



# Excël<sup>TM</sup>

## ENGINEERING COLLEGE

AUTONOMOUS

# NEWS

## *Bulletin*

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NH-544, SALEM - COIMBATORE HIGHWAY,  
KOMARAPALAYAM - 637 303, TAMIL NADU, INDIA.

**CELL: +91 98427 13789**

**[excelinstitutions.com](http://excelinstitutions.com)**

# 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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## ALUMNI GUEST LECTURE “DIGITAL TWINS”



The Department of ELECTRONICS AND COMMUNICATION ENGINEERING at Excel Engineering College (Autonomous), Namakkal-637303, successfully organized an Alumni Guest Lecture on the topic “Digital Twins” on 9th April 2025 at 10:00 AM in Kandhasamy Hall. The session was graced by our distinguished alumnus, Dr. Elanchezian Arulmozhi, Senior Research Fellow, Department of Biosystem Engineering, Gyeongsang National University, South Korea. Dr. Elanchezian delivered an insightful lecture on the concept of Digital Twins, elaborating on its real-world applications, significance in various industries, and future potential. He also shared his valuable experiences and research journey, offering inspiration and guidance to aspiring students. Faculty members and students from the department actively participated in the session. The lecture provided an excellent opportunity for students to gain knowledge and ideas about the innovative concept of Digital Twins, expanding their academic and career perspectives. The department expresses its gratitude to Dr. Elanchezian for his valuable contribution and looks forward to hosting more such enlightening sessions in the future.



## ALUMNI GUEST LECTURE “EMERGING TRENDS AND CAREER PROSPECTS IN THE PETROCHEMICAL SECTOR”

The Department of Petrochemical Technology, Excel Engineering College (Autonomous), Namakkal – 637303, successfully organized an Alumni Guest Lecture on “Emerging Trends and Career Prospects in the Petrochemical Sector” on April 1, 2025, from 12:00 PM to 1:00 PM via Google Meet. The session featured our distinguished alumnus, Mr. Thamjid Ahamed Khan R I, Process Engineer at Ifluids Engineering, India, and TKavin Engineering, Oman, as the resource person. He shared valuable insights into the current advancements and career pathways within the petrochemical industry, offering practical knowledge drawn from his professional experience in both national and international settings. The session was well-received by students and faculty members, providing them with an in-depth understanding of industry expectations and opportunities. The event was convened by Dr. G. Srinivasan, HoD/PCT, and coordinated by Mr. P. Santhosh and Mr. C. Harshaavardhan.

## AWARENESS PROGRAM ON “PERSONALITY DEVELOPMENT AND MASS COMMUNICATION”

On behalf of the Department of Petrochemical Technology, Excel Engineering College (Autonomous), Namakkal – 637303, a non-event awareness program was successfully organized on April 2, 2025, in the college seminar hall. The session focused on the theme “Personality Development and Mass Communication” and aimed to enhance students' understanding of self-growth and the role of effective communication in career development. Dr. Ashok Kumar, Professor of English, served as the esteemed resource person. He delivered an enlightening lecture highlighting the significance of personality development in achieving placement success and explained how mass communication—through TV, magazines, and the internet—can be a powerful tool for gaining knowledge and staying informed. The program was attended by all students of the PCT department and proved to be highly informative and beneficial in shaping their personal and professional outlook.



## MOU SIGNING AND INDUSTRIAL GUEST LECTURE ON "CAREER AWARENESS FOR PETROCHEMICAL TECHNOLOGY GRADUATES"



The Department of Petrochemical Technology, Excel Engineering College (Autonomous), Namakkal – 637303, proudly signed a Memorandum of Understanding (MoU) with Chemin Enviro Systems Pvt. Ltd., SIPCOT, Perundurai on April 3, 2025. Chemin Enviro Systems is a leading manufacturer specializing in the design, fabrication, erection, and commissioning of Multiple Evaporator Systems catering to a wide range of industrial applications. This collaboration aims to enhance industry-institute interaction, training, and knowledge exchange for the benefit of our students.

