



# Excel<sup>TM</sup> ENGINEERING COLLEGE

(AUTONOMOUS)



Approved by AICTE, COA, NAAC, NBA - New Delhi & Affiliated to Anna University, Chennai

NH-544, Salem - Coimbatore Highway, Komarapalayam, Namakkal District - 637 303



# NEWS Bulletin

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# HON. CHAIRMAN'S MESSAGE



**PROF. Dr. A.K. NATESAN**

As we progress through each stage of our journey together, I am reminded of the strength, perseverance, and dedication that define our campus community. The way that everyone collaborates to make this institution an important center for development, education, and creativity is heartening. Remember that every effort you make today will lead to a better future, and that obstacles are stepping stones to success. Have faith in your skills, encourage one another, and never be afraid to dream large. When we work together, we can do amazing things.

Let positivity guide our actions, and let kindness be our strength. The future is as bright as the determination and hope we carry within.

Wishing you all continued success, happiness, and fulfilment. Let's keep moving forward with courage and enthusiasm.

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**Dr. N. MATHAN KARTHICK**  
Vice-Chairman

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Director, Excel Public School (CBSE)

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**Dr. C. KARTHIKEYINI**, Dean - Academics

**Dr. A. KARTHIKEYAN**, Head - IQAC

**Ms. G. REVATHI** - AP/English

# SHAPING SAFER FUTURES: ROAD SAFETY FOR YOUNG CITIZENS



The Department of Civil Engineering of Excel Engineering College organized an Outreach Non-Academic Event on 23rd October 2025 at Panchayat Union Middle School, Elanthakuttai, from 10:30 a.m. to 11:30 a.m. The event, themed “Shaping Safer Futures: Road Safety for Young Citizens,” aimed to educate school students on the importance of road safety, traffic rules, and responsible behaviour on the road.

A total of 16 Civil Engineering students from the First, Third, and Final year participated in the initiative. The session was conducted by Mrs. S. Poongodi, Headmistress, who provided an engaging and informative talk on traffic awareness, accident prevention, and the significance of following safety guidelines.

The program featured interactive discussions, demonstrations, and activities that helped students understand traffic signals, common causes of accidents, and the need for safe commuting practices. The event also highlighted the vital role civil engineers play in designing safe transportation systems and developing sustainable road infrastructure.

As part of the outreach effort, faculty members and students visited the nearby Panchayat Union Office to discuss collaborative measures for improving local road safety and enhancing public awareness. The initiative strengthened community engagement and encouraged students to contribute responsibly to society.

Overall, the event was a meaningful and impactful effort toward promoting road safety among young citizens.

# NATIONAL LEVEL TECHNICAL WORKSHOP ON “EMPOWERING FUTURE ENGINEERS WITH DRONE TECHNOLOGY”



The Department of Civil Engineering of Excel Engineering College organized a National Level Technical Workshop on “Empowering Future Engineers with Drone Technology” on 27th October 2025 at Kandhasamy Hall from 10:00 a.m. to 4:00 p.m. The workshop was designed to bridge the gap between academic knowledge and real-time technological applications, with a focus on modern surveying tools such as Drones, GPS, and Total Station.

A total of 86 participants, including both internal and external attendees, took part in the event. The workshop featured Er. S. S. Pravin, Surveyor, Digital Land Surveying, Coimbatore, as the resource person.

