



ExcëlTM ENGINEERING COLLEGE (AUTONOMOUS)



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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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GUEST LECTURE ON “SUSTAINABLE FOOD INDUSTRY PRACTICES FOR ZERO WASTE AND VALUE OPTIMIZATION”



The Department of Food Technology at Excel Engineering College (Autonomous), Namakkal, successfully conducted an industrial guest lecture on “Sustainable Food Industry Practices for Zero Waste and Value Optimization”. The event attracted an enthusiastic participation of 163 students and faculty members.

Mr. K. Manikandan, an expert in sustainable food processing, delivered an informative and impactful session focused on minimizing waste and optimizing resource use in the food industry. His presentation highlighted key strategies for implementing eco-friendly operations, reducing production losses, and maximizing value addition through innovative practices.

The session also featured an engaging discussion where students interacted with the speaker, exploring real-world industrial challenges and solutions aimed at achieving zero-waste outcomes. Coordinated by Mr. S. P. Rajesh, the event provided practical insights that helped students understand the importance of sustainability in food processing and inspired them to adopt responsible approaches in their future careers.

WORLD FOOD SAFETY DAY – 2025



The Department of Food Technology at Excel Engineering College observed World Food Safety Day with great enthusiasm and educational purpose. The event was organized to raise awareness on the critical importance of safe food practices in both domestic and industrial settings. A total of 163 students actively took part in various activities including quizzes, poster presentations, and group discussions, all centered on the theme of food safety and hygiene.

The session focused on vital aspects such as contamination prevention, food regulatory standards, and the role of safe food handling from production to consumption. The initiative, coordinated by Dr. G. Srinivasan and conducted by Ms. M. Kavya, provided a comprehensive understanding of food safety protocols. The event significantly contributed to enhancing students' knowledge of hygiene and safe consumption habits, motivating them to incorporate best practices in their daily lives and professional pursuits within the food industry.

NON-ACADEMIC AWARENESS PROGRAM ON “HEALTHY EATING, HEALTHY LIFE”



The Department of Food Technology organized a non-academic awareness program titled “Healthy Eating, Healthy Life” to promote the significance of balanced nutrition and healthy lifestyle choices among students. A total of 163 participants actively engaged in the session, which was coordinated by Dr. G. Srinivasan and conducted by Ms. T. Manonmani.

The event emphasized the role of nutritious food, mindful eating practices, and regular physical activity in preventing lifestyle-related diseases such as obesity, diabetes, and hypertension. Participants were provided with practical tips to integrate healthy eating habits into their everyday routines. The session fostered a strong sense of awareness about dietary wellness and encouraged students to make informed food choices, promoting long-term health and well-being.

ACADEMIC GUEST LECTURE ON 3D PRINTING: CONCEPTS APPLICATIONS AND RECENT TRENDS



The Department of Mechanical Engineering organized an academic guest lecture on “3D Printing: Concepts, Applications, and Recent Trends” on 29th July 2025. The session was delivered by Dr. P. Ravichandiran, Associate Professor, Department of Mechatronics Engineering, Kongu Engineering College. A total of 120 participants, including second and third-year Mechanical Engineering students and faculty members, attended the session held at Paavaiammal Hall, A3 Block.

Dr. Ravichandiran provided an insightful overview of the fundamentals of 3D printing technology, explaining key additive manufacturing processes such as FDM, SLA, and SLS, and the materials used in various applications. He also introduced the participants to widely used 3D modeling and slicing tools like AutoCAD, Fusion 360, SolidWorks, TinkerCAD, Cura, and PrusaSlicer, helping them understand the end-to-end workflow from design to print. The session also included practical case studies and demonstrations, encouraging students to apply design thinking and rapid prototyping in solving real-world engineering problems.

The event successfully enriched students' knowledge of modern manufacturing technologies and inspired innovation through hands-on application.



“GREEN FIREFIGHTING PRACTICES FOR A SUSTAINABLE FUTURE”



The Department of Safety and Fire Engineering at Excel Engineering College (Autonomous), Komarapalayam, organized a non-academic awareness program on Green Firefighting Practices on 09.07.2025. The session focused on emerging sustainable practices within the firefighting industry aimed at reducing environmental impact and promoting operational efficiency. Key outcomes highlighted during the program included the transition from traditional PFAS-based foams to fluorine-free foams (F3), the adoption of water mist systems for reduced water usage, and the development of eco-friendly clean agents and solid aerosol systems with minimal ozone-depletion and global warming potential. The program also introduced the use of drones for early wildfire detection and AI-based fire risk prediction, showcasing how technology is transforming fire safety strategies. Students actively participated in the session, engaging with the speakers and gaining valuable insights into sustainable fire safety approaches. The event served as a vital platform to raise awareness and encourage students to embrace environmentally responsible practices in their future professional endeavors.

ARTIFICIAL INTELLIGENCE APPRECIATION DAY



As part of the National and International Commemorative Days initiative, the Department of Artificial Intelligence and Data Science celebrated Artificial Intelligence Appreciation Day on 16th July 2025 at 2:30 PM in Room 303, Block 1. The event aimed to raise awareness of AI's growing influence through engaging activities and student participation.