In conjunction with the MoU signing, an Industrial Guest Lecture on "Career Awareness for Petrochemical Technology Graduates" was also conducted on the same day at the VKR Library Seminar Hall. The session featured Mr. R. Jude Regis, HR Manager, Chemin Enviro Systems Pvt. Ltd., as the resource person.

The lecture provided an in-depth overview of current industry trends, technological developments, and the skill sets vital for success in the petrochemical sector. Mr. Regis also discussed the recruitment process, industry expectations, and avenues for higher education. The session was highly interactive, with enthusiastic student participation and insightful discussions.

The event was convened by Dr. G. Srinivasan, HoD/PCT, and coordinated by Mrs. P. Manjula and Mr. P. Santhosh, Assistant Professors, PCT.

## FIRST INTERNATIONAL CONFERENCE ON "INNOVATION IN SMART ELECTRONICS FOR SUSTAINABLE DEVELOPMENT ICSESD'25"

The School of Electrical and Communication Engineering (SECE) at Excel Engineering College (Autonomous), Namakkal successfully organized the First International Conference on Innovation in Smart Electronics for Sustainable Development (ICSESD'25) on April 4, 2025. This prestigious event brought together researchers, academicians, industry professionals, and students to explore emerging innovations in smart electronics aimed at fostering sustainable development.

The conference was inaugurated with an inspiring keynote address by Mrs. Vaishnavi Kennedy, AI Developer at Fusion Modulair, Brisbane, Queensland, Australia. Her session provided valuable insights into the integration of artificial intelligence in smart electronic systems and its transformative role in building a sustainable future.

The conference was led by Dr. A. Jeevanandham, Dean/SECE, as the Convener, and efficiently coordinated by Dr. R. Dinesh (ECE), Dr. A. Satheesh Reddy (BME), and Mrs. V. Banureka (EEE). The collective efforts of the organizing team from SECE contributed to the grand success of the event, which served as a vital platform for knowledge exchange and collaborative innovation.





## ONE DAY WORKSHOP ON

## “NON DESTRUCTIVE TESTING METHODS (NDT) AND EVALUATION”



The Department of Mechanical Engineering, Excel Engineering College (Autonomous), Namakkal, successfully conducted a One-Day Workshop on “Non-Destructive Testing Methods (NDT) and Evaluation” on Wednesday, April 16, 2025, starting at 10:00 AM. The workshop was designed to provide participants with a comprehensive understanding of modern NDT techniques and their practical applications in industry. The event witnessed enthusiastic participation from 125 attendees, including 115 students and 10 faculty members. Among the students, 40 were from external institutions, while 75 were from within the college, reflecting the widespread interest in the subject. The session commenced with a warm welcome address by Dr. M. Kathiresan, Head of the Department, who also honored the chief guest. Dr. S. Karthick, Assistant Professor/Mechanical Engineering, introduced the resource person, Mr. Muthusankar Mani, Managing Director of Scan Tech NDT Inspection Services, Trichy. The workshop was effectively coordinated by Dr. S. Karthick and Mr. M. Sampathkumar, Assistant Professors, Mechanical Engineering.

In his keynote address, Mr. Muthusankar Mani delved into the latest advancements in NDT technologies, including Phased Array Ultrasonic Testing (PAUT) and Digital Radiography, while also sharing real-world industrial applications. Drawing from his rich field experience, he presented case studies that emphasized the significance of accuracy, compliance, and continuous professional learning in the evolving landscape of NDT. The afternoon session featured hands-on demonstrations of Ultrasonic Testing (UT) and Radiographic Testing (RT), where participants engaged in practical defect detection activities using actual inspection equipment. This interactive segment enabled students to clarify doubts, explore equipment handling, and understand interpretation techniques in real-time. The session also highlighted the growing impact of automation and AI in NDT analysis and on-site inspections.

The workshop concluded with a vote of thanks delivered by Mr. M. Sampathkumar, marking the end of a highly informative and engaging event. The session received positive feedback from students, who appreciated the opportunity to gain practical insights and direct interaction with an industry expert.

