

# ESEC Campus Chronicle



## ANRF-Sponsored National Workshop on Multimodal XAI for Occupational Safety – Day 3 Highlights



The Department of Mechanical Engineering organized an **ANRF-Sponsored Three-Day National-Level Workshop** on “**Multimodal XAI-Augmented Ergonomic Architecture for Musculoskeletal and Thermoregulatory Risk Assessment in Occupational Safety and Healthcare**” on 28th, 29th & 30th January 2026.

The **Day 3 Forenoon** Session featured the topic “**Thermoregulatory Stress Prediction using ML and Wearable Temperature Data.**” The session was delivered by the **Chief Guest, Dr. R. Manjula Devi, Professor, CSE, KPR Institute of Engineering and Technology, Coimbatore.**

She explained how machine learning and wearable temperature sensors help in predicting thermal stress and improving occupational safety and healthcare monitoring.

The session provided valuable exposure to smart PPE, real-time sensing, and AI-driven ergonomic applications for students and faculty.

## IT Department Conducts Extension Activity on Nutrition and Organic Food Awareness at Veerappampalayam School



Today, the Department of Information Technology (II Year – A Section) conducted an Extension Activity at Panchayat Union Primary School, Veerappampalayam, focusing on Nutrition and Organic Food Awareness.

The students interacted with school children to explain the importance of healthy eating habits and the benefits of organic food in daily life. As part of the program, stationery items were distributed to encourage learning and support the students.

The activity promoted health awareness while strengthening social responsibility and community engagement among the IT students.

## ECE Department Hosts Two-Day Hands-On Training on “Unlocking the Cloud: AWS Essentials for Beginners”



On behalf of the **Department of Electronics and Communication Engineering (ECE)**, a two-day hands-on training program titled “Unlocking the Cloud: AWS Essentials for Beginners” was successfully conducted to introduce students to the fundamentals of cloud computing and Amazon Web Services (AWS).

The program was handled by eminent resource persons: **Mr. Hariharan Kanna, System Engineer – Infosys BPM (I Source Infosystems Pvt. Ltd.), Bangalore**, and **Mr. Vijayshankar V, Founder and Managing Director, Vijay Technocraft, Coimbatore**. They provided practical exposure to AWS services, cloud infrastructure, deployment basics, and real-time industry applications.

The sessions helped students gain hands-on experience with cloud platforms, improving their technical competence and industry readiness in modern computing technologies.

## IT Department (II Year B) Conducts Pond Cleaning and Tree Plantation Drive at Periya Sadampalayam



Today, the **Department of Information Technology (II Year – B Section)**, in collaboration with the **Erode Corporation**, conducted an **Extension Activity at Periya Sadampalayam**, focusing on **Pond Cleaning and Tree Plantation**.

Students actively participated in cleaning the pond area and planting saplings to promote environmental sustainability and ecological awareness. The initiative aimed to create a cleaner surrounding and encourage responsibility towards nature among students and the local community.

The activity strengthened teamwork, civic responsibility, and the importance of protecting natural resources for future generations.

## Biomedical Engineering Department Conducts Extension Activity at Manashanti Illam Trust, Gobichettipalayam



The **Department of Biomedical Engineering (II Year – B Section)** organized an **Extension Activity at Manashanti Illam Trust – Anbu Special School, Gobichettipalayam**.

The students interacted with the children and staff, creating awareness and sharing meaningful time to support and motivate the special students. The activity aimed to encourage social responsibility and empathy among budding biomedical engineers while contributing positively to the community.

The visit provided a memorable and enriching experience for both the students and the beneficiaries.

## Dr. Muthukumar Visits CDAC Qubit Lab, Bangalore for Qniverse Certification Collaboration



**Dr. Muthukumar** visited the **CDAC Qubit Lab, Bangalore**, as a mark of appreciation for successfully conducting the **Qniverse Developer Certificate Examination** in collaboration with **CDAC, Bangalore** during the month of **November**.