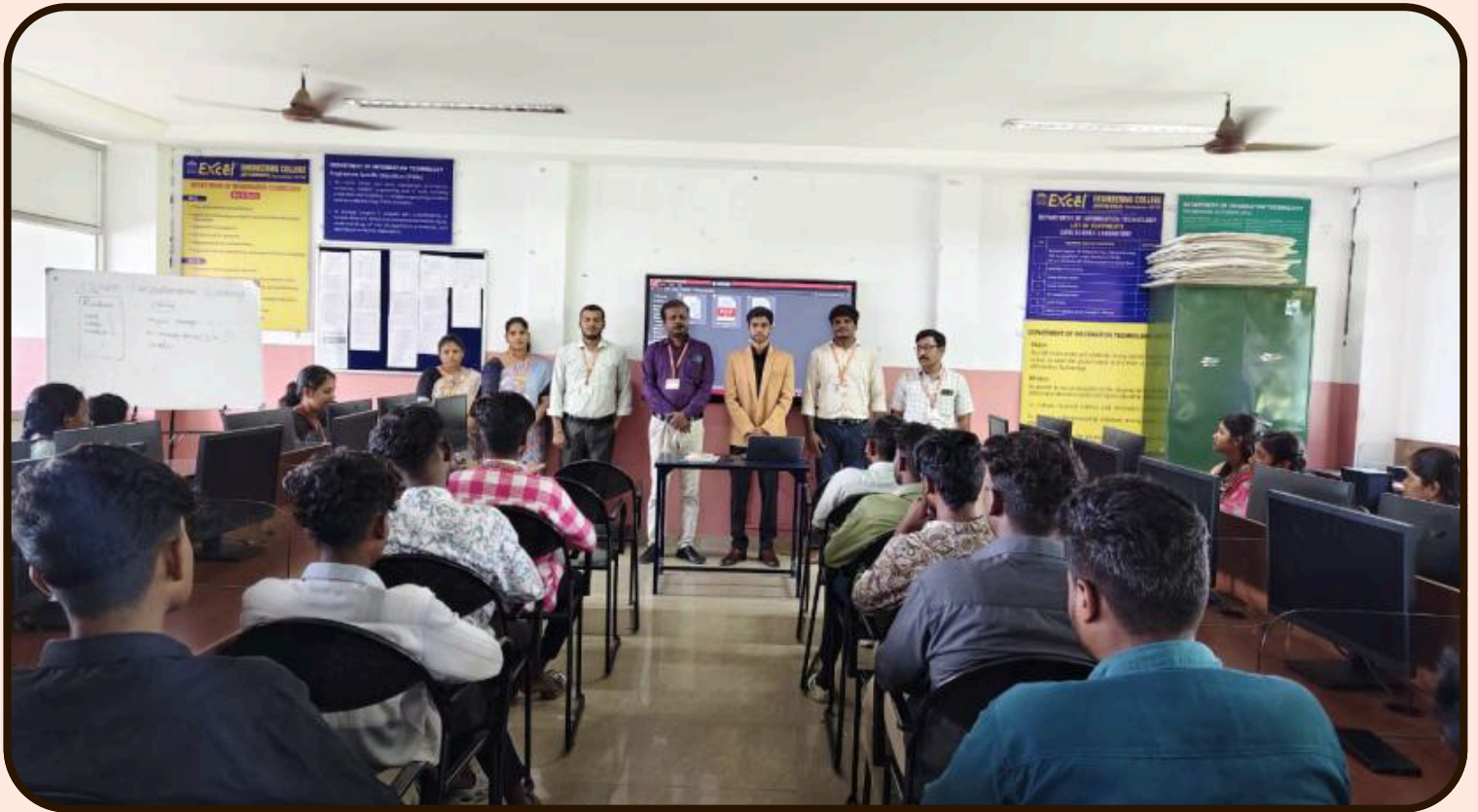
The inaugural session emphasized the growing significance of drone technology in infrastructure development, land surveying, and sustainable engineering practices. The expert speaker provided valuable insights into the design, operation, capabilities, and regulatory frameworks associated with unmanned aerial vehicles (UAVs).

Participants benefited from hands-on training sessions, which offered practical exposure to drone flight operations, mission planning, and the use of advanced surveying equipment. These sessions enhanced the students’ technical skills and encouraged innovative thinking in applying drone-based solutions to engineering challenges.

The workshop concluded with an interactive discussion and feedback session, reinforcing the transformative role of drone technology in shaping the future of civil engineering.

Overall, the event successfully enriched participants’ knowledge and strengthened their readiness for emerging trends in modern surveying and infrastructural development.

