



ExcelTM

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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. A. KARTHIKEYAN, Head - IQAC

Ms. G. REVATHI - AP/English



Non Academic event on “Unlock Your **Full** Potential”

The Department of Artificial Intelligence and Data Science organized a non-academic event titled “Unlock Your Full Potential” on March 7, 2025, at the Medical Block, Excel Medical College for Naturopathy and Yoga. The session was conducted by the esteemed resource person, Dr. Malathi Rathinam, Principal, Excel Medical College for Naturopathy and Yoga.

Dr. Malathi Rathinam delivered an insightful talk on self-awareness, discipline, and cultivating a positive mind-set as essential tools for unlocking one’s full potential. She emphasized practical strategies such as mindfulness, stress management

techniques, and the role of yoga and naturopathy in achieving peak performance.

The session was highly interactive, with participants engaging in discussions and practical exercises to integrate these concepts into their daily lives. The resource person also shared valuable insights on goal setting, overcoming limitations, and developing inner strength to achieve success.

The event concluded with a Q&A session, where attendees actively participated by expressing their thoughts and seeking clarifications. The overwhelmingly positive response from the participants highlighted the success and impact of the program, inspiring them to implement these strategies in their personal and professional growth.

SKILL DEVELOPMENT PROGRAM ON **EFFECTIVE COMMUNICATION IN WORKPLACE**



The Department of Artificial Intelligence & Data Science organized a Skill Development Program on “Effective Communication in the Workplace” on March 8, 2025, at B1 Block 208. The session was designed to enhance the communication skills of non-teaching faculty members, promoting better workplace interactions and professional development.

The program commenced with a welcome address by Prof. Jayaprabha, Head of the Department, AI & DS, who emphasized the importance of effective communication in a professional environment. The session was conducted by the Resource Person, Dr. C. Samsonraj, Assistant Professor, Department of English, who provided valuable insights into key communication aspects such as verbal and non-verbal communication, active listening, clarity in message delivery, and professional etiquette.

The session was highly interactive, featuring engaging activities and real-life workplace scenarios, allowing participants to grasp the concepts effectively. More than 30 non-teaching faculty members actively participated, making the program a successful and enriching learning experience.



ALUMNI GUEST LECTURE TITLED “FROM CAMPUS TO CAREER: NAVIGATING THE PATH TO SUCCESS”

The Department of Artificial Intelligence & Data Science organized a Skill Development Program on “Effective Communication in the Workplace” on March 8, 2025, at B1 Block 208. The session was designed to enhance the communication skills of non-teaching faculty members, promoting better workplace interactions and professional development. The program commenced with a welcome address by Prof. Jayaprabha, Head of the Department, AI & DS, who emphasized the importance of effective communication in a professional environment. The session was conducted by the Resource Person, Dr. C. Samsonraj, Assistant Professor, Department of English, who provided valuable insights into key communication aspects such as verbal and non-verbal communication, active listening, clarity in message delivery, and professional etiquette.

The session was highly interactive, featuring engaging activities and real-life workplace scenarios, allowing participants to grasp the concepts effectively. More than 30 non-teaching faculty members actively participated, making the program a successful and enriching learning experience.

WORKSHOP TITLED ON “MASTERING AI TOOLS”

The Department of Artificial Intelligence and Data Science organized a workshop on “Mastering AI Tools” for second-year students and participants from other colleges on March 17, 2025, at 10:00 AM in Kandasamy Hall, Main Block. The workshop provided practical insights into AI-driven platforms such as QuillBot, GitHub Copilot, and Learn.AI. Led by Dr. Vimaladevi, Associate Professor, Kongu Engineering College, the session explored AI applications in writing, coding, and education. Participants were introduced to QuillBot, an AI-powered writing assistant that enhances content through paraphrasing, summarization, and grammar correction, helping students, researchers, and professionals improve their writing efficiency. The session also featured demonstrations of various AI-driven tools, showcasing their potential in automating tasks, optimizing workflows, and enhancing productivity in different domains. The workshop was highly interactive, allowing participants to engage with the tools through hands-on exercises. The event received positive feedback, with attendees appreciating the practical knowledge and real-world applications shared during the session.



HANDS ON SESSION ON

"REAL TIME DATA VISUALIZATION USING POWER BI"



The AI-Hive Club, a student-led organization dedicated to Artificial Intelligence and Data Science, was inaugurated at Excel Engineering College on March 4, 2025, in APJ Hall. The event began with a welcome address by Prof. P. Jayaprabha, HoD of AI&DS, who emphasized the growing significance of AI and Data Science in today's world. Club Coordinators, Mrs. A. Yasmin and Mrs. C. Eben Exceline, Assistant Professors in the AI & DS Department, provided an overview of the club, outlining its mission, objectives, and planned activities, which aim to offer students a platform to learn, experiment, and innovate in the field.

The highlight of the event was a guest lecture by Mr. S. Gokulraj on "Real-Time Data Visualization using Power BI". The session covered the fundamentals of data visualization, its role in business decision-making, and a hands-on demonstration of creating interactive dashboards using Power BI. The speaker elaborated on key features such as data modeling, real-time data streaming, advanced analytics, and seamless integration with various data sources like Excel, SQL Server, and Azure. Additionally, he demonstrated how to connect to multiple data sources, build interactive visualizations (charts, tables, and maps), use DAX formulas for calculations, and publish reports for collaboration.

The AI-Hive Club inauguration marked the beginning of an exciting initiative, equipping students with practical knowledge and industry-relevant skills to excel in AI and Data Science.



HANDS ON SESSION ON

"PYTHON BUG HUNT"

The AI Hive Club successfully organized an engaging Code Debugging Event titled "Python Bug Hunt", bringing together members from various computing branches. The event aimed to challenge participants' coding skills, problem-solving abilities, and attention to detail. It commenced with a warm welcome and an opening address by Club Coordinator, Mrs. A. Yasmin, followed by a comprehensive briefing on the competition format, rules, and evaluation criteria.

Participants were given incorrect Python codes embedded with various bugs and errors, which they had to identify, debug, and correct within the allotted time. The event emphasized the importance of coding proficiency, teamwork, and collaboration in the field of computer science. The AI Hive Club received enthusiastic participation and plans to organize more such events in the future to further enhance coding skills, critical thinking, and collaborative problem-solving among its members.