The visit strengthened the academic and industry partnership, focusing on emerging technologies in quantum computing and advanced research infrastructure. Dr. Muthukumar interacted with the CDAC team and explored the Qubit Lab facilities, gaining insights into quantum technology initiatives and future collaborative opportunities.

The interaction highlighted the institution's commitment to fostering innovation, certification programs, and industry-integrated learning for students.

## AI & DS Department Conducts Extension Activity at Panchayat Union School, Ponmudi



The **Department of Artificial Intelligence and Data Science (AI & DS)** organized an **Extension Activity** for school students at the **Panchayat Union School, Ponmudi, Perundurai**.

The program aimed to create awareness among young students about technology, learning motivation, and basic digital concepts in an interactive manner.

Faculty and students engaged with the school children through simple activities and demonstrations, encouraging curiosity and interest in modern technologies.

The initiative promoted community outreach while inspiring school students toward future education and innovation.

## AI & DS Department Conducts Environmental Extension Activity at Permanallur



The **Department of Artificial Intelligence and Data Science (AI & DS)**, in coordination with the **Environment Team Members, Permanallur Area**, organized an **Extension Activity** focusing on **Temple Cleaning, Tree Plantation near the School, and General Cleaning Activities**.

Students and volunteers actively participated in cleaning the temple premises and surrounding areas, planting saplings near the school campus, and creating awareness on environmental responsibility.

The initiative aimed to promote cleanliness, greenery, and sustainable practices within the local community.

The program encouraged social responsibility and teamwork while contributing to a healthier and greener environment.



## Civil Engineering Department Organizes Guest Lecture on “Structural Design and Detailing”



The **Department of Civil Engineering** organized a **Guest Lecture** on the topic “**Structural Design and Detailing**” to enhance students’ understanding of practical aspects in modern construction and structural engineering.

The session focused on design concepts, detailing practices, and real-world applications in civil projects, helping students bridge the gap between theory and industry requirements.

The lecture enriched the technical knowledge of students and encouraged professional excellence in the field of civil engineering.

## EEE Department Conducts Project Expo Extension Activity at Lakkapuram School, Erode

As part of its extension activities, the **Department of Electrical and Electronics Engineering (EEE)** organized a **Project Expo** by **Second Year EEE students** at the **Government Higher Secondary School, Lakkapuram, Erode**.

The students demonstrated innovative engineering projects to school students, explaining basic electrical and electronic concepts in an interactive and practical manner. The expo motivated young minds to explore technology and engineering while strengthening community outreach and knowledge sharing.

The activity enhanced communication skills among EEE students and inspired school students toward higher education in engineering.

## ECE Students Win First Prize at Project Presentation, Jai Shriram Engineering College



**Esakiganeshan R and Bharanidharan R of III Year ECE – A** secured **First Prize** along with a **cash reward of Rs. 1000** in a **Project Presentation** held at **Jai Shriram Engineering College, Tiruppur**.

Their innovative project and excellent presentation skills impressed the judges, earning them top honors. This achievement highlights the students’ creativity, technical expertise, and dedication to engineering excellence.

**Congratulations to Esakiganeshan and Bharanidharan** for bringing pride to the department and the institution

## BME Students Win Second Prize at Project Presentation, Jai Shriram Engineering College



**Mekala A and Nathiya C of III Year Biomedical Engineering (BME)** secured **Second Prize** along with a **cash reward of Rs. 750** in a **Project Presentation** held at **Jai Shriram Engineering College, Tiruppur**.

Their innovative project and effective presentation impressed the judges, earning them a well-deserved runner-up position. This achievement reflects their creativity, technical skills, and dedication to excellence in biomedical engineering.