The event commenced with a welcome address by Ms. Amirtha (III AI&DS A), followed by a special address by Prof. P. Jayaprabha, HoD/AI&DS, who emphasized the ethical impact and future of AI. Insightful talks were delivered by Ms. Ganga V and Ms. Shruthi from the third year on real-world applications of AI in healthcare, automation, and education.

Interactive competitions like the Puzzle Game and Connexion Game kept the audience involved, sparking interest in AI concepts through fun and analytical challenges. The program concluded with a vote of thanks by Ms. Yogashree (III AI&DS B).

The event was effectively coordinated by Dr. C. Samsonraj (AP/English) and Mrs. R. Sowmiya (AP/AI&DS), with strong support from student organizers Mr. Juvan Franklin, Mr. Bharathraj, and Mr. John Ambres (III AI&DS A). The celebration served to inspire curiosity and appreciation for AI among students.

GUEST LECTURE ON “INNOVATIVE APPROACHES TO INTEGRATED WATER RESOURCE MANAGEMENT (IWRM)”



On 25th July 2025, the Department of Agricultural Engineering at Excel Engineering College (Autonomous) organized an insightful guest lecture on the theme of “Sustainable Water Resource Management.” The session began promptly at 2:00 PM with a warm welcome address delivered by Dr. K.P. Vishalakshi, Head of the Department. The technical session, conducted from 2:15 PM to 4:20 PM, was handled by Dr. T. Pradeep, Associate Professor, Department of Civil Engineering, Kongu Engineering College (Autonomous), Erode. He shared comprehensive knowledge on global water resource statistics and the challenges faced in water management due to urbanization, industrial pollution, and climate change. Dr. Pradeep introduced various innovative water conservation solutions such as Waterseer, Hippo Roller, Fontus Bottle, and Warka Water, which are revolutionizing sustainable water usage across the world. Furthermore, he highlighted traditional Indian water harvesting systems like Jhalaras, Bawaris, Taankas, and Panam Keni, emphasizing their relevance in modern-day water conservation efforts. The session also explored strategies for implementing Integrated Water Resource Management (IWRM) at both policy and grassroots levels. The event concluded with a vote of thanks proposed by Mr. D. Logachandran, Assistant Professor, Department of Agricultural Engineering. A total of 118 participants, including 109 internal students and 9 faculty members, actively engaged in the session, making it a highly enriching and impactful event.

NON - ACADEMIC EVENT ON “DETOX THE SIDDHA WAY: DIET, LIFESTYLE AND WELLNESS”



On 29th July 2025, the Department of Agricultural Engineering at Excel Engineering College (Autonomous) organized an insightful guest lecture on traditional Siddha-based health and wellness practices. The event began at 2:30 PM with a welcome address by Dr. K.P. Vishalakshi, Head of the Department.

The first session was delivered by Dr. S.P. Radha, Professor, Siddha Medical College, who spoke on “Detoxing the Siddha Way.” She emphasized the importance of balancing the body’s three fundamental energies, Vali, Azhal, and Iyam—through natural diets, yoga, breathing exercises, and herbal remedies like Triphala and Neem.

In the second session, Dr. K. Pavithra, Assistant Professor, explained the health benefits of five key Siddha mudras, Gyan, Prithvi, Agni, Vayu, and Varun—highlighting their role in enhancing physical, mental, and emotional well-being.

The session concluded with a vote of thanks by Dr. M. Subbulakshmi, Assistant Professor. A total of 105 participants, including students and faculty, attended and actively engaged in the lecture, making it a valuable and informative experience.

HEALTH AWARENESS PROGRAM ON “MIND MATTERS 2025: MENTAL HEALTH IS REAL HEALTH”



On 30th July 2025, the Department of Agricultural Engineering at Excel Engineering College (Autonomous) organized a Health Awareness Programme aimed at enhancing students' mental and physical well-being. The session commenced at 2:30 PM with a warm welcome address by Dr. K.P. Vishalakshi, Head of the Department, followed by the introduction of the chief guest by Mr. D. Logachandran, Assistant Professor.

The health awareness session, held from 2:40 PM to 4:20 PM, was conducted by Dr. Parveen Kousar, Professor and Senior Medical Officer, and Head of the Department of Physiology and Psychology at Excel Medical College for Naturopathy and Yoga, Namakkal. Dr. Kousar delivered an insightful and engaging lecture focusing on various wellness strategies including stress management techniques, breathing exercises, mindfulness, healthy eating habits, journaling, and the concept of “Map is Not the Territory.” She emphasized the importance of respecting personal and others' perspectives, encouraging participants to develop positive daily habits.

The session concluded with a vote of thanks by Mr. V. Bharath, Assistant Professor, acknowledging the resource person and participants. The event witnessed the active participation of 50 attendees, including 5 faculty members and 45 internal students, making it a highly informative and impactful program.

ACADEMIC GUEST LECTURE ON “CONTROL STRATEGIES IN ELECTRIC VEHICLES USING POWER CONVERTERS”



The Department of Electrical and Electronics Engineering at Excel Engineering College (Autonomous) organized an academic guest lecture on the topic “Control Strategies in Electric Vehicles Using Power Converters.” The event commenced with a warm welcome address by Dr. G. Srinivasan, Professor and Head of the Department. The expert speaker, Dr. R. Uthirasamy, Professor and Head, Department of EEE, Mahendra Engineering College, Namakkal, delivered an in-depth session.