## SEMINAR ON “THE FUTURE OF AGI(ARTIFICIAL GENERAL INTELLIGENCE) WITH DEEP LEARNING”



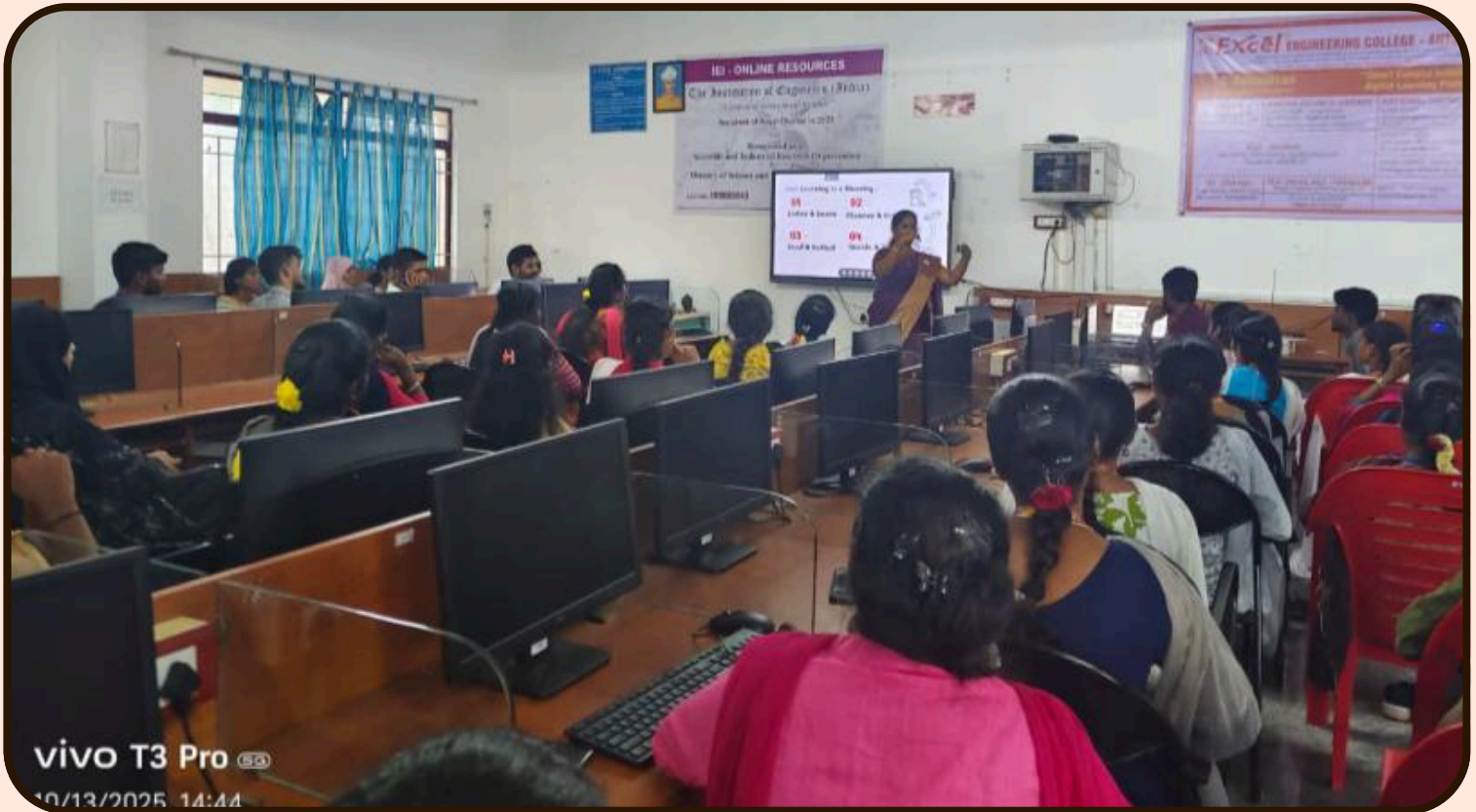
The Department of Information Technology organized an insightful seminar titled “The Future of AGI (Artificial General Intelligence) with Deep Learning)” on 9th October 2025. The session was delivered by Mr. Aberlin Babu, Lead Data Scientist and Founder of Dinvia, Coimbatore.

The speaker explained the fundamental differences between AGI and narrow AI, highlighting how deep learning is shaping the path toward human-like intelligence. He discussed advanced concepts such as neural networks, reinforcement learning, and ethical considerations surrounding AGI development.

Interactive demonstrations and real-time examples helped students gain a clearer understanding of current AI trends and the growing impact of deep learning technologies. The seminar concluded with a lively Q&A session, during which students explored various career opportunities in Artificial Intelligence and Data Science.

The event proved to be highly informative and inspiring, motivating students to pursue innovative research and development in the evolving field of Artificial Intelligence.

## SEMINAR ON “UNLOCKING THE POWER OF LIBRARIES: EFFECTIVE UTILIZATION FOR STUDENTS”



The Department of Agricultural Engineering, Excel Engineering College (Autonomous), organized a seminar titled “Unlocking the Power of Libraries: Effective Utilization for Students” on 13 October 2025. The programme began at 1.30 pm with a welcome address by Dr. K. P. Vishalakshi, Head of the Department. A total of 119 participants, including 12 faculty members and 107 internal students, attended the event, reflecting strong interest and enthusiasm.

The seminar featured insightful presentations that emphasized the significance of libraries in academic excellence and lifelong learning. Speakers elaborated on the purpose of education, the need for libraries, diverse information sources, electronic resources, and the various learning modes supported by library systems. Students also gained valuable awareness of the extensive resources, services, and digital facilities available at the V.K.R. Central Library, motivating them to make efficient use of these academic tools.

To further enhance student engagement, creative competitions such as Tamil Speech, Tamil Poetry, and Drawing were conducted, offering participants a platform to showcase their talents. The programme concluded at 4.25 pm with a vote of thanks proposed by Mr. V. Bharath, Assistant Professor, Department of Agricultural Engineering.