**Congratulations to Mekala and Nathiya** for bringing honor to the department and the institution



## Civil Engineering Students Win First Prize in Paper Presentation at Jai Shriram Engineering College



**Mukundhan M P, Akshaya, and Devadharshini S** of III Year BME secured **First Prize** along with a **cash reward of Rs. 1000/-** in a **Paper Presentation** organized by the **Civil Engineering Department** at **Jai Shriram Engineering College**.

Their well-researched paper, innovative ideas, and confident presentation impressed the judges, earning them the top position.

This accomplishment reflects their dedication, technical knowledge, and teamwork.

**Congratulations to Mukundhan, Akshaya, and Devadharshini** for bringing pride to their department and institution.

## College Basketball Men's Team Secures First Place in VCET Trophy Tournament



Our college **Basketball Men's Team** secured **First Place** in the **VCET Trophy Basketball Tournament** held at **Velalar College of Engineering and Technology, Thindal**.

The team showcased excellent skill, coordination, and sportsmanship throughout the tournament, overcoming strong competition from various institutions.

Their dedication and teamwork led them to lift the championship trophy with pride.

This achievement reflects the institution's commitment to promoting sports excellence and encouraging student participation in competitive events.

**Congratulations to the players and coaches** for their outstanding performance.

## Basketball Women's Team Secures Second Place in VCET Trophy Tournament



Our college **Basketball Women's Team** secured **Second Place** in the **VCET Trophy Basketball Tournament** held at **Velalar College of Engineering and Technology, Thindal**.

The team demonstrated excellent teamwork, skill, and perseverance throughout the tournament, competing with strong opponents from various institutions. Their consistent performance earned them the runner-up position.

This achievement reflects the institution's continuous support for women's sports and competitive participation. Congratulations to the players and coaches for their impressive performance.

## Volleyball Women's Team Clinches First Place in VCET Trophy Tournament



Our college **Volleyball Women's Team** secured **First Place** in the **VCET Trophy Volleyball Tournament** held at **Velalar College of Engineering and Technology, Thindal**.

The team exhibited outstanding coordination, skill, and determination throughout the matches, overcoming tough competition from various colleges. Their dominant performance led them to lift the championship title with pride.

This victory highlights the institution's strong encouragement of women's sports and athletic excellence. Congratulations to the players and coaches for their remarkable achievement.

## Handball Men's Team Secures Second Place in SNS Trophy Intercollegiate Tournament



Our college **Handball Men's Team** secured **Second Place** in the **SNS Trophy Intercollegiate Handball Tournament** held at **SNS College of Technology, Coimbatore**.

The team showcased excellent coordination, skill, and sportsmanship throughout the tournament, competing strongly against teams from various colleges. Their outstanding performance earned them the runner-up position.

This achievement reflects the institution's commitment to promoting sports excellence and encouraging student participation in competitive events. Congratulations to the players and coaches for their commendable effort.

## ESEC Faculty Receives NPTEL PROSPECT Award from IIT Madras



**Dr. S. Navaneethakrishnan, ASP - Mechanical Department**, proudly received the **NPTEL PROSPECT Award** on behalf of **ESEC** from **IIT Madras**.

The award recognizes outstanding contributions in completing NPTEL courses and promoting online learning excellence. This achievement highlights the faculty's commitment to continuous professional development, technical expertise, and fostering a culture of knowledge-sharing among students and peers.

ESEC congratulates **Dr. S. Navaneethakrishnan** for bringing honor to the institution and inspiring both faculty and students toward academic and professional excellence.

## Ms. S. Revathi Attends NPTEL STAR Workshop at IIT Madras



**Ms. S. Revathi, Assistant Professor - AIML Department**, attended the **NPTEL STAR Workshop** held at **IIT Madras**.

The workshop provided advanced insights into online teaching, course development, and effective learning strategies through the NPTEL platform. Participation in such initiatives demonstrates the faculty's commitment to continuous professional development, enhancing both teaching quality and student learning experiences.

ESEC congratulates **Ms. Revathi** for representing the institution at this prestigious workshop.