Dr. Uthirasamy, with his expertise in power electronics and electric vehicle technology, discussed the critical role of power converters in electric vehicle control systems. His lecture covered core topics such as electric vehicle (EV) architecture, various types of power converters like DC-DC and DC-AC, real-time motor control strategies, regenerative braking, efficiency optimization, and thermal management. He also shared industry-relevant case studies and research applications, providing students with a comprehensive understanding of how theoretical concepts translate into real-world EV systems.

The interactive session allowed the 117 participants to engage directly with the speaker, enhancing their learning experience. The lecture not only broadened students' knowledge in the emerging field of electric vehicles but also motivated them to explore power electronics as a career and research domain.

NON ACADEMIC EVENT ON “CRAFT FROM WASTE”



The Department of Electrical and Electronics Engineering (EEE), in association with the Fine Arts Club of Excel Engineering College (Autonomous), successfully conducted a non-academic event titled “Craft from Waste” on 31st July 2025 at 12:00 PM in the B1 – PED Lab. A total of 20 participants enthusiastically took part in this creative initiative, which aimed to inspire sustainability and artistic expression.

The event encouraged students to explore the concept of “Reduce, Reuse, Recycle” by transforming everyday waste materials into imaginative and functional crafts. Items such as paper, plastic, cardboard, old CDs, fabric scraps, and other discarded materials were skillfully repurposed into unique works of art and utility. The students demonstrated impressive ingenuity, showcasing how sustainability and creativity can go hand in hand.

“Craft from Waste” served as an engaging platform to raise environmental awareness while promoting hands-on creativity. The event not only highlighted students' artistic talents but also reinforced the importance of eco-conscious practices. Excel Engineering College remains committed to holistic student development through such value-driven, non-academic activities.

VALUE ADDED COURSE ON “RELAY ASSEMBLING AND TESTING”



The Department of Electrical and Electronics Engineering (EEE) at Excel Engineering College (Autonomous), Komarapalayam, successfully conducted a Value Added Course on “Relay Assembling and Testing” on 31st July 2025. A total of 97 students participated in this hands-on learning initiative aimed at bridging academic knowledge with practical industrial skills.

The session began with a welcome address by Dr. A. Jeevanandham, Dean/SECE, Excel Engineering College. The resource person for the course was Dr. G. Srinivasan, Professor and Head of the EEE Department, who shared his technical expertise in relay mechanisms and testing protocols.

Throughout the course, students explored various types of relays, learned about assembling procedures, and performed standard testing methods. The hands-on lab sessions provided participants with valuable experience in relay setup, diagnostics, and functional verification, enhancing their technical competencies. The interactive format and real-time applications discussed during the course significantly contributed to deepening the students' understanding of electrical systems.

This value-added course not only improved the practical skillset of students but also strengthened their employability in the core engineering sector.

“THE NEXT DIGITAL WAVE: INTEGRATING IOT WITH CLOUD AND BIG DATA”



The Department of Information Technology at Excel Engineering College organized an academic guest lecture titled “The Next Digital Wave: Integrating IoT with Cloud and Big Data” on 24th July 2025. The session was delivered by Dr. K. Thangaraj, Associate Professor, Department of IT, Sona College of Technology.

Dr. Thangaraj presented an insightful and engaging session focusing on the convergence of three transformative technologies—Internet of Things (IoT), Cloud Computing, and Big Data. He elaborated on how these technologies are reshaping industries and society, particularly in the domains of smart cities, healthcare, industrial automation, and real-time analytics.

The session explored IoT architecture, cloud platforms for scalable storage and computation, and the role of big data in deriving actionable insights. Through real-world case studies and current industry trends, participants gained valuable perspectives on the practical applications and future scope of these integrated digital technologies.

The lecture was well-received by students and faculty, providing a strong foundation for those interested in pursuing careers or research in the digital transformation space.

“QUERY THE FUTURE: EXPLORING CUTTING EDGE TRENDS IN DBMS”



The Department of Information Technology at Excel Engineering College (Autonomous) organized an academic guest lecture titled “Query the Future: Exploring Cutting-Edge Trends in DBMS” on 31st July 2025. The resource person for the session was Mr. Vairaperumal, Lead Data Analyst at Code Core Global HI Tech Solutions, Coimbatore.

Mr. Vairaperumal delivered an insightful and highly interactive session, focusing on recent advancements and industry trends in Database Management Systems. He explored a wide range of modern developments including NoSQL and NewSQL databases, distributed and cloud-based DBMS architectures, and the growing importance of data security.

The session highlighted how data-centric organizations handle massive datasets efficiently and the ongoing transition from traditional relational databases to more scalable, real-time analytics-supported systems. Students gained exposure to industry tools, SQL performance optimization techniques, data warehousing concepts, and database tuning strategies.

Through live demonstrations and real-world case studies, the lecture bridged the gap between academic learning and practical implementation, leaving students motivated to explore and upskill in the evolving field of database technologies.

“GEN AI IN APPLICATION DEVELOPMENT”



The Department of MCA at Excel Engineering College organized a guest lecture on “Gen AI in Application Development” on 28th July 2025. The session was led by Dr. S. Karunagaran, Associate Professor, Department of MCA, Kongu Engineering College, and was attended by 56 students and faculty members.