## INDUSTRIAL GUEST LECTURE ON “THE CRITICAL ROLE OF HAZWOPER IN MANAGING HAZARDOUS WASTE EMERGENCIES TO SUPPORT SUSTAINABLE INDUSTRIAL GROWTH AND ENVIRONMENTAL STEWARDSHIP”



The Department of Safety and Fire Engineering, Excel Engineering College, conducted an industrial guest lecture on 10.10.2025 to create awareness on the importance of HAZWOPER in managing hazardous waste emergencies. The session helped students understand how HAZWOPER standards support workplace safety, environmental protection, and sustainable industrial development.

An experienced industry professional explained key topics such as risk assessment, emergency response, contamination control, and post-incident recovery. Real-life examples and basic regulatory guidelines were shared to help students relate classroom learning to actual industrial practices.

The lecture provided a valuable opportunity for students to interact with an expert, gain practical knowledge, and understand the significance of proper safety procedures in industries handling hazardous materials. The event also highlighted the institution's commitment to safety, sustainability, and industry-oriented education.

## **ACADEMIC GUEST LECTURE ON “GREEN HYDROGEN GENERATION, UTILIZATION AND SAFETY CONCERNS”**



The Departments of Safety & Fire Engineering and Mechanical Engineering of Excel Engineering College (Autonomous), Komarapalayam, organized an Academic Guest Lecture on “Green Hydrogen Generation, Utilization & Safety Concerns” on 27th October 2025 at Paavaiammal Hall.

The session was delivered by Dr. P. Senthilkumar, Associate Professor & Deputy Director (CEAT), Department of Automobile Engineering, Madras Institute of Technology, Anna University, Chennai. He provided valuable insights into green hydrogen production technologies, its future potential in the energy sector, and the critical safety measures involved in hydrogen handling and applications.

The programme was coordinated by Dr. E. R. Sivakumar (ASP/SFE) and Mr. K. Arulkumar (AP/Mech) under the guidance of Dr. M. Kathiresan (HOD/Mech) and Dr. K. Boopathy (HOD/SFE). The event also received continuous support from Dr. M. S. Senthil Kumar (Dean/SCME), Dr. C. Karthikeyini (Dean Academics), and Dr. S. Anbu Karuppusamy (Dean Administration).

The lecture was highly informative and encouraged students to explore emerging opportunities in green energy and sustainable technologies. It also highlighted the importance of adopting clean energy solutions to ensure a safer and sustainable future.

## VALUE ADDED COURSE ON “PROCESS SAFETY MANAGEMENT (PSM)”



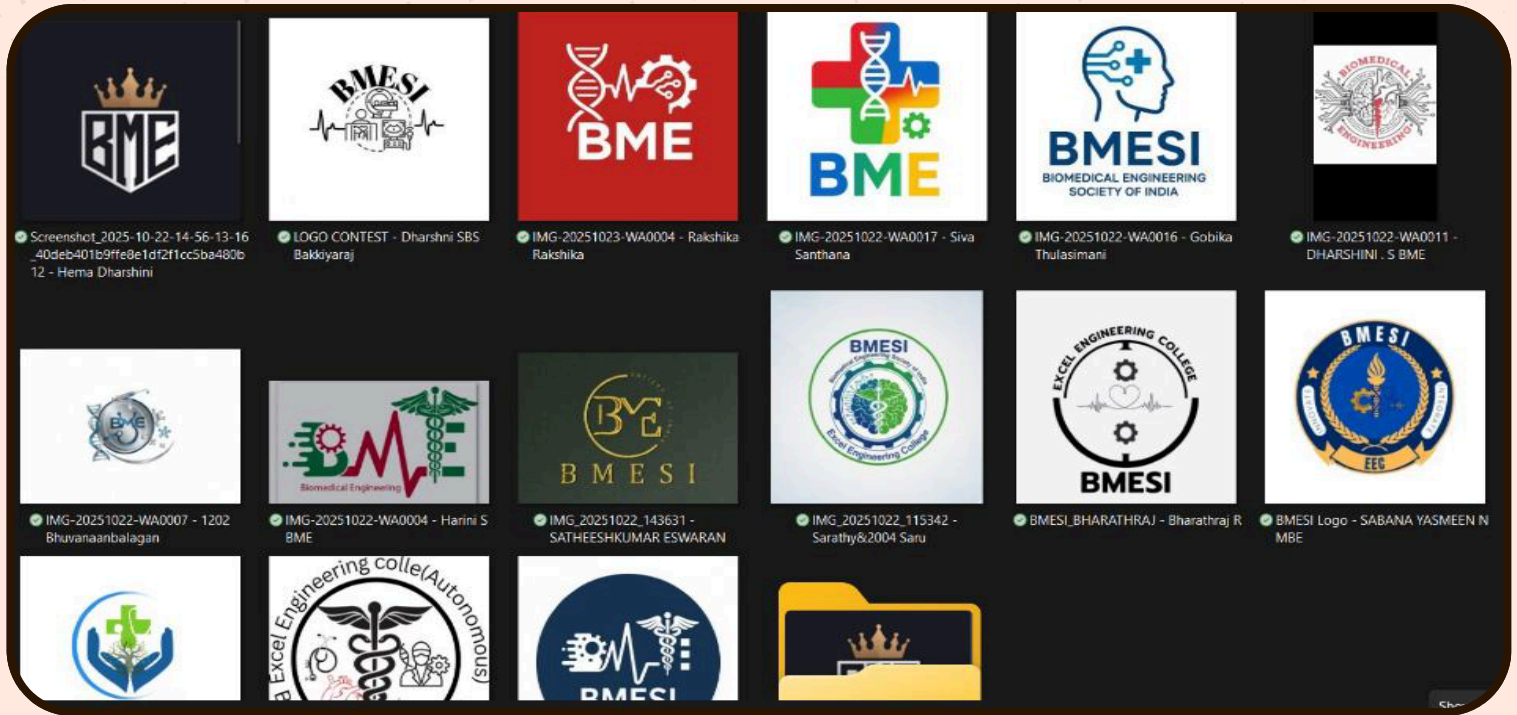
The Department of Safety and Fire Engineering of Excel Engineering College (Autonomous), Komarapalayam, organized a Value Added Course on “Green Hydrogen Generation, Utilization & Safety Concerns” on 02.08.2025, 30.08.2025, 13.09.2025, 11.10.2025, 25.10.2025, and 27.10.2025 at the Safety and Fire Engineering classroom, B3 403.

