

ESEC Campus Chronicle



VANI VIKAS - HINDI SPOKEN EXAM



The **III-Year Chemical Engineering students** are currently attending the **VANI VIKAS - Hindi Spoken Examination**. The examination is being conducted in a well-organized and disciplined manner, with enthusiastic participation from all students. Each student is actively engaging in the assessment, demonstrating their speaking abilities and applying the language skills they have developed through consistent practice.

This valuable initiative plays a significant role in enhancing students' Hindi communication skills, improving their pronunciation and fluency, and building confidence in spoken language. It also encourages students to develop better interpersonal communication abilities, which will be beneficial for their academic growth and future professional opportunities.

Overall, the **VANI VIKAS Hindi Spoken Examination** serves as an excellent platform for students to strengthen their language proficiency and self-confidence.

NCC Cadets Participated in Republic Day Parade



Our institution's **06 NCC cadets** proudly participated in the **Republic Day Parade** held at **CNC College, Erode**. The event was conducted with great patriotic spirit and discipline, showcasing unity, leadership, and national pride. Our cadets actively took part in the parade, representing our institution with dedication and enthusiasm.

I am extremely proud to inform that **Cadet J. A. Boobesuraja** had the honor of **leading the Republic Day Parade** as the **Senior of the SD group**. His leadership, confidence, and commitment were truly commendable and brought great recognition to our institution.

The participation of our NCC cadets in this prestigious event reflects their discipline, teamwork, and sense of responsibility toward the nation. It was indeed a proud and memorable moment for our institution.

Jai Hind

FAT (Factory Acceptance Test) activities



We are happy and proud to share that our **Robotics student, Ms. Vidhnuvarthini (2025 passed out)**, actively participated in **FAT (Factory Acceptance Test) activities** at the **GE Factory, Sharjah - UAE**. Her involvement reflects her strong practical knowledge and passion for robotics and automation.

This international industrial exposure provided her with hands-on experience in real-time testing, quality assurance, and advanced technological applications, highlighting our institution's commitment to preparing students for global industry standards.

We congratulate **Ms. Vidhnuvarthini** on her achievement and wish her continued success.

Visualization and Analysis of Quantum Computing Results Using Python



(27.01.2026), the Department of M.Tech Computer Science and Engineering successfully conducted a **Hands-on Workshop on "Visualization and Analysis of Quantum Computing Results Using Python"** for students and staff. The program provided practical insights into quantum computing concepts and Python-based analysis tools.

Mr. T. Rajan, B.E., M.E., (Ph.D), Lecturer, Computing & Engineering, University of West London, RAK Campus, UAE, served as the resource person and delivered an engaging session with hands-on training in visualizing and interpreting quantum computing results.

The workshop was highly interactive and beneficial, enhancing participants' technical knowledge and exposure to emerging trends in quantum technologies. The event concluded successfully with positive feedback from all attendees.

Ms. D. Ambika Awarded Ph.D. for Research on Themes in Anita Nair's Novels

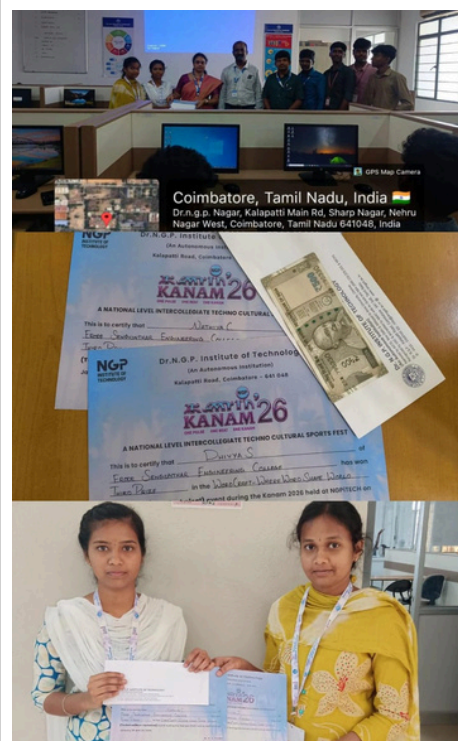


We are proud to announce that **Ms. D. Ambika, Assistant Professor, Department of English**, successfully defended her **Ph.D. thesis** today. Her research work is titled **"The Theme of Contentment, Serenity and Selfhood in Anita Nair's Ladies Coupe, Cut Like Wound and Lessons in Forgetting."**

Her study offers a deep literary analysis of Anita Nair's works, exploring significant themes of inner peace, personal identity, and self-realization. The successful defense of her doctoral research reflects her academic excellence, dedication, and contribution to literary scholarship.