## ONE DAY NATIONAL LEVEL WORKSHOP ON “AGRICULTURE 4.0: SOFTWARE TOOLS FOR PRECISION FARMING AND SUSTAINABILITY”



The Department of Agricultural Engineering, Excel Engineering College (Autonomous), Namakkal, successfully organized a technical workshop on emerging tools and software in precision farming on [insert date, if required]. The program commenced promptly at 9:30 AM with a warm welcome address by Dr. K.P. Vishalakshi, Head of the Department. The first technical session, held from 9:45 AM to 12:15 PM, was conducted by Dr. J. Ramachandran, Faculty of Soil and Water Conservation Engineering, Tamil Nadu Agricultural University (TNAU), Coimbatore. He delivered an insightful session on a suite of digital tools including SURF Software, Cropwot 8.0, QGIS, ArcGIS, BHUVAN, and Google Earth Engine, highlighting their applications in precision farming and sustainable agriculture. Following this, a Poster Presentation session was organized from 12:15 PM to 1:10 PM for external participants, centered on themes such as AI and drone technologies in precision farming, encouraging innovation and idea exchange.

The second technical session, from 2:00 PM to 3:30 PM, was led by Dr. M. Subbulakshmi, Faculty of Agricultural Engineering, Excel Engineering College. She provided a detailed overview of plant breeding and statistical software tools such as Augmented Design 1 & 2, Stability Analysis, Correlation & Path Analysis, and Descriptive Statistics, emphasizing their relevance in agricultural research. The workshop concluded at 4:20 PM with a formal vote of thanks by Mr. D. Logachandran, Assistant Professor, Agricultural Engineering.

The event witnessed active participation from a total of 119 attendees, including 9 faculty members, 57 external participants, and 62 internal students, marking it as a successful and knowledge-enriching experience for all involved.

## YOGA FOR PHYSICAL HEALTH AND WELL BEING



The Department of Agricultural Engineering, Excel Engineering College (Autonomous), Namakkal, organized a special program titled "Yoga for Physical Health and Well-being" on 25th April 2025. The session began at 10:00 AM with a welcome address by Dr. K.P. Vishalakshi, Head of the Department, followed by the introduction of the chief guest by Mrs. M. Vaijyanthi, Assistant Professor, Agricultural Engineering.

The resource person, Dr. Sivaraman Selvasekar, delivered an insightful talk on the importance of incorporating yoga into daily life. He emphasized how regular practice of yoga postures (asanas) can help stretch and strengthen muscles, improve flexibility, enhance balance, and promote better body alignment. He also highlighted how yoga contributes to developing a leaner, more toned physique and reducing the risk of injuries.

Following the lecture, students participated in a practical session where they were guided through basic yogasanas focused on breathing and stretching techniques. The significance of each asana was explained, and the session turned interactive as students posed questions and clarified their doubts with the expert.

A total of 114 participants benefited from this wellness initiative. The program concluded at 1:00 PM with a vote of thanks delivered by Dr. S. Kavitha, Assistant Professor of Mathematics, Department of Agricultural Engineering.



## INTERNATIONAL CONFERENCE ON "BUILDING A SUSTAINABLE FUTURE BY ADOPTING CONTEMPORARY ADVANCES IN ENGINEERING AND TECHNOLOGY"



The Department of Agricultural Engineering, in association with the Department of Civil Engineering, Excel Engineering College (Autonomous), Namakkal, successfully organized the I-CAST – International Conference on Building a Sustainable Future by Adopting Contemporary Advances in Engineering and Technology on 30th April 2025. The event commenced with a welcome address by Dr. S. Shanmugasundaram, Head of the Department of Civil Engineering. This was followed by the release of the conference proceedings and a presidential address by Dr. C. Karthikeyini, Director - Academics, Excel Engineering College.

The highlight of the event was the guest address delivered virtually by Mr. Balaji Mahalingam, Technical Specialist at Weston & Sampson, Connecticut, USA, who shared valuable insights on innovative engineering practices for sustainability and global challenges in technology adoption. His session was well-received by the participants and set the tone for productive discussions throughout the conference. The event concluded at 4:30 PM with a vote of thanks delivered by Dr. K. P. Vishalakshi, Head of the Department of Agricultural Engineering, marking the successful completion of an impactful and enlightening conference focused on sustainability and technological advancement.