The course was coordinated by Mr. C. Boopathiraam (AP/SFE), Mr. M. Dinakaran (AP/SFE), and Mr. R. Venkatesh (AP/SFE) under the guidance of Dr. K. Boopathy (HOD/SFE). The programme also received valuable support from Dr. M. S. Senthil Kumar (Dean/SCME), Dr. C. Karthikeyini (Dean Academics), and Dr. S. Anbu Karuppusamy (Dean Administration).

Along with green hydrogen concepts, the programme introduced participants to the Process Safety Management (PSM) framework, designed to build awareness and competency in identifying and managing hazards associated with chemical processing and industrial operations. The sessions covered OSHA’s 14 key elements of PSM, including process hazard analysis, operating procedures, mechanical integrity, training, management of change, incident investigation, and emergency response planning.

The course enhanced students’ understanding of safe industrial practices and equipped them with the foundational knowledge required to develop effective safety management systems aligned with global standards and industry best practices.

## LOGO DESIGN CONTEST - ONLINE



The Department of Biomedical Engineering, Excel Engineering College, organized an online BMESI Logo Design Contest on 22nd October 2025 under the BMESI Student Chapter. The contest aimed to promote creativity and innovation among students by encouraging them to design a unique logo that represents the vision, mission, and values of the Biomedical Engineering Society of India (BMESI) and the Biomedical Engineering Department.

A total of 15 teams from I, II, III, and IV Year BME participated enthusiastically, submitting original digital logo designs along with brief concept notes. The entries were evaluated by faculty panel members based on creativity, originality, symbolism, and relevance to BMESI. After careful evaluation, the logo designed by III Year BME students – T. Sarathy, P. Lavanya, and A. Booja – was selected as the winning entry. The chosen logo will serve as the official BMESI–BME Excel Engineering College logo and will be used for all upcoming BMESI events, certificates, and communications.

The winning team received a Certificate of Appreciation for their creative contribution. The contest successfully encouraged teamwork, design thinking, and student engagement in shaping the visual identity of the BMESI Chapter.

The programme was organized by Ms. R. Gayathri Priyadarshini, BMESI Faculty Coordinator, AP/Biomedical Engineering.

## INAUGURATION OF BMESI STUDENT CHAPTER AND SEMINAR ON “REVOLUTION OF AI IN HEALTHCARE”



The Department of Biomedical Engineering, Excel Engineering College, in association with the Biomedical Engineering Society of India (BMESI), organized the Inauguration of the BMESI Student Chapter along with a seminar on “Revolution of AI in Health Care” on 23rd October 2025 at Kandasamy Hall (A/C).