VALUE ADDED COURSE ON "DESIGN THINKING"



The Department of Management Studies at Excel Engineering College (Autonomous), Namakkal, successfully organized a Value Added Course on "Design Thinking" on 13th March 2025 (Thursday) at 1:30 PM in MB314, Smart Classroom.

The session focused on idea generation and innovative solutions for industrial challenges, equipping students with creative problem-solving techniques essential for modern business environments. Through an interactive approach, students were encouraged to think critically, develop unique solutions, and apply structured methodologies to innovation.

The program was coordinated by Mr. Gowrishankar, AP/MBA, under the guidance of Mr. R. Mohanasundaram, HoD/MBA. This initiative reflects the department's commitment to providing industry-relevant skills beyond the academic curriculum. With active participation and enthusiasm from students, the course successfully enhanced their analytical mindset and problem-solving abilities, reinforcing Excel Engineering College's dedication to holistic learning.

NON-ACADEMIC EVENT ON CONSUMER AWARENESS : "CUSTOMER RIGHTS AND RESPONSIBILITIES"

The Department of Master of Business Administration at Excel Engineering College successfully organized a Non-Academic Event on "Consumer Awareness - Consumer Rights and Responsibilities" on 15th March 2025 (Saturday). The session was led by Mr. P. Varunkumar, HoD/BBA, Excel College for Commerce and Science, Komarapalayam, who provided valuable insights into consumer rights, legal protections, and ethical consumer behavior. He emphasized the importance of consumer awareness in making informed purchasing decisions and safeguarding consumer interests.

Students actively participated in discussions, gaining a deeper understanding of their rights and responsibilities in the marketplace. The event highlighted key consumer protection laws, redressal mechanisms, and the role of responsible consumerism in society.

The event was coordinated by Mrs. S. Kaviyadevi, AP/MBA, under the leadership of Mr. R. Mohanasundaram, HoD/MBA. With an engaging and informative session, this event reinforced the college's commitment to fostering socially responsible and informed future business leaders.



INDUSTRY GUEST LECTURE ON "TECH AS A CATALYST FOR SEAMLESS OPERATIONS AND ENHANCED EFFICIENCY"



The Department of Electronics and Communication Engineering (ECE), Excel Engineering College (Autonomous), Namakkal, successfully organized an Industry Guest Lecture on "Tech as a Catalyst for Seamless Operations and Enhanced Efficiency" on 28th March 2025 at 10:00 AM in Kandhasamy Hall, EEC. The session was led by Er. R. Thirugnanam, Deviser, TEKSHEI Future Ready Manufacturing Solutions at Scale, Trichy & Bhilai, who shared valuable insights into how emerging technologies drive industrial efficiency and operational excellence. The lecture focused on the role of smart technologies, automation, IoT, and AI in optimizing communication networks and industrial processes.

Faculty members and students from the ECE Department actively participated in the session, engaging in discussions on the future of intelligent communication systems, digital transformation, and technological advancements in the industry. The interactive Q&A session provided students with practical exposure to real-world industry challenges and solutions.

The event was a resounding success, reinforcing the importance of staying ahead in technological innovations. The Department of ECE extends its heartfelt gratitude to the management, faculty, and students for their enthusiastic participation and support in making the event meaningful and impactful.

ALUMNI GUEST LECTURE ON "DATA INTELLIGENCE IN AI AND CLOUD TECHNOLOGIES"

The Department of Electronics and Communication Engineering (ECE), Excel Engineering College (Autonomous), Namakkal, successfully organized an Alumni Guest Lecture on "Data Intelligence in AI and Cloud Technologies" on 28th March 2025 at 2:00 PM in Kandhasamy Hall, EEC. The event featured two distinguished alumni speakers, Mr. G. Balakrishnan from Definitive Healthcare, Bengaluru, and Mr. S. K. Yuvaraj, an entrepreneur from Mentor Solution. They provided invaluable insights into the integration of Artificial Intelligence (AI) and Cloud Technologies in data-driven decision-making, emphasizing the role of data intelligence in modern AI applications, cloud computing advancements, and industry-oriented



problem-solving techniques. The session covered real-world applications, emerging trends, and career opportunities in AI and Cloud Computing, offering students a comprehensive understanding of the field. Faculty members and students from the ECE Department actively participated in the session, engaging in thought-provoking discussions and gaining practical knowledge about AI-driven cloud solutions and data analytics. The lecture served as an inspirational platform for students, encouraging them to explore cutting-edge technologies and pursue innovation-driven careers. The Department of ECE extends its sincere gratitude to the alumni speakers, faculty members, and students for their enthusiastic participation, contributing to the event's success.

NON-ACADEMIC EVENT ON

"SAVE WATER, SAVE LIFE- SAY NO TO POLLUTION"



The Department of Electrical and Electronics Engineering successfully organized the non-academic event, "SAVE WATER, SAVE LIFE – SAY NO TO POLLUTION," on 12.03.2025, with the participation of 50 attendees. The program aimed to raise awareness about water conservation and pollution prevention, emphasizing the critical role of water in sustaining life and the alarming global water crisis caused by pollution, waste, and irresponsible consumption. Participants were educated on the devastating impacts of water pollution, including contamination from industrial waste, plastics, and chemicals, which render water unsafe for consumption and agriculture, disrupt ecosystems, and pose severe health risks such as cholera and dysentery.

The session highlighted practical steps individuals can take to combat water pollution, including reducing plastic usage, recycling, conserving water through efficient practices, and actively engaging in awareness campaigns. Additionally, the importance of supporting clean initiatives, such as river clean-ups and environmental conservation programs, was stressed to inspire collective action. The event successfully instilled a sense of responsibility among participants, reinforcing the message that every small effort towards saving water and reducing pollution contributes to a healthier and more sustainable future for generations to come.