We extend our heartfelt congratulations to Ms. D. Ambika on this remarkable academic achievement and wish her continued success in her future scholarly and professional endeavors.

III Year BME Students Win Third Prize in "Word Craft" at KANAM – Dr. NGP Institute of Technology



We are happy to inform you that **Ms. Divya S** and **Ms. Nathiya C** of **III Year BME** have secured the **Third Prize** in the event **"Word Craft"** at **KANAM**, conducted by **Dr. NGP Institute of Technology, Coimbatore**.

They were awarded a **cash prize of Rs. 500** for their excellent performance.

Their achievement reflects their creativity, communication skills, and competitive spirit. We appreciate their effort and dedication in representing our institution and bringing laurels to the department.

We congratulate **Ms. Divya S** and **Ms. Nathiya C** on their success and wish them continued achievements in the future.

Gopi P.K.R Arts College for Women Honors Meritorious Students in a Special Felicitation Ceremony



Gopi P.K.R Arts College for Women, accredited with **'A' Grade** by NAAC and affiliated with Bharathiar University, organized a grand felicitation ceremony to honor meritorious students who excelled in academics and co-curricular activities.

The programme was conducted with the objective of motivating students and recognizing their consistent efforts and achievements.

The event was graced by the presence of college management and senior faculty members. Mr. Suresh actively participated in the programme and supported the initiative to encourage and inspire the students.

The chief guest congratulated the award recipients and highlighted the importance of higher education in shaping confident, skilled, and socially responsible women.

During the ceremony, students were presented with certificates and mementos in appreciation of their performance. The management appreciated the dedication of the faculty in guiding students toward excellence and creating a supportive academic environment. The programme emphasized the values of discipline, teamwork, and innovation in achieving success in today's competitive world.

Application of Additive Manufacturing in Ergonomic Aspects of Product Design



An insightful technical session on **"Application of Additive Manufacturing in Ergonomic Aspects of Product Design"** was successfully conducted today, highlighting the role of additive manufacturing in enhancing ergonomic, customized, and innovative product design.

Chief Guest

Dr. T. Jagadesh, Assistant Professor – Grade I,

Department of Production Engineering, National Institute of Technology, Tiruchirappalli.

Dr. Jagadesh delivered an engaging lecture on modern manufacturing techniques and ergonomic product development, offering valuable insights into advanced design and industrial applications. The session was interactive and beneficial, enriching participants' technical knowledge and inspiring innovation.

ANRF-Sponsored National Workshop on Multimodal XAI for Ergonomic Risk Assessment



The Department of Mechanical Engineering is organizing an ANRF-Sponsored Three-Day National-Level Workshop on the advanced theme "Multimodal XAI-Augmented Ergonomic Architecture for Musculoskeletal and Thermoregulatory Risk Assessment in Occupational Safety and Healthcare." The workshop focuses on the integration of Explainable Artificial Intelligence (XAI) with wearable sensing, smart PPE, and fatigue prognostics to enhance occupational health and safety.

This program aims to provide participants with deep insights into AI-driven ergonomic risk assessment of musculoskeletal disorders (MSDs), especially for professional drivers and industrial workers using multimodal occupational health data. The sessions will explore how emerging technologies such as sensor fusion, intelligent protective equipment, physiological monitoring, and explainable models can support real-time risk evaluation and preventive healthcare strategies.

The workshop was inaugurated in the presence of the Chief Guest, Dr. T. Mohanraj, Associate Professor, Department of Mechanical Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore. In his address, Dr. Mohanraj highlighted the importance of combining engineering, healthcare, and AI to build safer workplaces. He emphasized how explainable AI can improve trust, transparency, and decision-making in ergonomic and occupational safety systems.

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 with active student participation.

The program introduced **cloud computing fundamentals** with practical exposure to **Amazon Web Services (AWS)**, covering core concepts, architecture, key services, security basics, and real-time applications. The sessions were handled by **Mr. Hariharan Kanna**, System Engineer – Infosys BPM, Bangalore, and **Mr. Vijayshankar V**, Founder and Managing Director, Vijay Technocraft, Coimbatore.