## EEE Faculty Attend NPTEL Workshop and Receive STAR Certificates from IIT Chennai

The **Department of Electrical and Electronics Engineering (EEE)** proudly announced that the following faculty members attended the **NPTEL Workshop** and received their **NPTEL STAR Certificates** from the **Indian Institute of Technology, Chennai**:

1. Dr. P. Selvan
2. Dr. S. Karthick
3. Mr. E. Immanuel Bright
4. Mrs. K. Preetha



Their participation highlights a commitment to continuous professional development and excellence in teaching. These certifications reinforce their expertise and contribute to enhancing the quality of education at ESEC.

Congratulations to the faculty members for this notable achievement.

## Tamil Nadu Government Distributes Free Laptops to Students



The Government of Tamil Nadu continues its strong commitment to digital education through its Free Laptop Distribution Scheme for students. The initiative aims to bridge the digital divide and empower young minds with modern technology for learning, research, and skill development.

Under this scheme, eligible students studying in government and government-aided institutions receive laptops free of cost.

The program supports students across various disciplines including Engineering, Arts and Science, Polytechnic, ITI, Agriculture, Law, and allied fields. By providing access to personal computing devices, the government ensures that students can participate effectively in online learning, project work, and career preparation.

## ANRF Grants Sanctioned to ECE Faculty Members

We are proud to announce that **Ms. Amsaveni, Assistant Professor, ECE**, has received a **research grant of ₹2,00,000 sanctioned by the Anusandhan National Research Foundation (ANRF)** for her innovative research proposal.

This achievement reflects her dedication to academic excellence and contribution to advanced research in the field of Electronics and Communication Engineering.

In addition, **Dr. Senthilvelavan and Ms. Rani Selvanayagi** have also been awarded **₹1,40,000 in research funding from ANRF** for their collaborative research work. Their project focuses on developing practical solutions and strengthening research culture within the institution.

These prestigious grants from ANRF encourage faculty members to pursue impactful research, innovation, and technology development.

The institution congratulates the awardees for their commendable efforts and for bringing recognition through funded research projects.

We wish them continued success in their research journey and future academic contributions.

## WEC & Department of ECE Conduct Awareness Seminar on “Health is Power”



The Women Empowerment Cell (WEC) in association with the Department of Electronics and Communication Engineering (ECE) successfully organized an awareness seminar titled **“Health is Power”** at the ECE Seminar Hall.

The programme aimed to highlight the importance of physical, mental, and emotional well-being among students and faculty members.

The session was graced by the presence of the **Chief Guest, Dr. Roshini Karthikeyan, Coimbatore**, a renowned health professional and motivational speaker.

She delivered an inspiring and informative talk on maintaining a healthy lifestyle in today's fast-paced academic and professional environment.

Dr. Roshini emphasized balanced nutrition, stress management, regular exercise, and positive thinking as key pillars of a powerful and productive life.



## III Year Students Win Second Prize in “Gramiya Nadana” Dance Competition



We are delighted to announce that our **III Year students** secured **Second Prize with a cash reward of ₹2,000** in the “Gramiya Nadana” Dance Competition held at **Vellalar College for Women**. The event provided a vibrant platform for students to showcase their cultural talent and teamwork.

The students impressed the judges and audience with their energetic performance, reflecting traditional art, coordination, and creativity. Their dedication and passion brought pride and recognition to the institution.

### Prize Winners:

1. **Chandru – III BME**
2. **Gayathiri – III BME**
3. **Hemaraj – III BME**
4. **Madhanika – III BME**
5. **Bhuvaneshwari – III BME**
6. **Meenumathi – III ECE**

The management, faculty members, and students congratulate the team for their excellent achievement and wish them continued success in academics and cultural activities.

## Value Added Course on “Calibration and Troubleshooting of Biomedical Equipment” – Day 1 Highlights



The **Department of Biomedical Engineering** successfully organized a **Value Added Course on “Calibration and Troubleshooting of Biomedical Equipment”**, aimed at enhancing students’ practical and industry-relevant skills. The session was handled by **Mr. Boopathi Sakthivel, Founder, Prashan Medical Technologies, Coimbatore**, who shared his professional expertise and real-time insights with the participants.