ONE DAY NATIONAL LEVEL SEMINAR ON

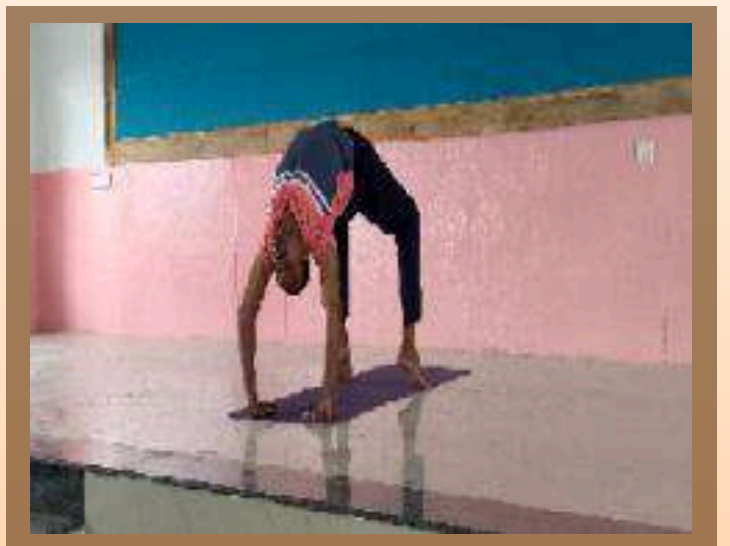
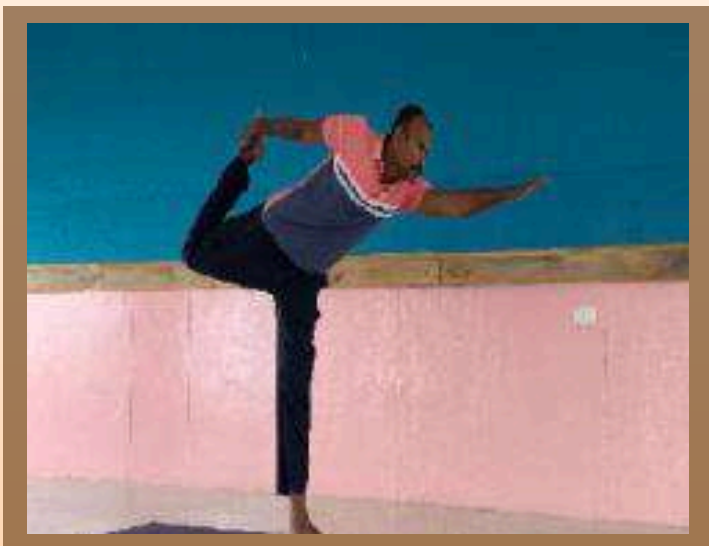
"ENERGY EFFICIENT IOT SOLUTIONS ON GREEN HOUSE AUTOMATION"



The Department of Electrical and Electronics Engineering successfully organized a One-Day National Level Seminar on "Energy Efficient IoT Solutions on Greenhouse Automation" on 19.03.2025, with the participation of 100 students. The seminar focused on the role of IoT in sustainable agriculture, highlighting how smart technologies can optimize greenhouse environments by monitoring and controlling temperature, humidity, light, and soil moisture. The session emphasized the importance of energy efficiency, explaining how smart sensors, automated controls, remote monitoring, and data analytics help reduce operational costs, lower energy consumption, and enhance crop productivity. Participants gained insights into real-time data monitoring, resource management, and predictive analytics, which contribute to sustainable farming with minimal environmental impact. The seminar underscored the future of greenhouse automation as a key driver for eco-friendly and efficient agricultural practices, reinforcing the need for technological advancements in farming to ensure food security while preserving natural resources.

ALUMNI GUEST LECTURE ON "PHYSICAL ACTIVITY-YOGA"

The Department of Electrical and Electronics Engineering successfully organized a non-academic event, "Physical Activity – YOGA," on 14.03.2025, with the participation of 150 students. The event aimed to promote the importance of yoga as a daily practice for overall well-being. Yoga is more than just physical postures; it is a holistic discipline that enhances both mental and physical health. The session highlighted how yoga fosters mindfulness, reduces anxiety, and promotes emotional well-being through pranayama and meditation. Participants learned about the benefits of yoga in improving flexibility, strengthening core muscles, and preventing injuries, along with its role in enhancing circulation, boosting immunity, and increasing energy levels. Additionally, yoga was emphasized as a tool for improving concentration, better sleep quality, and fostering disciplined habits that extend to various aspects of life, including healthier food choices and improved work routines. The event successfully motivated students to incorporate yoga into their daily lives for a balanced and healthier lifestyle.



ONE DAY NATIONAL SEMINAR ON

"SUSTAINABLE INNOVATIONS IN FOOD PACKAGING, PROCESSING, AND READY-TO-EAT CONVENIENCE FOODS"



The Department of Food Technology organized a One Day National Seminar on "Sustainable Innovations in Food Packaging, Processing, and Ready-to-Eat Convenience Foods" on March 14, 2025. The event featured expert talks on sustainable packaging, novel food processing techniques, and convenience foods. Engaging non-technical events like "Connections" and "Build a Food Factory" added excitement. The seminar, held at APJ Hall, saw enthusiastic participation, and certificates were awarded to all attendees. Dr. M. P. Murugesan, Professor / Food Technology, served as the Organizing Secretary.

AN ALUMNI GUEST LECTURE ON

"VALUE ADDITION AGRO PRODUCT: OPPORTUNITIES AND CHALLENGES"



The Department of Food Technology successfully organized an Alumni Guest Lecture on "Value Addition Agro Product: Opportunities and Challenges" on March 27, 2025, at Classroom 204. The session focused on the significance of value addition in agro-products, exploring emerging industry opportunities and challenges. The speaker provided real-world insights and strategies for enhancing product value and marketability, inspiring students to innovate in food processing. With active participation and engaging discussions, attendees gained a deeper understanding of industry trends and practical applications. The event was successfully coordinated by Ms. Sindhuja, TA/FT, and Ms. Chithra, AP/FT, reinforcing the department's commitment to bridging the gap between academia and industry.

AN INDUSTRIAL GUEST LECTURE ON "MODERN TRENDS IN READY-TO-EAT AND CONVENIENCE FOODS"



The Department of Food Technology at Excel Engineering College (Autonomous), Namakkal, successfully organized an Industrial Guest Lecture on "Modern Trends in Ready-to-Eat and Convenience Foods" on February 26, 2025, at APJ Hall. The session featured Ms. B. S. Akalya, Production Supervisor, Mayil Mark Pvt Ltd, Coimbatore, as the resource person, who provided insights into the latest advancements, processing techniques, and consumer trends in ready-to-eat foods. Key topics covered included food safety, packaging innovations, and market demands, offering students a comprehensive industry perspective. A total of 116 students from the 2nd and 3rd year actively participated and benefitted from the session. The event was coordinated by M. P. Murugesan, ASP/FT, and concluded with a vote of thanks by Dr. G. Srinivasan, HoD, successfully bridging academic knowledge with industry practices and enriching students' learning experience.