The interactive and hands-on sessions enhanced students' technical skills and industry readiness, and the program concluded successfully with positive feedback.

Global Entrepreneurship Award – Coimbatore



We are proud to share that our student **Sanjay** secured **First Prize** at the **Global Entrepreneurship Award** held in Coimbatore, winning a **cash prize of ₹1,00,000** for his innovative entrepreneurial idea.

We extend our sincere congratulations to Sanjay and his mentor **Dr. Suresh**, Incubation, for their guidance and support. The **Second Prize** was secured by **Kongu Engineering College**.

This achievement reflects our institution's strong focus on entrepreneurship and innovation, and we wish Sanjay continued success in his future endeavors.

ANRF-Sponsored National Workshop on Emotion-Aware AI in Gynecologic Surgery Successfully Completed



The ANRF-Sponsored Three-Day National-Level Workshop titled "From Da Vinci to Autonomy – A High Precision Emotion-Aware AI Framework Transforming Gynecologic Minimally Invasive Surgery Using E-XR," organized by the Departments of Computer Science and Engineering (CSE) and Electronics and Communication Engineering (ECE), was successfully completed with great participation and enthusiasm.

The workshop focused on the application of emotion-aware Artificial Intelligence, Extended Reality (E-XR), and autonomous systems in advancing gynecologic minimally invasive surgery. The sessions provided valuable insights into how AI-driven frameworks can enhance precision, safety, and decision-making in modern healthcare technologies.

The organizing team expresses sincere gratitude to the Management and the Principal for their constant support, guidance, and encouragement, which played a key role in the successful conduct of the program.

The event was formally inaugurated by Dr. S. Suresh and Dr. P. Thirumoorthy, whose presence and motivating address added significance to the workshop. Special thanks are extended to Dr. Saritha, HoD – BME, and the coordinators and faculty members Ms. Rohini, AP/CSE; Ms. G. Punitha Gowri, AP/CSE; Ms. Amsavali, AP/CSE; and Ms. Raghapriya N. R., AP/M.Tech, for their valuable support, coordination, and dedicated efforts toward the smooth organization of the workshop.

Students Selected in Zuci Systems, Chennai with 4 LPA Package



We are delighted to announce that our students have been successfully placed at Zuci Systems, Chennai, with an attractive salary package of ₹4 LPA.

Selected Students

Hari K – CSE

Janarthana – AI & DS

Their selection reflects their strong technical skills, dedication, and readiness to meet industry expectations. We appreciate their consistent efforts and the support of the faculty members who guided them throughout their academic journey.

We congratulate Hari K and Janarthana on this significant achievement and wish them great success in their professional careers at Zuci Systems.

Five M.Tech (CSE) Students Selected at ByteXL with 5 LPA Package



We are pleased to announce that **five M.Tech (CSE) students** have been successfully placed at **ByteXL** with an impressive **salary package of ₹5 LPA**.

The selections highlight the students' strong technical foundation, problem-solving skills, and industry readiness developed through their academic training. Their achievement reflects the continuous efforts of both the students and the department in preparing graduates for competitive career opportunities.

We congratulate all the selected students on this milestone accomplishment and wish them continued success in their professional careers at **ByteXL**.

Faculty Research Spotlight

Name: Dr. S. Deepankumar

Designation: **Assistant Professor & Head – Robotics and Automation**

We are proud to highlight the recent research achievement of Dr. S. Deepankumar, whose work has been published in a reputed peer-reviewed journal.

Article Title:

Hydrothermal Liquefaction and Gasification of Industrial Waste Algae: Experimental and AI-Assisted Optimization for Biofuel and Hydrogen Production

Journal:

Biomass Conversion and Biorefinery (Anna University Annexure Journal)

About the Research:

The study focuses on the sustainable conversion of industrial waste algae into biofuel and hydrogen using experimental methods combined with AI-assisted optimization. This approach improves energy efficiency while addressing environmental challenges related to industrial waste management.

The institution congratulates Dr. S. Deepankumar on this notable achievement and appreciates his continued contribution to sustainable, interdisciplinary research.

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MOTIVATION CORNER

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

—Henry David Thoreau



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