The program focused on the importance of calibration, preventive maintenance, and effective troubleshooting methods for biomedical equipment used in healthcare environments. Students gained hands-on exposure to identifying faults, understanding safety standards, and improving operational efficiency of medical devices.

The Day 1 session was interactive and informative, providing valuable learning experiences that bridge the gap between academic concepts and real-world applications. The event encouraged students to develop technical confidence and problem-solving skills in biomedical instrumentation.

The Department thanks the resource person and participants for making the first day of the program engaging and successful.

## Department of ECE Organizes Awareness Seminar on “The New Addiction Triangle: S3”



The Department of Electronics and Communication Engineering (ECE) organized an awareness seminar on “The New Addiction Triangle: S3” at the Main Block Seminar Hall.

The session was led by the Chief Guest, **Dr. S. Karthikeyan, Coimbatore**, who spoke about modern-day addictions and their effects on students’ health and academic life.

The seminar created awareness on responsible habits, self-control, and maintaining a balanced lifestyle in today’s digital world. Participants found the session informative and motivating.

## Department of Biotechnology Hosts Webinar on “Waste to Wealth: Circular Economy for a Sustainable Future”

The Department of Biotechnology, in association with the Bioforge Association, organized a webinar titled “**Waste to Wealth: Circular Economy for a Sustainable Future.**” The session was delivered by **Dr. Sneha Unnikrishnan, Postdoctoral Researcher, University College Dublin, Ireland.**

The webinar focused on innovative strategies to transform waste into valuable resources using circular economy principles.

Dr. Sneha highlighted how waste substrates can be efficiently converted into **single-cell protein by producing yeast biomass**, which can be utilized as **nutritious cattle feed**. This approach not only reduces waste but also supports sustainable agriculture and environmental responsibility.

The session provided students with practical insights into biotechnology-driven sustainability solutions and encouraged them to think innovatively about resource utilization for a greener future.

The event was informative and encouraged students to prepare themselves for global opportunities through language learning.

## Career Guidance Cell Conducts Awareness Session on “Learning Japanese: Academic, Industrial & Employment Opportunities”



The Career Guidance Cell organized an awareness session on “**Learning Japanese: Academic, Industrial & Employment Opportunities**” at the Main Block Seminar Hall.

The session aimed to introduce students to global career prospects through foreign language skills.

The programme featured **Mr. Kumar Palanisamy, CEO – iTokyo Academy, Coimbatore**, as the resource person. He explained the importance of learning Japanese for higher studies, industrial exposure, and employment opportunities in India and abroad.

The session motivated students to explore international career paths and enhance their professional competencies.

## Empowering Awareness: One-Day Training on Menstrual Hygiene Management and Anti-Drug Awareness



The Women Empowerment Cell, Anti-Sexual Harassment Cell, and Tamilnadu Corporation for Development of Women Ltd., Erode, jointly organized a one-day training programme on “**Menstrual Hygiene Management and Anti-Drug Awareness**.” The programme aimed to promote health, dignity, and responsible lifestyle practices among students and staff.

The session was led by **Mr. S. Sureshkumar, District Resource Person, Tamilnadu State Rural Livelihoods Mission (TSRLM), Erode**, who delivered an insightful and interactive awareness talk. He equipped the participants with correct knowledge and practical guidance on safe, hygienic, and dignified menstrual health management.

The session addressed myths, health risks, proper usage and disposal of sanitary products, nutrition, and the importance of breaking social stigma surrounding menstruation.

In addition, the programme emphasized **Anti-Drug Awareness**, educating participants about the dangers of drug abuse and its impact on physical, mental, social, and academic life.