AN INDUSTRIAL GUEST LECTURE ON “Full-Stack Real-Time Web Development with Laravel and JavaScript”



The Department of Information Technology at Excel Engineering College successfully organized a session on “Full-Stack Real-Time Web Development with Laravel and JavaScript” on March 13, 2025. The session focused on integrating Laravel’s robust backend capabilities with JavaScript’s dynamic frontend to develop interactive web applications. Participants explored Laravel’s database management, authentication, and API development features, along with JavaScript frameworks like Vue.js and React for enhanced user experiences. The session also covered real-time functionalities, including live updates and notifications, using WebSockets, Laravel Echo, and Pusher. The event provided valuable insights into modern web development trends, equipping students with essential skills for building scalable, real-time applications.

A TWO-DAY SESSION ON “Artificial Intelligence and Machine Learning”

The Department of Information Technology at Excel Engineering College organized a two-day session on "Artificial Intelligence and Machine Learning" on March 27–28, 2025. The session explored how AI and ML are revolutionizing software development by enabling applications to learn from data, recognize patterns, and make intelligent decisions with minimal human intervention. Key topics included chatbots, recommendation systems, fraud detection, and predictive analytics, showcasing their impact across industries. The discussion also emphasized ethical AI practices, model interpretability, and continuous learning to ensure fairness and reliability in AI applications. As AI and ML continue to evolve, the session highlighted their role in automation, efficiency, and personalized user experiences, preparing students for the future of intelligent software development.



AN ACADEMIC GUEST LECTURE ON "Application of Gantry Girder in Steel Structures"



The Department of Civil Engineering at Excel Engineering College organized an academic guest lecture on "Application of Gantry Girder in Steel Structures" on March 4, 2025. The session was delivered by Dr. M. Arun, an esteemed professor from PSG Institute of Technology and Applied Research, Coimbatore. Dr. Arun provided valuable insights into the design, analysis, and applications of gantry girders in steel structures, emphasizing their significance in industrial buildings and material handling systems. The lecture effectively bridged the gap between theoretical knowledge and practical applications, offering students a deeper understanding of the subject. The session concluded with an interactive discussion, where students and faculty engaged in a meaningful exchange of ideas. Overall, the event was a great learning experience, enriching participants with industry-relevant knowledge.

SEMINAR ON THE CRUCIAL TOPIC "Building Smart: Guidance For DTCP Approval"

The Department of Civil Engineering at Excel Engineering College successfully hosted a seminar on 11th March 2025 on the vital topic, "Building Smart: Guidance for DTCP Approval."

The session featured Er. M. Muthuvel, Managing Director of Sree Ayyanar Associates, Erode, as the esteemed speaker. He provided invaluable insights into DTCP (Directorate of Town and Country Planning) approval procedures, regulatory requirements, and strategic planning for land development and construction projects.

The seminar focused on essential aspects such as zoning regulations, land use planning, and compliance with government norms, all of which are critical for aspiring civil engineers. The interactive session allowed students and faculty to engage in meaningful discussions, enhancing their understanding of smart urban planning and legal approvals.

This insightful seminar bridged the gap between academia and industry practices, equipping participants with practical knowledge that will aid them in their future careers. The Department of Civil Engineering continues its commitment to organizing impactful learning experiences for its students.



INDUSTRIAL GUEST LECTURE ON “The art of space planning -optimizing layouts for functionality and flow”



The Department of Civil Engineering at Excel Engineering College successfully organized an Industrial Guest Lecture on 5th March 2025 on the essential topic, "The Art of Space Planning – Optimizing Layouts for Functionality and Flow."

We were privileged to have Mrs. Monisha Sivalingam as the esteemed speaker. She provided invaluable insights into interior design principles, effective space utilization, and planning strategies that enhance both functionality and aesthetics.

The session was highly engaging and interactive, allowing attendees to explore modern approaches to spatial design and layout optimization. Participants gained valuable knowledge, hands-on skills, and networking opportunities, making the event a resounding success.

The Department of Civil Engineering remains committed to bridging industry and academia by hosting insightful sessions that equip students with practical knowledge. We look forward to organizing more such events in the future.

ACADEMIC GUEST LECTURE ON “Reduction of Air Pollution Through Agro Biomass”

The Department of Civil Engineering at Excel Engineering College successfully organized an academic guest lecture on 13th March 2025 on the crucial topic, "Reduction of Air Pollution Through Agro Biomass."

We were honored to have Dr. V. Sampathkumar as the esteemed speaker, who provided valuable insights into the role of agro biomass in reducing air pollution. He discussed the development of agro biomass, the production of briquettes as solid fuel, and its impact on sustainable energy solutions.

The session emphasized the importance of air pollution reduction and highlighted various bio and environmental safety measures. Attendees gained immense learning opportunities on eco-friendly fuel alternatives and their role in mitigating pollution.

The Department of Civil Engineering continues to promote awareness of environmental sustainability and remains dedicated to bridging academic knowledge with real-world applications.



AN INDUSTRIAL GUEST LECTURE ON "Balancing Creativity and Functionality in Design Engineering"



The Department of Aeronautical Engineering at Excel Engineering College (Autonomous) successfully organized an Industrial Guest Lecture on "Balancing Creativity and Functionality in Design Engineering" on 1st March 2025. The event commenced with a welcome address by Dr. A. Sivakumar, Professor & Head of the Department, emphasizing the importance of design engineering in modern industries. Mr. J. Senthil Kumar introduced the chief guest, Mr. T.M. Sedhupathi Raja, Design Manager at Beth Lifestyle Pvt. Ltd., Bangalore, highlighting his expertise in design, manufacturing, and engineering tools. Mr. Sedhupathi Raja delivered an insightful session covering key topics such as the essential skills for design engineers, career roadmaps, GD&T, component measurement, Finite Element Analysis (FEA) basics, and the impact of micro-management in design. A total of 124 students actively participated, engaging in discussions and Q&A sessions. The event, coordinated by Mr. S. Prabhu and Mr. J. Senthil Kumar, Assistant Professors, was well-received by students, who appreciated the practical examples and real-world industry insights. The session effectively bridged the gap between academic knowledge and industry practices, inspiring students to explore opportunities in design engineering and product development.