The event commenced with a welcome address by Dr. P.S. Velumani, Professor & Head of the Department, who introduced the resource person and highlighted the relevance of Generative AI in modern software development.

During the session, Dr. Karunagaran provided an insightful overview of how Generative AI is revolutionizing application development. He explained the practical implementation of AI models and tools in creating applications, while also emphasizing the growing scope of AI in research and innovation. His talk included real-time use cases, interdisciplinary connections, and emerging trends, sparking deep interest among students.

An interactive Q&A session followed the lecture, during which students asked pertinent questions and received clarifying responses from the expert. Feedback shared by student representatives reflected appreciation for the clarity, depth, and real-world relevance of the content covered.

The session concluded with a vote of thanks delivered by Dr. U. Sridevi, Assistant Professor, Department of MCA, acknowledging the valuable contribution of the guest speaker and the active participation of the students. Overall, the event proved to be a highly enriching experience, inspiring students to explore the evolving landscape of Generative AI.

BREAK THE STEREOTYPE – ROLE REVERSAL DAY



The Department of MCA successfully conducted a thought-provoking and impactful non-academic event titled “Break the Stereotype – Role Reversal Day” on 31st July 2025. This engaging activity was specifically organized for second-year MCA students to challenge conventional gender roles and cultural stereotypes through experiential learning.

Facilitated by Dr. P.S. Velumani, Professor & Head of the Department of MCA, the session began with a contextual introduction emphasizing the importance of breaking societal norms to promote inclusivity and open-mindedness. Students were grouped into pairs and participated in short, unscripted role-plays. Each team selected from a curated list of ten prompts that reversed traditional societal roles. Themes included girls leading tech teams, boys handling household tasks, and rural youth showcasing innovation.

Each skit was concluded with a powerful one-liner that shattered a specific stereotype, delivering messages of equality, respect, and empowerment. The performances were a blend of humor, creativity, and social awareness, sparking meaningful conversations among peers and faculty alike.

The event served as an expressive platform for students to explore roles beyond societal expectations. Topics like “Girls in STEM,” “Boys as Caretakers,” and “Everyone Can Dream Freely” emphasized the importance of breaking biases related to gender, career, and leadership. The session received enthusiastic participation and applause for its originality, relevance, and student-driven content.

Dr. Velumani P.S. concluded the event by appreciating the students’ innovative contributions and encouraged them to continue questioning outdated stereotypes. The Department expressed gratitude to the faculty members for their support in organizing the event. Overall, the session reinforced the college’s commitment to nurturing socially aware and responsible individuals, proving that powerful learning can indeed happen beyond the classroom.

ACADEMIC GUEST LECTURE ON “SKIES AHEAD: SUSTAINABLE DRONE PRODUCTION WITH GENETIC ALGORITHMS, ANT COLONY OPTIMIZATION AND AI”



The Department of Aeronautical Engineering at Excel Engineering College (Autonomous) organized an academic guest lecture titled “Skies Ahead: Sustainable Drone Production with Genetic Algorithms, Ant Colony Optimization and AI” on 31st July 2025 at 10:00 AM in Paavaiammal Hall. The event was conducted as part of the department’s academic enrichment activities, aimed at providing students with insights into advanced optimization techniques in aeronautical engineering. The session was delivered by Dr. K. M. Senthil Kumar, Professor, Department of Mechanical Engineering, Kumaraguru College of Technology, Coimbatore. He elaborated on the critical design requirements in drone development and highlighted how modern optimization methods like Genetic Algorithms and Ant Colony Optimization can be effectively applied to enhance drone efficiency and sustainability. He also discussed the integration of Artificial Intelligence in autonomous drone operations and its impact on real-time decision-making and resource management. The lecture provided students with a strong understanding of how bio-inspired algorithms are transforming aeronautical design and manufacturing processes. The programme was convened by Dr. A. Sivakumar, Head of the Department of Aeronautical Engineering, and coordinated by Mr. S. Karthik and Mrs. S. R. Arun, Assistant Professors. The department expressed its appreciation to the resource person and the organizing team for their contributions in making the session highly informative and impactful.

ACADEMIC GUEST LECTURE ON “WEARABLE SENSORS: REAL-TIME HEALTH MONITORING AND FUTURE PROSPECTS”



The Department of Biomedical Engineering at Excel Engineering College (Autonomous), Namakkal, organized an Academic Guest Lecture on the topic “Wearable Sensors: Real-time Health Monitoring and Future Prospects” on 31st July 2025, from 10:00 AM to 1:00 PM at Kandhasamy Hall. The session was delivered by Dr. J. Samson Issac, Professor of Biomedical Engineering, Karunya Institute of Technology and Sciences, Coimbatore. The lecture focused on the evolution and significance of wearable sensor technologies in the healthcare sector. Dr. Samson Issac elaborated on the mechanisms of real-time health monitoring, various sensor types used in wearable devices, data transmission and analysis techniques, and the integration of AI for predictive healthcare. The session also touched upon the future scope of wearable technology in chronic disease management, fitness tracking, and personalized medicine. The event was highly informative and well-received by the students and faculty members. It was coordinated by Mrs. C. Princy Naveena and Dr. R. Geetha, Assistant Professors of BME, under the guidance of Dr. G. Prakash, Head of the Department. The Department extends its gratitude to the resource person and all participants for making the event a great success.