## A SERIES OF ENGAGING AND AWARENESS-DRIVEN ACTIVITIES ON "WORLD EARTH DAY"

The Department of Agricultural Engineering, Excel Engineering College (Autonomous), Namakkal, observed World Earth Day on 22nd April 2025 with a series of engaging and awareness-driven activities. The event commenced with a welcome address by Dr. K.P. Vishalakshi, Head of the Department, followed by Mr. V.R. Vellingiri, Assistant Professor, who outlined the day's schedule and guided students through the planned activities.

The celebration aimed to instill a sense of environmental responsibility among students and raise awareness about the importance of conserving natural resources. Various activities were conducted throughout the day, including a Tree Plantation Drive, where students planted saplings and pledged to care for them. Creative initiatives such as art and craft projects using recycled materials, eco-themed murals, and designing environmentally conscious t-shirts added a vibrant and impactful dimension to the event. Students also expressed their thoughts through essay and article writing competitions, highlighting innovative ideas to conserve nature and minimize waste. Additionally, informative banners and posters were prepared and displayed to communicate vital messages about sustainability, pollution control, and natural resource preservation.

The event concluded at 4:30 PM with a vote of thanks delivered by Mr. C. Manoj Prabhu, Assistant Professor, Department of Agricultural Engineering. The program effectively emphasized the importance of collective action and environmental consciousness, leaving a meaningful impact on all participants.



## “NATIONAL TELEPHONE DAY”



The Department of Information Technology, Excel Engineering College (Autonomous), proudly observed National Telephone Day on 25th April 2025, commemorating the invention that transformed global communication. The event highlighted the historical significance of Alexander Graham Bell's revolutionary creation, patented in 1876, and its enduring impact on society. Students and faculty reflected on the evolution of the telephone—from early landlines to today's smartphones—acknowledging how these advancements have redefined the way we connect, work, and share information.

The celebration served not only to honor a pivotal moment in technological history but also to inspire students to appreciate the role of innovation in shaping modern life. Through engaging discussions and exhibits, participants explored the journey of telecommunication and its influence on the digital era.

## “WORLD DAY FOR SAFETY AND HEALTH”

The Department of Information Technology, Excel Engineering College (Autonomous), observed the World Day for Safety and Health at Work on 28th April 2025, aligning with the global initiative led by the International Labour Organization (ILO). This observance highlighted the critical importance of promoting a culture of safety and preventing occupational accidents and illnesses in all workplaces.

Through insightful presentations and awareness activities, the event emphasized the significance of adhering to safety standards, recognizing workplace hazards, and implementing preventive measures. Students and faculty engaged in discussions surrounding real-world case studies, technological interventions in safety, and the ethical responsibility of creating secure working environments. The program reinforced the message that every employee deserves a safe, healthy, and supportive workspace to perform effectively and with dignity.





## INAUGURATED THE XR STUDENT COMMUNITY CLUB



The Department of Information Technology, Excel Engineering College (Autonomous), proudly inaugurated the XR Student Community Club on 8th April 2025 at 10:30 AM in APJ Hall. The inauguration ceremony was graced by Mr. Ganesh, Academic Convenor of XTIC, IIT Madras, who served as the resource person and shared valuable insights on the evolving field of Extended Reality (XR) and its applications in various industries.

The event was coordinated by Mr. C. Sivasamy, Mrs. S. Banupriya, and Mrs. K. Divya, Assistant Professors from the Department of IT, with support from the Convenors: Dr. G. M. Tamilselvan, Dean of SCSE, and Dr. M. Vadivel, Head of the Department of IT. The inauguration marked the beginning of an exciting new chapter for students interested in XR technologies, offering them opportunities to explore and innovate in this rapidly growing field.

## NSS & YRC/RRC/YI CLUBS

### "CAMPUS CLEANING: BE THE CHANGE" ON THE BEHALF OF INTERNATIONAL DAY OF ZERO WASTE AT OUR EXCEL ENGINEERING COLLEGE CAMPUS.