INDUSTRIAL GUEST LECTURE – "Structural Engineering Challenges in Modern Aerospace Design"

The Department of Aeronautical Engineering at Excel Engineering College (Autonomous) successfully hosted an Industrial Guest Lecture on "Structural Engineering Challenges in Modern Aerospace Design" on 1st March 2025 at Dr. A.P.J. Abdul Kalam Seminar Hall. The session commenced at 9:45 AM with a warm welcome to the distinguished speaker, Mr. P. Dinesh Kumar, Senior Design Engineer at Quest Global Engineer Services Pvt. Ltd., Bangalore. The lecture provided students with invaluable insights into aeronautical design requirements, industry demands, aircraft structural design, and career opportunities in aerospace engineering. The interactive session allowed students to engage with the expert and gain clarity on various aspects of structural engineering. The event was convened by Dr. A. Sivakumar, HoD, Aeronautical Engineering, and coordinated by Mr. S. Karthik and Mr. S.R. Arun, attracting enthusiastic participation from students, faculty, and research scholars. The session proved to be an enriching experience, bridging the gap between academic learning and industrial applications, and preparing students for future career opportunities in aerospace engineering. The Department extends its heartfelt gratitude to Mr. P. Dinesh Kumar for sharing his expertise and inspiring budding aeronautical engineers.



THREE-DAY NATIONAL LEVEL SEMINAR ON

Anusandhan National Research Foundation (ANRF) sponsored National level Seminar on "Taking Flight with AI: Transforming Aerospace through Data and Innovation"

The Department of Aeronautical and Mechanical Engineering at Excel Engineering College successfully organized a Three-Day National Level Seminar on "Taking Flight with AI: Transforming Aerospace Through Data and Innovation" from 13th to 15th March 2025, sponsored by Anusandhan National Research Foundation (ANRF). The seminar was coordinated by Mr. M. Sanjay and Mr. P. Nithiyanand, Assistant Professors, and commenced with a welcome address by Dr. A. Sivakumar, Professor, followed by a felicitated address from Dr. Jeevanantham, Dean, School of Electrical. The inaugural session featured Sqn Ldr. R. Sathasivam, Associate NCC Officer, KSR College of Technology, Tiruchengode, who discussed the future of autonomous flight, followed by Corporal Daniel Deepak, Indian Air Force, 5-TN NCC Office, Salem, addressing AI applications in flight technology. The second day featured insightful sessions by Dr. A. Sankaran, Director of Bloom BioTech and Former Academic Director, NEIT, Coimbatore, on AI and ML applications in aerospace, and Fg. Off. D. Rohini, Associate NCC Officer & Assistant Professor, Bannari Amman Institute of Technology, Sathyamangalam, who elaborated on AI-enabled supply chains and manufacturing efficiency. The final day included a session by Dr. M. Senthil Kumar, Professor & HoD, Kumaraguru College of Technology, Coimbatore, on data analytics and predictive maintenance, followed by Fg. Lt. Dr. M. Mohanraj, Associate NCC Officer & Associate Professor, Government College of Engineering, Salem, who discussed AI research and development in aerospace. Students actively engaged in discussions, clarified their doubts, and shared positive feedback. The seminar concluded with a valedictory function, where participants received certificates, and Prof. M. Sanjay delivered the vote of thanks, marking the successful completion of an enriching and insightful event.



WORKSHOP ON

“Safety Management Systems for workplace and Integrating Sustainability for Long-Term Success”



The Department of Safety and Fire Engineering at Excel Engineering College successfully organized a workshop on “Safety Management Systems for Workplace and Integrating Sustainability for Long-Term Success” on [date]. The session aimed to equip participants with essential knowledge and strategies to establish effective safety management systems while incorporating sustainability practices for long-term organizational success.

The workshop emphasized the importance of workplace safety, covering key aspects such as risk assessment, hazard identification, and emergency response protocols. It also focused on fostering a safety culture that integrates seamlessly into daily business operations.

A significant part of the session was dedicated to sustainability in safety management, highlighting how organizations can align environmental, social, and economic factors with safety practices. Participants explored ways to reduce environmental risks, promote resource efficiency, and enhance overall workplace safety.

Through interactive discussions and real-world case studies, attendees gained valuable insights into resilient, compliance-driven strategies that ensure both employee well-being and environmental responsibility. The workshop successfully provided a holistic approach to workplace safety, reinforcing the importance of long-term sustainability and risk management in today’s industries.

ALUMNI GUEST LECTURE ON

"Behavior Based Safety (BBS) and Human Factors in High Risk Industries"

The Department of Safety and Fire Engineering at Excel Engineering College successfully organized an insightful guest lecture on "Behavior Based Safety (BBS) and Human Factors in High-Risk Industries." The session focused on the critical role of human behavior and cognitive factors in maintaining safety in high-risk sectors such as manufacturing, oil and gas, construction, and chemical processing.

The lecture highlighted the principles of BBS, a proactive safety approach aimed at observing and modifying employee behaviors to prevent accidents and enhance workplace safety. By identifying unsafe behaviors and encouraging safe practices, BBS fosters a culture where safety becomes an integral part of daily operations. Another key focus was the impact of human factors on safety outcomes, particularly in environments where decision-making under pressure, fatigue, stress, and communication breakdowns can lead to critical errors. The session emphasized the need for human error analysis and cognitive bias awareness to improve safety protocols.

Industry experts provided valuable insights into integrating BBS strategies and human factor analysis into safety programs. Through real-life case studies and research findings, the lecture reinforced the significance of continuous training, feedback systems, and leadership commitment in fostering a strong safety culture. The event successfully underscored how behavior-focused safety measures and human factor awareness can drastically reduce workplace incidents, ensuring a safer and more efficient work environment in high-risk industries.