The programme began with a prayer song, followed by a welcome address by Dr. G. Prakash, Head of the Department, Biomedical Engineering. Mrs. R. Gayathri Priyadarshini, Assistant Professor/BME and BMESI Faculty Coordinator, presented an overview of BMESI, explaining its mission, objectives, and the benefits of student membership. All student members then took the BMESI Pledge, affirming their commitment to ethical practices and innovation in biomedical engineering.

The BMESI Student Chapter was formally inaugurated by the Chief Guest, Dr. K. Bommanna Raja, Principal and Executive Director, Excel Engineering College. In his address, he highlighted the rising impact of Artificial Intelligence in modern healthcare systems.

The seminar on “Revolution of AI in Health Care” provided valuable insights into the role of AI in diagnostics, medical imaging, and patient care. Participants appreciated the session for its practical relevance and informative content.

The event was organized under the guidance of Dr. G. Prakash (HoD/BME) and coordinated by Mrs. R. Gayathri Priyadarshini and Mrs. K. Abirami, Assistant Professors/BME. The programme concluded positively, with encouraging feedback from both faculty members and students.

## HANDS-ON WORKSHOP TITLED “LIFE SAVERS IN ACTION: A HANDS-ON FIRST AID WORKSHOP FOR BIOMEDICAL ENGINEERS”



The Department of Biomedical Engineering, in association with Excel Nursing College and under the BMESI – Student Chapter, organized a Hands-On First Aid Workshop titled “Life Savers in Action: A Hands-On First Aid Workshop for Biomedical Engineers” on 24th October 2025 at APJ Abdul Kalam Hall (A/C).

The workshop aimed to equip Biomedical Engineering students with essential first aid and life-saving skills through interactive and practical sessions. The programme began with a welcome address by Dr. G. Prakash, Head of the Department, followed by an overview of the event by Mrs. R. Gayathri Priyadarshini, BMESI Faculty Coordinator, and a presidential address by Prof. Rajalakshmi R., Certified BLS Instructor (AHA) and Vice-Principal, Excel Nursing College.

Sessions covered Basic First Aid Concepts, CPR and BLS Training, Management of Common Emergencies, Biomedical Hazard Handling, and Emergency Simulations, led by experienced BLS trainers. Participants engaged in hands-on practice, demonstrations, and role-play activities, gaining practical exposure, confidence, and teamwork skills.

A feedback session by BMESI Student President Mr. Mohammed Azzam highlighted the interactive and practical nature of the workshop. The event concluded with a vote of thanks by Mrs. M. Kiruthika and a group photograph with trainers and participants.

The programme was successfully coordinated by Mrs. R. Gayathri Priyadarshini and Mrs. M. Kiruthika, Assistant Professors, Department of Biomedical Engineering.

## NON-ACADEMIC EVENT ON PHYSICAL ACTIVITY- FOUNDATIONS OF YOGA & ASANA



The Department of Electrical and Electronics Engineering, Excel Engineering College, organized a Non-Academic Event on Physical Activity – Foundations of Yoga & Asana on 24th October 2025, with 150 participants. The program aimed to promote holistic well-being among students through the practice of yoga, emphasizing its physical, mental, and emotional benefits.

The session highlighted how yoga supports mindfulness, stress reduction, improved posture, core strength, and flexibility. Participants learned pranayama and meditation techniques to calm the nervous system, enhance focus, and boost overall energy levels. Gentle stretches, breathing exercises, and asanas were practiced to promote relaxation, improve circulation, and strengthen the body's natural defense mechanisms. The event also encouraged self-awareness, emotional regulation, and the adoption of healthier daily habits, extending the benefits of yoga into students' routines.

The program successfully provided students with practical knowledge and an engaging experience, reinforcing the importance of physical activity and mindful living for a balanced lifestyle.

## IEEE XTREME 19.0



Under the esteemed leadership of Dr. K. Bommanna Raja (Principal), Dr. S. Anbu Karuppusamy (Dean of Administration), Dr. C. Karthikeyini (Director of Academics), Dr. A. Jeevanantham (Dean of SECE & IEEE Counselor), and Mrs. V. Banureka (Faculty Coordinator/EEE), the IEEE Student Branch (STBI5431) of Excel Engineering College participated in the IEEE XTREME 19.0 International Programming Competition.

IEEE XTREME is a global 24-hour competitive event where teams solve complex algorithmic and programming challenges. This year, 25 participants across 7 teams competed to solve progressively difficult problems in algorithms, data structures, mathematics, and computational theory. The event encouraged teamwork, creativity, and independent problem-solving in a highly competitive international environment.

Each team, consisting of 1 to 3 participants, had access to online resources while solving problems independently. A real-time scoreboard tracked team rankings, fostering engagement and motivation throughout the 24-hour challenge. The competition tested endurance, analytical thinking, and programming skills while providing exposure to a global programming community.