As part of INTERNATIONAL DAY OF ZERO WASTE organised under the banner of NSS & YRC/RRC/YI Clubs of Excel Engineering College, the NSS unit conducted a focused campus cleaning drive at the Aero Ground on 5th April 2025 (Saturday) from 09.30 A.M. to 12:20 NOON, aligned with the theme "Campus Cleaning: Be the Change." A total of 94 volunteers actively participated in this initiative, which aimed to encourage students to take ownership in maintaining campus cleanliness while promoting environmental sustainability.

During the drive, volunteers diligently collected fallen leaves from the ground and transferred them to the college's agricultural farm, where the organic waste would serve as natural compost to enhance soil fertility. This initiative not only contributed to maintaining a clean and green campus but also encouraged eco-friendly practices among students by demonstrating the value of converting biodegradable waste into useful agricultural input.





## IETE STUDENT CHAPTER (ISF) INNOVATHON 2K-25



The IETE Student Chapter (ISF), in association with the Department of Electronics and Communication Engineering (ECE), Excel Engineering College (Autonomous), Namakkal, successfully organized INNOVATHON 2K-25 on 23rd April 2025 at Kandasamy Hall. The event aimed to encourage creativity and innovation among students and provided a platform for both internal and external participants to showcase their skills and ideas.

A total of 96 participants attended, including 81 external participants and 15 internal students. The event, which began at 9:30 AM, saw a diverse range of projects and presentations from students, with a focus on technological advancements and innovative solutions. The program was coordinated by Mr. S. Satheeshkumar and Mrs. A. Anitharani, Assistant Professors in the Department of ECE. The Dean of SECE, Dr. S. Jeevanantham, and Head of the Department, Dr. T. C. Kalaiselvi, extended their support and guidance throughout the event, making it a grand success.

## SCIENCE CLUB

### WASTE TO WEALTH CONTEST

The Science Club of Excel Engineering College (Autonomous) successfully conducted the Waste to Wealth Contest on 4th April 2025 at Pavaiyammal Hall. The event aimed to promote creativity and innovation among students by encouraging them to transform waste materials into useful products. The contest was graced by Dr. K. Saravanan, Associate Professor of English, and Dr. S.N. Subathra, Associate Professor of Mathematics, who addressed the participants and emphasized the importance of sustainability and resourcefulness in the modern world.

Nearly 250 students participated in the event, with 50 students actively engaging in hands-on activities, showcasing their inventive ideas by creating functional products from waste. The event was meticulously organized by Dr. R. Rajan, ASP/Chemistry, and Mrs. Maragathamani, Assistant Professor of Chemistry. The contest not only highlighted the potential of waste materials but also inspired students to think creatively about sustainability.



## HARMONIE HUES CLUB INAUGURATION AND CREATIVE FUSION OF ART ACTIVITY



The Department of Science and Humanities, Excel Engineering College (Autonomous), organized the Harmonie Hues Club Inauguration and Creative Fusion of Art Activity on 29th April 2025 from 10:00 AM to 12:30 PM at Paavayamal Hall. The event was inaugurated by Dr. N. Prabhu, Head and Professor of Physics, who shared his thoughts on the importance of fostering creativity and artistic expression within academic environments.

The event featured a variety of activities focused on blending art and creativity, encouraging students to explore their artistic potential while enhancing their problem-solving skills. The program was coordinated by Mrs. Selvi S, Assistant Professor of English, and Mrs. Pavithra M, Assistant Professor of Mathematics, who ensured the smooth conduct of the session. The event aimed to inspire students to engage with art as a form of expression and a tool for personal growth and creativity.