"KRISHI FEST (A MIND MARATHON)"

The Excel Vidhaigal Club, Department of Agricultural Engineering, Excel Engineering College (Autonomous), successfully organized "KRISHI FEST (A MIND MARATHON)" on March 7, 2025. The event aimed to foster innovation, creativity, and entrepreneurial thinking among students in the field of agriculture and agribusiness.

The event commenced with a welcome address by Mr. S. Inbatamil, Club President, followed by Ms. G. Karthigadevi, Club Treasurer, who shared the event rules and regulations. Students actively participated in teams, showcasing their skills in product identification, value-added project ideation, and on-the-spot entrepreneurial idea generation.

The event encouraged students to think critically about agricultural innovations and develop solutions that could contribute to sustainable farming and agribusiness. The program concluded at 1:00 PM with a vote of thanks by Mr. M. Srikanth, Club Secretary, marking the success of KRISHI FEST in inspiring young minds towards agriculture-driven entrepreneurship.



A NATIONAL LEVEL SEMINAR ON "Sustainable Agricultural Practices and Emerging Technologies for Young Farmers"



The Department of Agricultural Engineering, Excel Engineering College (Autonomous), successfully organized a National Level Seminar on "Sustainable Agricultural Practices and Emerging Technologies for Young Farmers" on March 28, 2025. The event commenced with a welcome address by Dr. K. P. Vishalakashi, Head of the Department, followed by Mr. V. R. Vellingiri, Assistant Professor, who welcomed the guest speakers.

The seminar covered key topics under Sustainable Agricultural Practices, including soil conservation, crop rotation, organic farming, agroforestry, and water harvesting. Discussions on emerging technologies focused on precision agriculture, artificial intelligence, IoT, vertical farming, and biotechnology, highlighting their potential to revolutionize modern farming. Additionally, the session emphasized young farmers and entrepreneurship, addressing youth engagement, entrepreneurial opportunities, access to finance, networking, and policy support. The final segment explored implementation and scaling up, stressing the importance of extension services, capacity building, partnerships, monitoring, and expansion strategies.

The seminar provided an enriching platform for participants to explore innovative agricultural solutions and understand the role of technology and entrepreneurship in modern farming. The event concluded at 1:00 PM with a vote of thanks by Mr. C. Manoj Prabhu, Assistant Professor, marking a successful and insightful knowledge-sharing session.

“Rally Towards Environmental Awareness (Ban of Plastics usage)”

The Department of Mechanical Engineering at Excel Engineering College organized an impactful Awareness Rally on Plastic Ban on 26.03.2025, aimed at addressing the escalating issue of plastic pollution and encouraging the adoption of eco-friendly alternatives. Plastic pollution continues to pose serious threats to ecosystems, wildlife, and human health, and this rally was a proactive step toward combating the crisis through public awareness and engagement.

The rally, inspired by similar efforts such as the 2018 student-led event in Komarapalayam, saw enthusiastic participation from faculty and students. Approximately 73 participants marched with banners, placards, and distributed eco-friendly bags to promote the message of reducing plastic usage. The event served as a powerful platform to educate the public, influence behavior, and advocate for legislative action supporting the ban on plastic.

By organizing such initiatives, the Department demonstrated a strong commitment to environmental sustainability, urging the community to adopt responsible practices. The rally successfully emphasized the importance of collective action, community participation, and policy advocacy in the journey toward a plastic-free and healthier planet.



INDUSTRIAL GUEST LECTURE ON “Emerging Trends in oil and gas industry for Mechanical Engineers”



The Department of Mechanical Engineering at Excel Engineering College successfully organized an Industrial Guest Lecture on the topic “Emerging Trends in the Oil and Gas Industry for Mechanical Engineers” on 10.03.2025. The session aimed to equip students with comprehensive knowledge of current technological advancements, industry developments, and potential career paths in the dynamic oil and gas sector.

The event featured Er. K. Gunasekar, Lead Project Engineer at Lokoil Middle East, Dubai, UAE, as the distinguished speaker. With his extensive experience, Er. Gunasekar provided deep insights into various facets of the industry, covering upstream, midstream, and downstream processes. He also shed light on emerging technologies like automation, artificial intelligence, and robotics, and their growing role in transforming oil and gas operations.

Students actively engaged in the session, raising thoughtful questions and participating in a lively discussion that enhanced their understanding of the industry's future. The interactive Q&A session helped bridge theoretical learning with practical applications, making the lecture highly impactful.

The session concluded with a vote of thanks by Dr. S. Karthick, who expressed sincere appreciation to the guest speaker for his valuable time and knowledge sharing. Overall, the lecture proved to be a meaningful initiative in aligning academic knowledge with industry expectations, inspiring students to explore opportunities in the oil and gas domain.

WORKSHOP ON

"Waste to Wealth: Converting Home Waste into Horticultural Resources"



The Department of Agricultural Engineering, Excel Engineering College (Autonomous), successfully conducted a workshop on "Waste to Wealth: Converting Home Waste into Horticultural Resources" on March 27, 2025. The event commenced with a welcome address by Dr. K. P. Vishalakashi, Head of the Department, followed by Mr. S. Rameshkumar, Assistant Professor, who guided students through the session.

The workshop focused on home waste management and its transformation into valuable horticultural resources. Key discussions covered types of home waste (organic and inorganic), composting methods, vermicomposting, and recycling techniques. Participants gained insights into producing compost, biogas, and recycled products, highlighting their environmental and economic benefits. Challenges such as initial investment, space management, and odor control were also addressed.

The session provided practical knowledge on sustainable waste management and its impact on horticulture. The event concluded at 4:30 PM with a vote of thanks by Mr. C. Manoj Prabhu, Assistant Professor, marking an informative and engaging learning experience for all attendees.

THE GREEN CLUB AND SWACHH BHARAT TREE PLANTATION DRIVE TITLED

“Clean and Green: Transforming Our Village Schools”



The Green Club and Swachh Bharat of Excel Engineering College successfully organized a Tree Plantation Drive titled "Clean and Green: Transforming Our Village Schools" at Government Higher Secondary School (GHSS), Chettipati, on March 6, 2025.

The initiative aimed to promote environmental awareness and enhance greenery in rural schools. Volunteers actively participated in planting saplings, ensuring their proper placement and care for long-term growth. The event highlighted the importance of afforestation and sustainability in educational institutions.