The participation in IEEE XTREME 19.0 was a resounding success, showcasing students' technical capabilities, collaborative spirit, and innovative problem-solving abilities. The event highlighted the college's commitment to promoting excellence in technology, coding, and global student engagement.

## NON – ACADEMIC EVENT

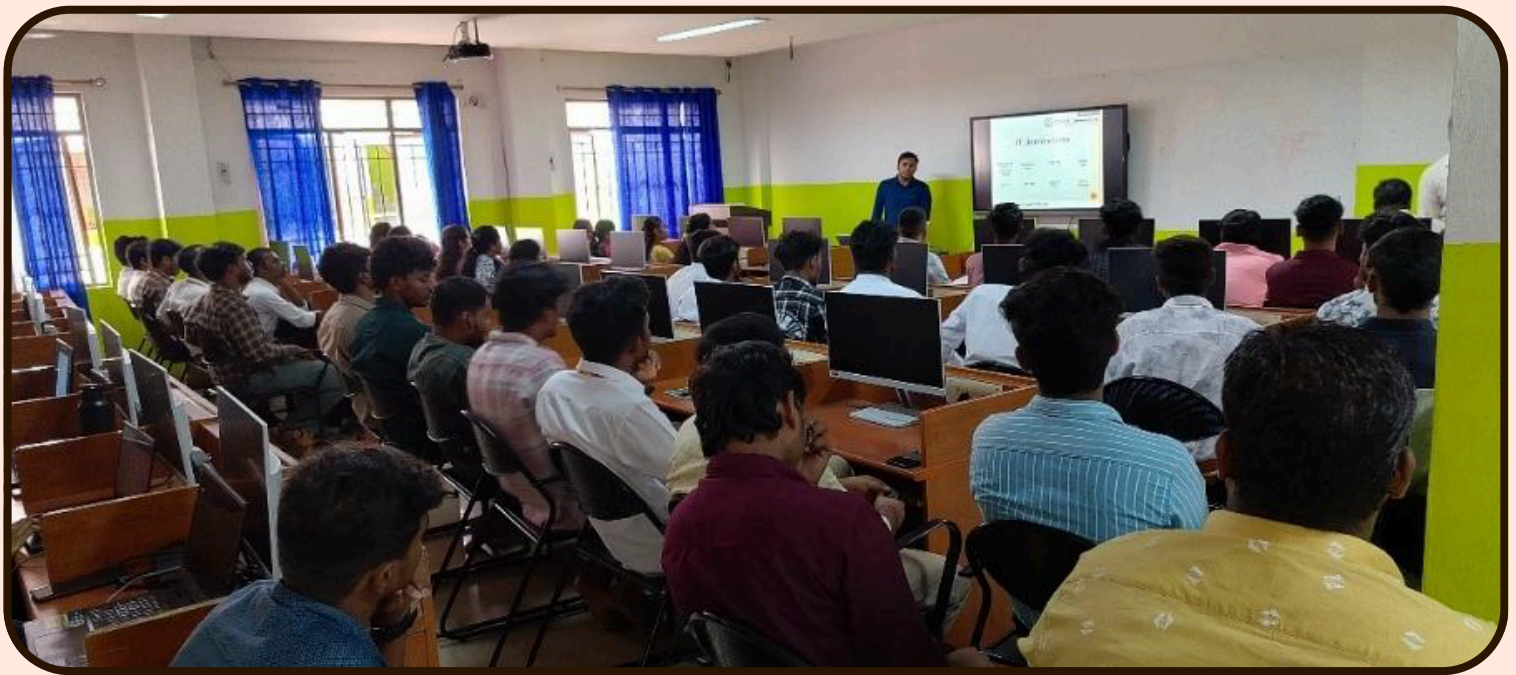


The Department of Food Technology, Excel Engineering College, organized an Awareness Program on Food Safety and Hygiene: Proper Food Handling and Storage on 17th October 2025, under the coordination of Dr. G. Srinivasan.

The program aimed to educate participants on safe food handling, personal hygiene, and proper storage practices. Demonstrations were conducted to illustrate how to prevent contamination and maintain cleanliness during food preparation. Students actively participated, gaining practical knowledge and understanding the importance of maintaining hygienic practices in daily life.

The event successfully created awareness among students about food safety and emphasized the significance of adopting safe and healthy habits for everyday living.