INDUSTRIAL VISIT



The Department of Civil Engineering at Excel Engineering College (Autonomous) organized an industrial visit on 19th July 2025 for third and final year Civil Engineering students to the ongoing construction site at the New MB3 Block. The purpose of the visit was to provide students with practical exposure to real-time construction activities, particularly focusing on boom concrete application and steel reinforcement work, thereby complementing their classroom learning.

During the visit, students gained valuable insights into the process and operational details of boom concrete techniques, observed the systematic execution of reinforcement work, and understood the significance of coordination among various civil engineering teams at a construction site. The visit also emphasized the importance of adhering to safety protocols in a live project environment.

This hands-on experience helped bridge the gap between theoretical knowledge and field application, enhancing the students' understanding of modern construction practices. The department extends its sincere gratitude to our respected Chairman Sir for his constant support and for providing students with such meaningful learning opportunities.

NON ACADEMIC EVENT ON "THE WELLNESS FORMULA: FOOD, SLEEP AND A BETTER YOU"



The Department of Computer Science and Business Systems (CSBS) of Excel Engineering College (Autonomous), Namakkal, successfully organized a non-academic event titled "The Wellness Formula: Food, Sleep and a Better You" on 30th July 2025 from 10:00 AM to 1:00 PM at Pavayammal Hall. The session was led by Dr. T. Nayaki, Assistant Professor – OBG, from Excel Homeopathy Medical College, Komarapalayam.

This insightful wellness session focused on the importance of maintaining a balanced lifestyle through proper nutrition, quality sleep, and mindful living. Dr. Nayaki emphasized how these foundational elements play a crucial role in physical health, mental clarity, emotional stability, and overall productivity. The event provided students with valuable tips and scientific understanding of how daily habits impact long-term wellness.

Organized under the guidance of Program Coordinator Mrs. C. Prathipa, AP/CSBS, and Convenor Dr. P. Kumari, ASP/CSBS, the event was well-received by the students for its engaging and practical content. The Department extends its heartfelt thanks to Dr. G. M. Tamilselvan, Dean/SCSE, for his continued support and encouragement. Events like this reflect the institution's commitment to holistic student development beyond academics.

“FROM SOIL TO SOUL: EMPOWERING VILLAGES FOR A GREENER WORLD”



The Green Club and Swachh Bharat team of Excel Engineering College (Autonomous) successfully conducted a Tree Plantation Drive and Awareness Programme titled “From Soil to Soul: Empowering Villages for a Greener World” on 25th July 2025 at Chettipatti Village. This meaningful initiative aimed to promote environmental consciousness and rural sustainability through active community engagement.

As part of the activity, 100 saplings were planted across key areas in the village with the wholehearted participation of student volunteers and faculty members. The saplings were generously provided by the Forest Department at Siddhar Kovil, thanks to the coordination and support of Mr. Rukmanandan Sir. The villagers were given awareness on the importance of protecting and nurturing these saplings to ensure long-term ecological impact.

The event was efficiently coordinated by Ms. D. Mythili (Assistant Professor/Civil) and Mr. N. Prithiviraj (Assistant Professor/Safety & Fire). Their efforts, along with the dedication of the student volunteers, contributed to the resounding success of the programme. This initiative not only reinforced the college’s commitment to environmental sustainability but also fostered a strong connection between students and the local community in the shared mission of creating a greener future.

“YOUNG INNOVATOR FORUM: EXPLORING INCUBATION AND STARTUPS”



The Entrepreneurship Development Cell (EDC) of Excel Engineering College (Autonomous), Namakkal, organized an inspiring seminar titled “Young Innovator Forum: Exploring Incubation and Startups” on 31st July 2025 at APJ Hall – Main Block from 10:00 AM to 12:00 Noon. The event aimed to cultivate an entrepreneurial mindset among students and introduce them to the dynamic world of startups and incubation.

The seminar was graced by Dr. V. Madhu, Associate Professor and Innovation Ambassador – IIC Member, Karunya Institute of Technology and Sciences, Coimbatore, who served as the chief guest and keynote speaker. His session was both informative and engaging, covering a wide spectrum of topics crucial for budding entrepreneurs.

Dr. Madhu elaborated on the fundamentals of startups and incubation, emphasizing their significance in fostering innovation and economic growth. He introduced students to the design thinking process, various types of incubators, and the stages of startup development. He also highlighted successful engineering startups, notable Indian startup stories, and provided insights into student startup grants available both in India and internationally.

The session further explored the benefits of incubation, common challenges faced by startups, prominent incubation centers in India, and the essentials of building a business plan. Dr. Madhu encouraged students to think creatively, explore innovative startup ideas, and consider high-potential sectors for future ventures.

The event was well-received by the participants and successfully ignited entrepreneurial curiosity among the student community. The EDC team extends its gratitude to the management, faculty, and students for their active involvement and support in making this seminar a grand success.