Mr. Sureshkumar highlighted the importance of prevention, resisting peer pressure, reducing addiction rates, and building a safe and healthy environment within the campus and society.

## Mock Interview Session for III Year Students at the Auditorium



To enhance the employability skills and interview readiness of the students, the institution is conducting **Mock Interview Sessions for III Year students** at the College Auditorium. The programme is designed to provide practical exposure to real interview environments and help students gain confidence before attending campus placements and industry recruitment drives.

During the session, students are assessed on communication skills, technical knowledge, body language, attitude, and problem-solving ability. The mock interviews simulate actual corporate interview processes, enabling students to understand employer expectations and identify areas for improvement.

Expert panel members interact with students individually and offer constructive feedback on performance, resume presentation, and professional etiquette. The initiative supports students in overcoming fear, improving self-presentation, and preparing strategically for future career opportunities.

## M.Tech Students Secure Prestigious Internship at NITTTR, Chennai

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S.NO	Name of The Student	Year & Department	Domain	Date
1.	Soreya Mahi S A	IV M.TECH CSE	Cloud Computing	05.01.2026 to 28.02.2026
2.	Narashimam M	IV M.TECH CSE	Cloud Computing	05.01.2026 to 28.02.2026
3.	Raghava Simban S	IV M.TECH CSE	Cloud Computing	05.01.2026 to 28.02.2026
4.	Ajoun E	III M.TECH CSE	UI/UX Design	05.01.2026 to 28.02.2026
5.	Prithviji R	III M.TECH CSE	Frontend Development	05.01.2026 to 28.02.2026
6.	Vikram S	III M.TECH CSE	Web Development	05.01.2026 to 28.02.2026
7.	Pradeep S	III M.TECH CSE	Web Development	05.01.2026 to 28.02.2026
8.	Thalasinman S	III M.TECH CSE	Web Development	05.01.2026 to 28.02.2026

We are proud to announce that our M.Tech students have received internship offers from the **National Institute of Technical Teachers Training and Research (NITTTR), Chennai** for a duration of **two months**.

This opportunity provides valuable exposure to advanced research, technical training, and professional development in a premier national institute.

We extend our heartfelt congratulations to the students and appreciate the dedicated efforts of the **IIPC Coordinator, Ms. Raghapriya, M.Tech (CSE)**, whose guidance and coordination made this achievement possible.

Such accomplishments reflect our institution's commitment to academic excellence, industry interaction, and career-oriented learning for our students.

## M.Tech Students Secure Prestigious Internship at NITTTR, Chennai

The Department of Electrical and Electronics Engineering proudly announces that the following **IV Year EEE students** have received the **Best Paper Award** at the **3rd International Conference on Advancement in Science, Engineering and Management**, organized by **Vidhya Vihar Institute of Technology, Bihar**, held on **30th and 31st January 2026**.

### Award Winners:

1. Puvanesan R M
2. Nishanth V
3. Sriram T

Their outstanding research presentation and technical contribution were highly appreciated by the panel of experts and participants. The department congratulates the students for their remarkable achievement and for bringing laurels to the institution through academic excellence and innovation.

## III Year Chemical Students Achieve 100% Pass in VANI VIKAS Hindi Spoken Exam

We are happy to inform that the **III Year Chemical Engineering students** of our college appeared for the **VANI VIKAS Hindi Spoken Examination - Level 1**, conducted by **Shabari Siksha Sansthan, Salem**. The results were announced today with an excellent performance by our students.

### Result Highlights:

Total Students Appeared: **31**

Result: **100% Pass**

First Class: **03**

Second Class: **15**

Third Class: **13**

The students have demonstrated commendable interest and proficiency in developing their Hindi communication skills, which will support their academic and professional growth. The department congratulates all the students and appreciates the efforts of the faculty members who guided them towards this achievement.



Stay Tuned for More Updates

## MOTIVATION CORNER

"Success usually comes to those who are too busy to be looking for it."

—Henry David Thoreau



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