## MATH CLUB

### MATHS CLUB ACTIVITY – BASICS OF VEDIC MATHEMATICS

The Department of Science and Humanities, Excel Engineering College, Komarapalayam, organized a Maths Club activity titled “Basics of Vedic Mathematics” on 3rd April 2025 from 2:00 PM to 4:30 PM at Classroom C-204, Civil Block. The session aimed to introduce students to the fundamentals of Vedic mathematics, enhancing their speed and accuracy in calculations through ancient techniques. The event was coordinated by Dr. S. Kavitha, Assistant Professor, and Mrs. P. Sudha, Associate Professor, Department of Science and Humanities. A total of 50 students actively participated in the event, engaging in various mathematical strategies and learning techniques to simplify complex arithmetic. The session was insightful and well-received by the participants.





## INTERNATIONAL CONFERENCE – MBA ONLINE TRACK



The Department of Management Studies, Excel Engineering College (Autonomous), successfully conducted the MBA Online Track as part of the International Conference on April 4, 2025, at Smart Hall MB 314. The session saw active participation and was successfully completed by all enrolled candidates. The event was efficiently coordinated by Mr. M. Gowrishankar, Assistant Professor/MBA, and Dr. Rajkumar, Associate Professor/MBA. The online track served as a dynamic platform for research exchange and discussions on contemporary trends in management and business innovation.

## IOT CLUB WORKSHOP ON SMART HOME AUTOMATION AND SECURITY

The Department of Computer Applications (MCA), Excel Engineering College (Autonomous), Komarapalayam, Namakkal – 637303, organized an IoT Club activity titled “Smart Home Automation and Security Workshop with Device Connectivity Technology” on 30th April 2025 from 10.00 AM to 12.00 PM at the BME Lab. The session was conducted by Dr. P.S. Velumani, Head and Professor/MCA, who shared valuable insights into IoT-based smart home solutions, emphasizing device interconnectivity and security applications. The event was coordinated by Mrs. K. Yasodha, Assistant Professor/MCA, with student coordinators Mr. B. Akash and Mr. K. Pragadeeswaran assisting in organizing the session. The workshop provided participants with practical exposure to IoT technologies and their real-world applications.





## WORKSHOP ON EXPERIMENTAL AND CFD SIMULATOR TECHNIQUES FOR INDUSTRIAL AERODYNAMICS



The Department of Aeronautical Engineering, Excel Engineering College (Autonomous), Komarapalayam, Namakkal – 637303, organized a One-Day Workshop on Hands-on Training in Experimental and CFD Simulator Techniques for Industrial Aerodynamics at the Hyundai Lab. The resource persons – Mr. S. Karthik, Mr. M. Sanjay, and Mr. J. Senthil Kumar – provided practical training and insightful demonstrations on aerodynamic analysis using experimental setups and CFD (Computational Fluid Dynamics) simulation tools. The event was made successful through the active involvement of faculty members from Aeronautical and Mechanical Engineering departments, dedicated student volunteers, and the supportive management. The workshop enhanced the participants' technical proficiency in aerodynamic simulation techniques and their industrial relevance.

## NCC

### EDUCATIONAL VISIT TO THANJAVUR AIR FORCE STATION

We are proud to share that 20 NCC Air Wing cadets and 25 students from the Department of Aeronautical Engineering of Excel Engineering College (Autonomous) had the exceptional opportunity to visit the Thanjavur Air Force Station on 16.04.2025. The visit featured a static display of aircraft, live demonstrations of the Sukhoi SU-30 fighter aircraft in flight, and flying displays of Cheetah and Chetak helicopters, offering students an inspiring firsthand experience of air defense operations. A documentary film highlighting the valor and missions of the Indian Air Force was screened, followed by an engaging quiz based on the film. We are delighted to announce that Flight Cadet Selvabarathi, a first-year Aeronautical student, was awarded an appreciation gift by the Commander for outstanding performance in the quiz. This visit significantly enriched the students' understanding of aerospace defense and instilled a deeper sense of patriotism and professional aspiration.