“INNOVATION, PROTOTYPE VALIDATION, STARTUP CONVERSION, & ACHIEVING VALUE PROPOSITION AND BUSINESS FIT”



The Institution's Innovation Council (IIC) of Excel Engineering College (Autonomous), Namakkal – 637303, Tamil Nadu, successfully organized a session on "Innovation, Prototype Validation, Startup Conversion, and Achieving Value Proposition and Business Fit" on 18th July 2025 from 10:00 AM to 01:00 PM at Pavayammal Hall.

The resource person for the session was Dr. C. M. Mohanraj, TBI In-Charge, who delivered an enriching and practical talk that addressed the journey of innovation from ideation to startup conversion. The session covered key aspects including validating prototypes, identifying customer value propositions, achieving product-market fit, and understanding the pathway to convert ideas into viable startups.

The program was coordinated by Mrs. C. Prathipa, IIC Coordinator/CSBS, under the guidance of Dr. P. Karunakaran, Chief Coordinator, IIC. The event provided valuable insights and direction to students and faculty members interested in entrepreneurship and innovation.

SCHOOL OUTREACH PROGRAM ON INNOVATION AND ENTREPRENEURSHIP



The Institution's Innovation Council (IIC) of Excel Engineering College (Autonomous), Namakkal – 637303, organized a School Outreach Program on Innovation and Entrepreneurship on 18th July 2025, from 2:00 PM to 4:00 PM at GHSS, Chettipatty.

The session was conducted with the aim of fostering innovation and entrepreneurial thinking among school students. Dr. P. Selvaraju, Innovation Ambassador and Associate Professor (AI&DS), Excel Engineering College, served as the resource person. He delivered an engaging and inspiring talk that introduced the concepts of creativity, idea generation, innovation, and startup culture in a simple and relatable manner for school students.

This initiative aimed to ignite curiosity and motivate young minds to think beyond traditional paths and explore the world of innovation and entrepreneurship from an early stage.

COMMUNITY AWARENESS PROGRAM ON SOLAR ENERGY FOR SUSTAINABLE DEVELOPMENT



The NSS Unit of Excel Engineering College (Autonomous), Komarapalayam, organized a community awareness program on the significance of solar energy and its role in sustainable development at Pallakapalayam Village. The event aimed to educate villagers about the pressing need to shift from traditional power sources to renewable alternatives like solar energy in order to conserve existing energy resources and ensure a sustainable future.

The session focused on key aspects such as the Tamil Nadu Electricity Board's (TNEB) buy-back scheme, which allows households to sell surplus energy generated from rooftop solar panels, and the government subsidies available for solar system installations. These insights were shared to encourage adoption among rural households.

A total of 50 NSS volunteers actively participated in the event. They were divided into 10 teams, with each team engaging with five groups of local residents to spread awareness. The initiative was well-received by the villagers, many of whom expressed a keen interest in adopting solar energy solutions for their homes.

The programme was effectively coordinated by Mr. G. Thamaraiselvan (II Year EEE), under the guidance of Dr. P. Sivakumar and Ms. P. Suseela, NSS Faculty Coordinators. The NSS Unit extends its heartfelt gratitude to all those who supported the event and contributed to its success.



SOCIAL AWARENESS PROGRAM ON “YOUTH ENGAGEMENT IN COMMUNITY WELFARE”



The Youth Red Cross (YRC), Red Ribbon Club (RRC), and Young Indians (Yi) Clubs of Excel Engineering College, in association with Excel Nursing College, organized a Social Awareness Program on “Youth Engagement in Community Welfare” on 28th July 2025 at the Primary Health Centre, Kallagattuvalasu. The event aimed to empower students to contribute actively to community development under the theme “Empower Youth for a Healthier Tomorrow.”

Dr. Venkada Prasath and Dr. Senthamarai, Medical Officers, addressed the gathering and appreciated the enthusiasm of the student volunteers, emphasizing the vital role of youth in strengthening public health systems. The program aligned with the UN Sustainable Development Goals, especially SDG 3 (Good Health and Well-being) and SDG 11 (Sustainable Cities and Communities).

Various awareness activities and interactive discussions were conducted, encouraging students to take meaningful steps in their local communities. The event was coordinated by Ms. M. Revathi (AP/Physics) and Ms. P. Parameshwari (AP/English), whose efforts greatly contributed to the success of the program. Their leadership fostered student engagement and inspired a strong sense of civic responsibility among participants.

FLAG DAY CELEBRATION



The NCC Team of Excel Engineering College celebrated Flag Day on 22nd July 2025 with great enthusiasm and patriotic spirit. The event commenced with a flag-hoisting ceremony, followed by patriotic performances, motivational speeches, and student-led creative presentations such as essays and poems reflecting national pride.

The celebration served as a platform to instill a sense of unity, responsibility, and respect for the nation among students and faculty. The NCC cadets, guided by their coordinators, played a key role in organizing the event successfully and fostering an atmosphere of patriotic reverence.

The college appreciates the efforts of all the participants and coordinators for making the event a meaningful tribute to the spirit of our nation.

WORLD NATURE ENERGY CONSERVATION DAY



On 28th July 2025 at 2:00 PM, the Department of Electrical and Electronics Engineering, in association with the Energy Conservation Club, observed World Nature Energy Conservation Day. As part of the celebration, students from the club actively participated in solar panel maintenance activities. The team carried out calibration and inspection of the solar panels installed at the BI Block of the campus.