The school staff and students extended their support and appreciation for this meaningful effort. This initiative reinforced Excel Engineering College's commitment to sustainable development and community service, encouraging a greener future for all.

AN INAUGURATION OF THE LEADERSHIP NEXUS CLUB

The Leadership Nexus Club was inaugurated on 28th March 2025 at 01:00 PM in Pavayammal Hall, marking a significant milestone in fostering leadership, teamwork, and innovation. The event inaugurated with the prayer song and commenced with a warm welcome address by K. Shanmathi, I B.Tech Information Technology, followed by an inspiring speech from the esteemed guest Mrs. P. Sudha /ASP, Co-ordinator, Department of Mathematics, who shared valuable insights on effective leadership. S. Sathiya, I B.Tech Information Technology, introduced the importance of the club, highlighting its mission and objectives. A key moment of the event was the official unveiling of the club's logo, representing unity and vision. Club members then took a pledge to uphold the principles of integrity, collaboration, and problem-solving. The event also featured engaging leadership activities, including teamwork exercises and problem-solving challenges, designed to enhance critical thinking and cooperation. The program concluded with a heartfelt vote of thanks by S. Logesh, I B.Tech Information Technology, who expressed gratitude to everyone who contributed to the successful launch of the club, marking the beginning of a journey toward leadership excellence. The Club was successfully inaugurated by Dr. K. Saravanan, ASP/English and Ms. P. Sharmila devi, AP/English.



INDIAN HERITAGE CLUB



The program was arranged by the Indian Heritage and English Literary Club under the guidance of Dr.K.Bommanna Raja. The Principal presided over the function, Dr.K.Saravanan, Associate Professor of English, welcomed the gathering including the faculties members of English Department and Ms.P. Sharmila Devi, Assistant Professor of English, gave a Deep introduction about the club and Ms. Monisha Venkatachalam, Assistant Professor of English delivered the Welcome address. The program was coordinated by Ms. Ms.Monisha Venkatachalam, Assistant Professor of English and Ms. G. Revathi Assistant Professor of English about 183 students and faculty members have attended the programme. The Chief Guest Dr. C. Samonraj, Assistant Professor of English, Excel Engineering College (Autonomous), Komarapalayam delivered a “Traditional Festivals: Highlighting Customs and Rituals Through Performance and Art” to the participants. Apart from this, he had shared his experience with the participants in the interactive session. We had conducted the following competitions such as Symbolic studio, Page Portraits and Canvas of Classics. Finally, the program was concluded by Ms.G. Revathi ,Assistant Professor of English by delivering Vote of thanks and National anthem.

ENTREPRENEURSHIP DEVELOPMENT CELL:

“AWARENESS PROGRAM ON MSMES, EDII SCHEMES”

The Entrepreneurship Development Cell (EDC) of Excel Engineering College (Autonomous), Komarapalayam, in association with the Micro, Small, and Medium Enterprises (MSME) department, Entrepreneurship Development and Innovation Institute (EDII), Tamil Nadu, and the Department of Industries and Commerce, organized an Awareness Program on MSMEs and EDII Schemes on March 28, 2025, at Paavayamal Hall, Excel Engineering College.

The session was led by Mr. G. Vasudevan, District Coordinator, EDII-TN, Namakkal District, who provided insightful information on MSME policies, TN Business Facilitation Act, incentive schemes, and entrepreneurship development programs. Key topics included the New Entrepreneur-cum-Enterprise Development Scheme, Prime Minister’s Employment Generation Scheme, and Annal Ambedkar Business Champions Scheme.

The program was coordinated by Mr. K. Arulkumar, AP/MECH, under the guidance of Dr. E. R. Sivakumar, ASP/SFE. This initiative successfully empowered participants with valuable knowledge on entrepreneurial opportunities, financial aid, and government schemes to foster business growth.



CLUBS & EVENTS

ENGLISH LITERARY CLUB: WORLD POETRY DAY CELEBRATION



The English Literary Club celebrated World Poetry Day on March 25, 2025, at TVR Hall. The program commenced with a warm welcome address by Mrs. P. Subathra, Assistant Professor of English. This was followed by the inaugural address delivered by Ms. Ashmin, Student Coordinator.

Dr. K. Saravanan, Associate Professor of English, delivered the presidential address, eloquently highlighting the significance and beauty of poetry across all literary traditions. A special highlight of the event was the release of *VORTEX*, a poetry collection authored by Dr. C. Samsonraj, Assistant Professor of English, adding to the grandeur of the occasion.

Students actively participated with great enthusiasm, showcasing their poetic talents through recitations of their own compositions. The event concluded with a heartfelt vote of thanks by Ms. Pavithra, Student Coordinator.

DEPARTMENT OF COMPUTER APPLICATION

"DATA DRIVEN DECISIONS AND FUTURE OF ANALYTICS: UNLOCKING INSIGHTS WITH AI & BIGDATA"

The Department of Computer Applications, Excel Engineering College, successfully organized an Industry Guest Lecture on March 1, 2025, at A1 Block Thiruvalluvar Hall. The session focused on the transformative power of AI and Big Data in driving data-driven decision-making and future analytics trends.

The event provided valuable insights into how AI and Big Data enable businesses to extract meaningful patterns, enhance decision-making, and optimize operations. Industry experts discussed real-world applications, predictive analytics, and emerging innovations shaping the digital landscape. The program was coordinated by Mr. M. K. Nageswaran, AP/MCA, and Dr. U. Sridevi, AP/MCA, under the leadership of Dr. Velumani P.S., Professor & HoD-MCA. The interactive session enriched participants with industry-relevant knowledge and practical insights, reinforcing the role of AI and Big Data in modern computing.



CAREER ADVANCEMENT AND HIGHER EDUCATION CELL "MEMORANDUM OF UNDERSTANDING - MOU"



The Career Advancement and Higher Education Cell of Excel Engineering College (Autonomous) proudly signed a Memorandum of Understanding (MoU) with Payana Overseas Solutions on 28th March 2025. This strategic partnership aims to provide enhanced opportunities for students aspiring to pursue higher education abroad and explore global career prospects.

The MoU focuses on offering guidance and support for overseas education, including counseling, university application assistance, visa processing, and skill development for international standards. Through this collaboration, students will benefit from expert mentorship, access to international academic institutions, and increased exposure to global career pathways.