## COMPUTER SCIENCE AND ENGINEERING SOFT SKILL DEVELOPMENT PROGRAMME



The Department of Computer Science and Engineering at Excel Engineering College (Autonomous), Namakkal, organized a Soft Skill Development Programme in collaboration with Data Pattern.ai on April 23, 2025, at 10:00 AM in Pavayammal Hall. The session was led by Mr. Elango Ramasamy, Director of Learning and Development at Data Pattern.ai, who delivered a highly engaging session focusing on key soft skills essential for students' professional growth and industry readiness. The event was well-coordinated by Mrs. S. Nadhiya and Mrs. M. Vidya, Assistant Professors from the CSE department, with Mrs. K. Kalpana, Assistant Professor, serving as the Activity Coordinator. The event witnessed active participation from students and faculty, under the guidance and support of Dr. G.M. TamilSelvan, Dean of SCSE, and Dr. P.C. Senthil Mahesh, Head of the Department. The session provided valuable insights and practical strategies, enriching the students' interpersonal and workplace communication skills.

## NCC

### AIRCRAFT SIMULATOR TRAINING AT 5 TN AIR SQN T NCC, SALEM

Excel NCC Air Wing cadets, along with selected second-year students from the Department of Aeronautical Engineering, participated in a specialized Aircraft Simulator Training program conducted at the 5 TN Air Squadron Technical NCC, Salem on 8th April 2025. During the session, the participants received hands-on experience with aircraft simulators and attended special classes on aviation and aircraft systems, enhancing their practical knowledge and exposure to real-time aviation environments. The training session provided invaluable insights into the fundamentals of flight operations, contributing to the students' academic and professional development in the field of aeronautics.





## VIRTUAL MODE INTERNATIONAL SEMINAR ON "REVOLUTIONIZING HEALTH AND SAFETY: THE ROLE OF AI AND DIGITALIZATION AT WORK"



The Department of Safety and Fire Engineering, Excel Engineering College (Autonomous), organized a thought-provoking seminar titled "Revolutionizing Health and Safety: The Role of AI and Digitalization at Work" on 28th April 2025. The seminar focused on the transformative impact of emerging technologies in enhancing workplace safety and employee well-being. Through a series of expert talks, real-world case studies, and interactive sessions, participants explored how artificial intelligence, data analytics, and smart systems can be effectively integrated into risk management, incident prevention, and compliance strategies. The seminar also addressed the practical challenges and ethical implications of implementing digital solutions, emphasizing a balanced and responsible approach to innovation. The event drew enthusiastic participation from safety professionals, industry experts, and technology enthusiasts, offering valuable insights and practical strategies to drive digital transformation in health and safety practices across diverse sectors.



## “CAREER AWARENESS SESSIONS (SCHOOL STUDENT)”



The Department of Information Technology, Excel Engineering College (Autonomous), successfully conducted a Career Awareness Session for School Students on 17th April 2025. This initiative aimed to introduce young learners to a wide spectrum of career opportunities and help them make informed decisions about their academic and professional futures. The session featured professionals from various fields who shared their real-world experiences, discussed essential skills, and guided students through the educational pathways relevant to different career domains.

To foster student engagement, the session also included interactive activities such as career interest assessments, group discussions, and workshops that encouraged participants to reflect on their strengths, aspirations, and areas of interest. The event proved to be a meaningful and motivational experience, broadening students' perspectives beyond conventional career options and inspiring them to pursue their passions with clarity and confidence.

## SOFT SKILL DEVELOPMENT PROGRAMME IN COLLABORATION WITH DATA PATTERN.AI

The Department of Computer Science and Engineering at Excel Engineering College (Autonomous), Namakkal, organized a Soft Skill Development Programme in collaboration with Data Pattern.ai on April 23, 2025, at 10:00 AM in Pavayammal Hall. The session was led by Mr. Elango Ramasamy, Director of Learning and Development at Data Pattern.ai, who delivered a highly engaging session focusing on key soft skills essential for students' professional growth and industry readiness. The event was well-coordinated by Mrs. S. Nadhiya and Mrs. M. Vidya, Assistant Professors from the CSE department, with Mrs. K. Kalpana, Assistant Professor, serving as the Activity Coordinator. The event witnessed active participation from students and faculty, under the guidance and support of Dr. G.M. TamilSelvan, Dean of SCSE, and Dr. P.C. Senthil Mahesh, Head of the Department. The session provided valuable insights and practical strategies, enriching the students' interpersonal and workplace communication skills.