The initiative aimed to reinforce the importance of renewable energy and hands-on learning in energy conservation. Through their involvement, students gained practical exposure and developed a sense of responsibility toward sustainable energy practices. The event highlighted the college's continued commitment to promoting green energy and environmental awareness.

“THE MODEL MIND – A MATH SHOWCASE”



The Department of Science and Humanities organized a vibrant Math Club event titled “The Model Mind – A Math Showcase” on 31st July 2025, from 2:00 PM to 4:30 PM at Pavayammal Hall, A3 Block.

The event aimed to ignite mathematical curiosity and creativity among students through engaging exhibits and model presentations. A total of 55 students actively participated, showcasing innovative mathematical models and concepts.

The program was successfully coordinated by Dr. S. Kavitha and Dr. R. Deepa, Assistant Professors, Department of Science and Humanities. Their guidance and encouragement ensured a smooth and impactful event that enhanced the students' appreciation for mathematics.

“EARLY IDENTIFICATION OF DRUG ADDICTION AND INTERVENTION IN YOUTH”



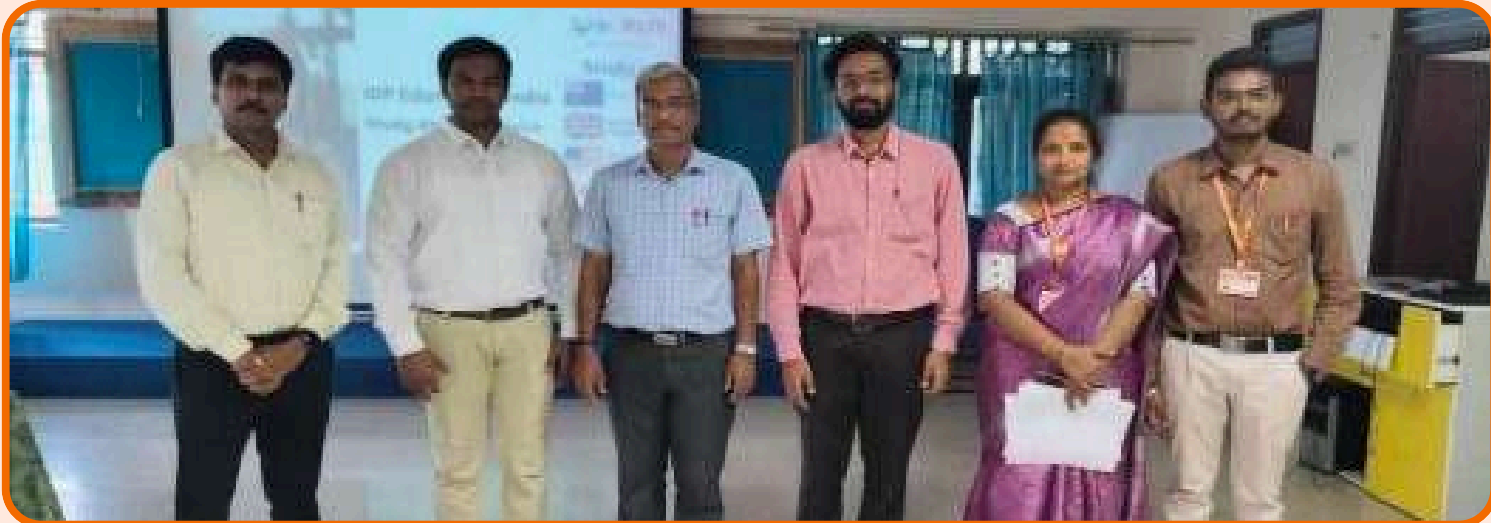
The Anti-Drug Club of Excel Engineering College (Autonomous), Komarapalayam organized an awareness seminar titled “Early Identification of Drug Addiction and Intervention in Youth” on 27th May 2025 at 10:00 AM in Hall No. 208. The session was led by Dr. M. Jayakumar, Professor and Head, Department of Surgery, Excel Homoeopathy Medical College and Research Centre, who provided valuable insights into recognizing early signs of addiction and the importance of timely intervention among youth. The programme, attended by 60 students, highlighted practical strategies to combat drug abuse and stressed the crucial role of students, faculty, and families in prevention efforts. The event was efficiently coordinated by Dr. R. Deepa and Mrs. P. Sudha, Assistant Professors of Mathematics, whose efforts ensured the seminar was informative and engaging.

EVENT AWARENESS PROGRAM ON THE THEME: "ALIGNING WITH THE GLOBAL GOALS: SDG ORIENTATION FOR COORDINATORS"