## ALUMNI GUEST LECTURE ON “MODERN APIS WITH ASP.NET CORE WEB”



The Department of Computer Applications (MCA), Excel Engineering College (Autonomous), Komarapalayam, organized an Alumni Guest Lecture on “Modern APIs with ASP.NET Core Web” on 19th October 2025 at 10:30 A.M. in the B3 Block – MCA Lab. The session was delivered by Mr. Sudharshan Chakradhari, an alumnus of the department and Full-Stack Developer at Techvolt Software Pvt. Ltd., Coimbatore.

The lecture aimed to provide students with practical insights into modern API development using ASP.NET Core Web, bridging the gap between academic learning and industry requirements. It also focused on real-time applications of APIs in software projects and encouraged students to explore full-stack development, enhancing their technical skills for future career opportunities.

The program was effectively coordinated by Mr. N. Srinivasan (AP/MCA) and Dr. U. Sridevi (AP/MCA) under the guidance of Dr. P. S. Velumani, HOD/MCA. The session was well-received by students and provided valuable exposure to current industry practices.

## NON-ACADEMIC GUEST LECTURE ON “DIGITAL LITERACY AWARENESS CAMP”



The Department of MCA, Excel Engineering College, organized a Non-Academic Guest Lecture titled “Digital Literacy Awareness Camp” on 20th October 2025. The program began with a welcome address by Dr. P. S. Velumani, Head of the Department, who emphasized the importance of digital literacy in the modern workplace. The guest speaker provided valuable insights on fundamentals of computer and internet usage, the importance of cybersecurity and data privacy, use of digital platforms for administrative efficiency, and online communication and documentation practices. Interactive sessions and live demonstrations were conducted to engage participants and clarify their doubts. Students actively participated and expressed enthusiasm to apply the knowledge in their daily work. The program was successfully coordinated by Ms. M. Deepashri (AP/MCA) under the guidance of Dr. P. S. Velumani, HOD/MCA.

# ASPEN SOFTWARE AND ITS APPLICATIONS IN PROCESS INDUSTRIES



The Department of Petrochemical Technology, Excel Engineering College, organized a workshop on “ASPEN Software and Its Applications in Process Industries” on 16th October 2025 at APJ Hall. The session was conducted by Dr. Debashish Panda, Assistant Professor, Department of Chemical Engineering, NIT Calicut, who shared his expertise in using ASPEN software for process modeling and optimization in real-time industrial scenarios. The workshop began with a welcome address by Dr. M. P. Murugesan, Professor & Head, Department of Petrochemical Technology, and included a detailed introduction to the features and capabilities of ASPEN Plus, highlighting its importance in modern process industries. Students participated in hands-on demonstrations covering process simulation techniques such as material and energy balances, reactor design, and process optimization. The program concluded with an interactive Q&A session where students clarified doubts regarding industrial applications and career opportunities in process engineering, followed by certificate distribution. The workshop provided students with practical insights into ASPEN software, helping bridge the gap between theoretical knowledge and industrial practice, and inspired participants to further explore process simulation and optimization tools.

## **INNOVATOR'S ARENA FEST'25**



The Entrepreneurship Development Cell (EDC) of Excel Engineering College organized the Innovator's Arena Fest'25 on 7th October 2025 at APJ Hall (A/C). The event began with a prayer song followed by a welcome address from Mrs. C. Vaishnavi. Dr. E. R. Sivakumar delivered the presidential address, highlighting the importance of innovation and entrepreneurship. Guest speakers Mr. R. A. Dhanush and Ms. V. S. Prithvi Chopra inspired students with insights on sustainable agribusiness and start-up opportunities. In the afternoon, students from various departments presented their innovative projects, showcasing creativity and problem-solving skills. The event concluded with a valedictory session and a vote of thanks by Mr. V. Bharath. The fest successfully encouraged students to embrace entrepreneurship and develop innovative ideas for real-world applications.



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**2634**  
Counselling  
Code

## UNDER GRADUATE COURSES B.E / B.Tech

Aeronautical | Agriculture  
Artificial Intelligence & Data Science  
Biomedical | Civil  
Computer Science & Engineering  
Computer Science & Business Systems  
Electrical and Electronics Engineering  
Electronics & Communication Engineering  
Food Technology | Information Technology  
Mechanical Engineering | Petrochemical  
Safety & Fire Engineering  
CSE (Artificial & Machine Learning)

## POST GRADUATE COURSES M.E / M.Tech

Aeronautical | Biomedical  
Applied Electronics  
Computer Science & Engineering  
Embedded System Technologies  
Environmental | Industrial Safety Engineering  
Power Electronics & Drives Engineering  
Structural | Thermal Engineering

**M.C.A | M.B.A** - 2 Years (After Degree)

**M.B.A** - Integrated (5 Years) After +2

**M.Tech** - CSE Integrated (5 Years) After +2

**Ph.D.** - CSE | ECE | MECH | PHYSICS

