922ADR022	KEERTHIKA M		9.05	I
3	732922ADR053	SUBHAASHREE S		8.98	II
4	732922ADR023	MADHUSHRI K		8.95	III
5	732922BMR028	DIVIJA N	BME	9.39	I
6	732922BMR004	ABISHA J		9.34	II
7	732922BMR047	KARISHMA SELVAM S		9.34	II
8	732922BMR062	LEELAVATHY N		9.25	III
9	732922CER024	SAKTHI R	CIVIL	8.51	I
10	732922CER009	ELAKKIYAA S J		8.44	II
11	732922CER015	MADHU BALAJI K		8.35	III
12	732922CSR066	LOGAMITRA K M	CSE	9.45	I
13	732922CSR069	MANOSHREE S		9.24	II
14	732922CSR095	SHAKTHI VARSHAA R		9.21	III
15	732922CSR013	BRINDHA V C	ECE	9.21	III
16	732922ECR035	ESTHERGRACE S		9.67	I
17	732922ECR166	SUREGA D		9.60	II
18	732922ECR055	JEEVA JANANI	EEE	9.45	III
19	732922EER034	MONALISA M P		9.00	I
20	732922EER037	PRAKASH RAAJ V D		8.60	II
21	732922EER018	DILSHA BEGUM R	IT	8.40	III
22	732922ITR122	VISMITA A		9.33	I
23	732922ITR053	KEERTHANA D G		9.24	II
24	732922ITR028	HANSIKA M J		9.02	III
25	732922ITR059	MADHUMITHA B	MDE	9.02	III
26	732922MDR049	VISWA GANESH S		8.91	I
27	732922MDR002	ANANYA M		8.87	II
28	732922MDR012	DHIVYA THARSHINI M	MECH	8.84	III
29	732922MER025	LALIT KUMAR SINGH		9.05	I
30	732922MER004	ARUNRAGAVETHIRAN A S		9.03	II
31	732922MER032	MYSUKANTH K		8.64	III

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