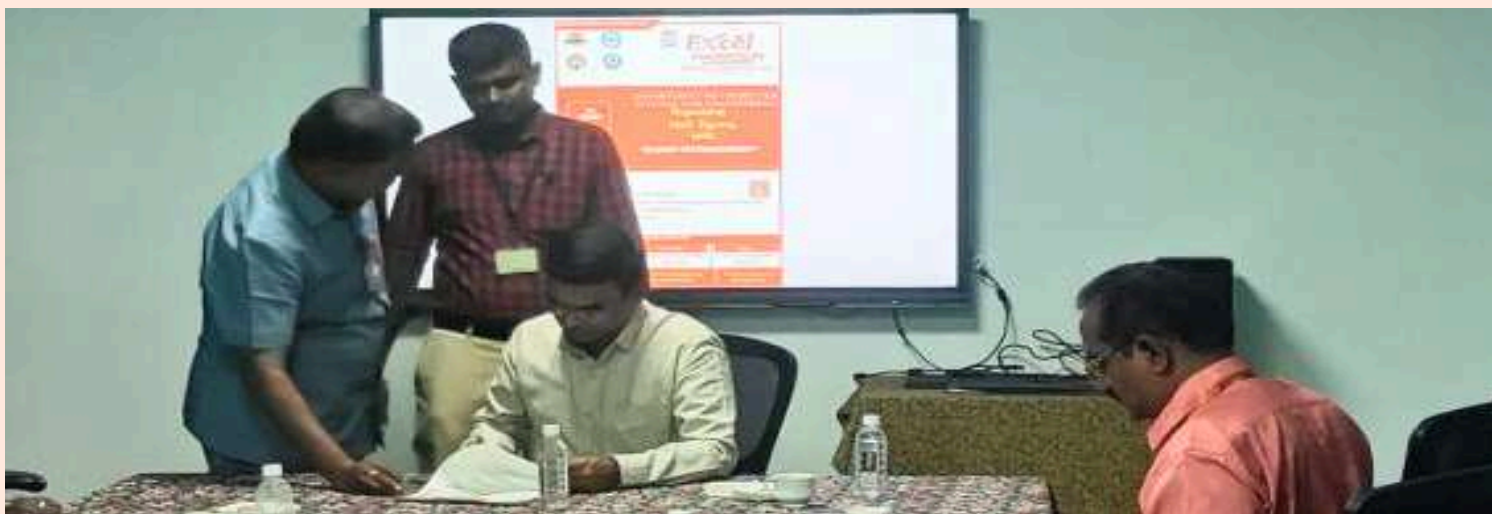
The Centre for Sustainable Development Goals Cell of Excel Engineering College (Autonomous), Komarapalayam, organized an impactful awareness program titled "Aligning with the Global Goals: SDG Orientation for Coordinators" on 18th July 2025. The session was delivered by Rtn. PHF. S. Madankumar (AE – MTPS-1 / TNEB), a distinguished personality serving as President of the Rotary Club of Mettur Dam City, Director at IGEN, Youth Ambassador for the UN International Youth Society, Global Change Maker Fellow, and Chief Organizer of Aram Anbin Adaiyalam Trust. He offered a comprehensive and practical explanation of all 17 Sustainable Development Goals (SDGs), emphasizing how these can be seamlessly incorporated into daily life and institutional frameworks. The program commenced with a welcome address by Dr. P. Saravanakumar, Head of the Department of Civil Engineering. The session particularly focused on empowering faculty members with the knowledge to map and align SDGs with institutional activities, thereby fostering sustainability, environmental awareness, and social responsibility within campus operations.

“HIGHER EDUCATION & CAREER OPPORTUNITIES IN THE ABROAD”



The Centre for Sustainable Development Goals Cell of Excel Engineering College (Autonomous), Komarapalayam organized an informative session on “Higher Education and Career Opportunities Abroad” on 31st July 2025. The session was led by Mr. M. Santhosh Kumar, Destination Manager – Canada, IDP Education India Pvt Ltd, Coimbatore. The resource person provided comprehensive insights into IDP’s direct partnerships with over 800 top institutions worldwide, offering students exclusive access to renowned programs. The session covered valuable information about admission procedures, career prospects, and higher education opportunities in countries such as Australia, Canada, New Zealand, the UK, the US, and Ireland. Mr. Santhosh Kumar also highlighted the importance and advantages of the IELTS examination, and shared guidance on education loans, scholarship opportunities, and support services like accommodation, banking, forex cards, and money transfers. The session witnessed enthusiastic participation from students, making it a highly engaging and beneficial initiative. The institution extends its sincere appreciation to the resource person for sharing his expertise and to all participants for their active involvement.

MEMORANDUM OF UNDERSTANDING (MoU)



The Department of Computer Science and Engineering successfully signed a Memorandum of Understanding (MoU) with ICANIO Technologies, Tirunelveli, on 21st July 2025. ICANIO Technologies is a reputed industry known for its excellence in designing, manufacturing, erection, and commissioning of multiple evaporator systems across diverse industrial sectors. As part of this collaborative initiative, an Industrial Guest Lecture was also organized on the same day, titled “Level Up! Skills that Actually Get You Hired in Tech”. The session was delivered by Mr. K. Vinoth Raja, Manager – Career Services and Project Delivery at ICANIO Technologies. Held at TVR Hall, the lecture focused on emerging industry trends, essential tech skills, and recruitment insights. Students engaged actively in the session and gained practical knowledge on current hiring practices, industry expectations, and higher education pathways.

The event was convened by Dr. P.C. Senthil Mahesh, HoD/CSE, and supported by Dr. G.M. Tamilselvan, Dean/SCSE. The program was efficiently coordinated by Mr. V. Surendhiran, Mrs. K. Kalpana, and Mrs. J. Oburadha, Assistant Professors of CSE. The department extends its gratitude to the resource person and participants for making the event a grand success.



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CSE (Artificial & Machine Learning)

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

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

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

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