This initiative reflects Excel Engineering College's continuous commitment to student development and global readiness. The Career Advancement and Higher Education Cell extends its gratitude to Payana Overseas Solutions for their support and looks forward to a fruitful association that empowers students to achieve their international academic and professional goals.

WOMEN EMPOWERMENT CELL "INTERNATIONAL WOMEN'S DAY CELEBRATION"

On 07.03.2025, the Women Empowerment Cell of Excel Engineering College organized a vibrant International Women's Day Celebration at the Excel Convention Centre, graced by distinguished guests including Hon'ble Mrs. T. Malathi B.Sc., B.L, Judicial Magistrate, Komarapalayam, Mrs. Naveena, Judicial Magistrate, Komarapalayam, Mrs. Maheswari and Mrs. C. Anbuselvi, Inspectors of Police, Economic Offence Wing, Erode District, and Mrs. P. Banupriya, Founder of POPUP BEAUTY LOUNGE & ACADEMY, who served as the chief guest. The dignitaries delivered inspiring speeches highlighting the pivotal role of women across various sectors, encouraging students and faculty alike to pursue excellence and equality. As part of the celebration, medals were awarded to students and staff for their achievements in competitions, and the event concluded with vibrant cultural performances that honored and celebrated the spirit of women empowerment.



EXCELENTA 25

CULTURAL FESTIVAL



Excel Engineering College hosted the much-awaited **EXCELLENTA 2025**, a grand cultural festival that brought together students from various disciplines to showcase their talents and celebrate artistic expression. The event witnessed a massive participation of over 7500 students, making it one of the most vibrant and energetic festivals of the year.

The festival was graced by esteemed guests, including **Actress Kayadu Lahor, VJ Vijay, VJ KIKI, and Vijay TV Super Singers Aravind Srinivas & Priya Jerson**. Their presence added immense excitement, and their performances enthralled the audience.

The event featured a variety of cultural performances, including dance, music, drama, and creative arts, highlighting the diverse talents of students. Alongside the entertainment, an academic report was presented by Engineering College, Commerce and Science College, and Polytechnic College, reflecting their achievements and milestones.

Awards were distributed to Engineering College, Commerce and Science College, Architecture, and B.Ed departments for their excellence in academics and cultural contributions. The event commenced with a welcome address by **Vice Chairman Dr. N. Mathan Karthi** and concluded with a heartfelt vote of thanks by the Technical Director.

Dignitaries, faculty members, and students came together to make **EXCELLENTA 2025** a resounding success, leaving behind unforgettable memories and setting a benchmark for future celebrations. The festival was a true testament to the spirit of creativity, teamwork, and excellence at Excel Engineering College.

THALIR CLUB

DONATION DRIVE TO ORPHANAGE: "LEND A HAND, SHARE A HEART"



On 29.03.2025, the Excel Thalir Club of Excel Engineering College successfully organized a heartfelt donation drive titled "Lend a Hand, Share a Heart" to support an orphanage. The initiative aimed to extend kindness and assistance to underprivileged children by providing essential supplies, including food, clothing, and educational materials. The event was coordinated by Mr. M.K. Anandkumar and Ms. K.S. Nanthini, who, along with student volunteers, actively participated in collecting and distributing donations. The visit to the orphanage was an enriching experience, as students engaged with the children through interactive activities, games, and motivational sessions, spreading joy and encouragement. This noble initiative reflected the spirit of social responsibility and compassion, reinforcing the commitment of Excel Thalir Club towards community welfare and humanitarian efforts.

ISTE STUDENT CHAPTER

LOGO DESIGN COMPETITION (ENVIRONMENTAL AWARENESS)

The ISTE Student Chapter of Excel Engineering College successfully conducted a Logo Design Competition on the theme of Environmental Awareness on March 12, 2025, at the Smart Room (A4201). The event aimed to foster creativity and raise awareness about environmental sustainability among students. Participants showcased their artistic and conceptual skills, with the top three designs receiving cash prizes. The competition was organized and coordinated by Mr. M. Sanjay, Faculty Advisor (TN244), ensuring its smooth execution. The winning logos were displayed, recognizing the students' innovative efforts and ideas. This event served as an inspiring platform for students to express their commitment to environmental conservation through design.



YRC CLUB HEALTH CARE PUBLIC AWARENESS PROGRAM



The Youth Red Cross (YRC) Club of Excel Engineering College actively participated in a Healthcare Public Awareness Programme at Government Hospital (GH), Komarapalayam, on March 7, 2025. The initiative, organized in collaboration with EEC-YRC/RRC/YI Clubs, focused on educating the public under the theme "Building a Healthier Future Together."

Volunteers conducted interactive sessions on hygiene, first aid, and preventive healthcare measures, engaging patients and visitors in meaningful discussions. The event was graced by Dr. Bharathi, Dr. Arun, Nursing Superintendent Jeenath, and T. Menaka, who highly appreciated the efforts of the YRC volunteers in spreading health awareness.

The programme was successfully coordinated by Ms. P. Parameshwari (AP/English) and Ms. M. Revathi (AP/Physics), under the guidance of Dr. C. Karthikeyini (Director - Academics), Dr. S. Anbukaruppusamy (Director - Administration), and Dr. K. Bommanna Raja (Principal & Executive Director).

The event concluded on a motivational note, encouraging students to actively participate in social service initiatives and contribute to community well-being.

ROTARACT CLUB WORLD ROTRACT DAY

The Rotaract Club of Excel Engineering College proudly celebrated World Rotaract Day on March 13, 2025, with a series of impactful events promoting service and social responsibility.

The event commenced with the honoring of esteemed Rotary officials from Erode Central, recognizing their contributions to community welfare. A significant milestone was achieved as the club facilitated the signing of Memorandums of Understanding (MoUs) with Erode GH Blood Bank and Tamil Nadu Volunteers Blood Bank, Erode, strengthening partnerships for future humanitarian efforts.

As a key highlight, a blood donation camp was successfully organized in collaboration with Erode GH Blood Bank and Tamil Nadu Volunteers Blood Bank, where an impressive 186 units of blood were collected, contributing to life-saving medical support.

The celebration reinforced the Rotaract Club's dedication to service, collaboration, and making a meaningful impact on society.

