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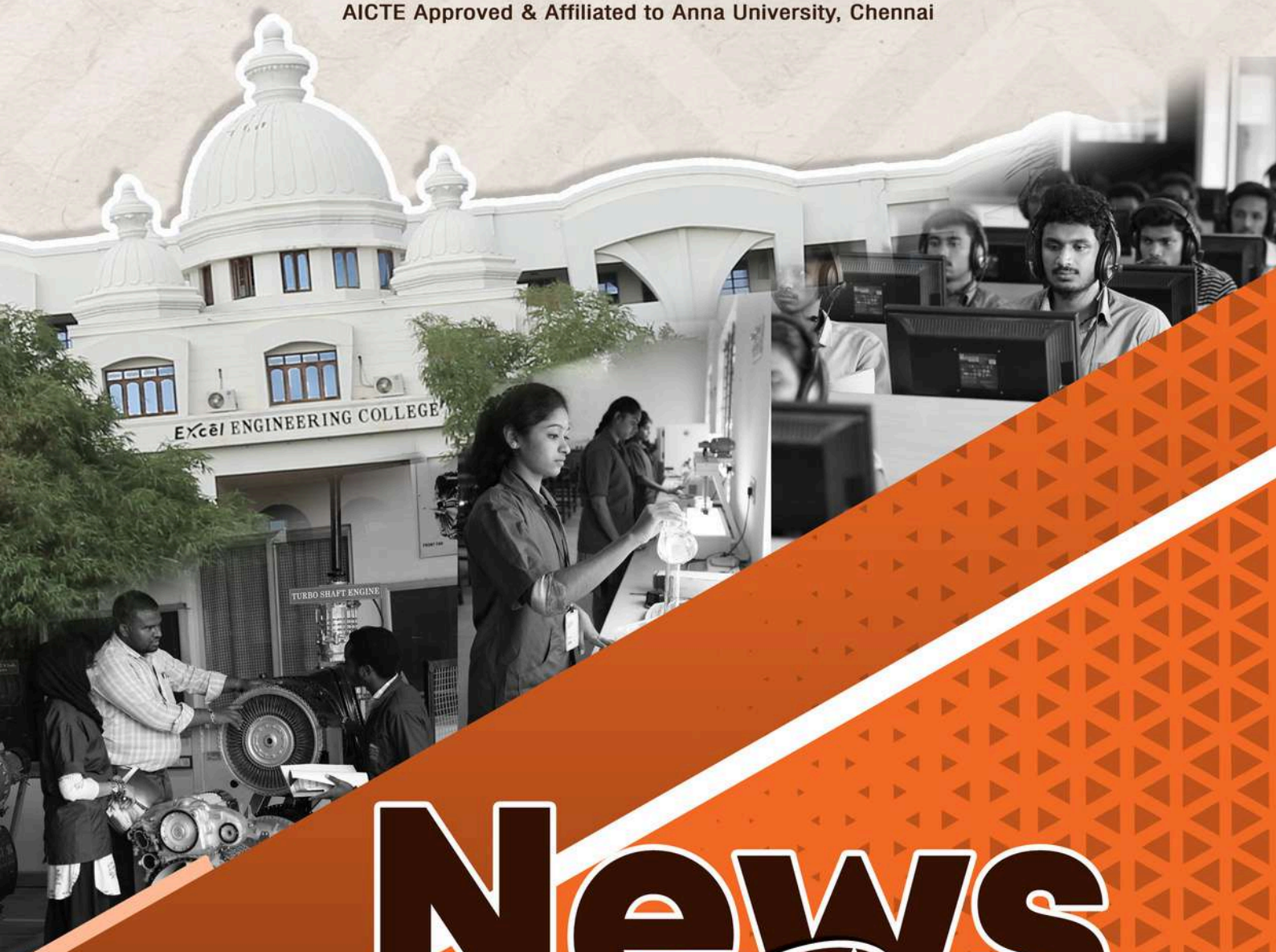

News Bulletin

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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.

MEMORANDUM OF UNDERSTANDING (MOU)

The MoU signing ceremony between Excel Engineering College (Autonomous), Namakkal, and Enthu Technology Solutions India Pvt. Ltd., Coimbatore, was held with great significance. The event commenced with a brief organizational overview by Mr. Moorthy Kanagaraj, Founder & Director of Enthu Technology Solutions, who highlighted the company's industry background, the scope of future collaboration, and the importance of bridging the gap between academic learning and industrial practices.

The MoU was officially signed by Dr. K. Bommanna Raja, Principal of Excel Engineering College, and Mr. Moorthy Kanagaraj, marking a pivotal step toward strengthening industry-academia collaboration. The partnership focuses on providing students and faculty with hands-on exposure through internships, joint consultancy project proposals, and AICTE Idea Lab implementation.

MEMORANDUM OF UNDERSTANDING (MOU)

The Department of Artificial Intelligence and Data Science, Excel Engineering College (Autonomous), Namakkal, organized an MoU signing ceremony with Velonetics India Pvt. Ltd., Bangalore, followed by a workshop on "Navigating AI & Data Science: The Fusion of Decision Making" at Kandaswamy Hall.

The MoU was officially signed between Mr. David Kingsly, Managing Director of Velonetics India Pvt. Ltd., and Dr. K. Bommanna Raja, Principal of Excel Engineering College. The agreement, valid for five years, ensures mutual collaboration wherein Velonetics India will provide training in cybersecurity and emerging technologies, along with internship opportunities for students. Excel Engineering College, in turn, will facilitate seminars and guest lectures within the campus premises.

This partnership marks a significant step in enhancing students' industry exposure, skill development, and readiness for future technological advancements.

The Impact of AI on Society

The Department of Artificial Intelligence and Data Science, in collaboration with the Computer Society of India, organized a debate on "The Impact of AI on Society: Is it a Boon or a Bane?" on 12th August 2025 at 2:30 PM for students of AI&DS, CSBS, CSE, and IT. The discussion brought out both the positive contributions and potential risks of Artificial Intelligence. Students highlighted AI as a boon for its ability to enhance efficiency and productivity by automating repetitive tasks, support advanced healthcare through accurate diagnostics, and promote inclusivity with technologies such as voice recognition and predictive text for individuals with disabilities. On the other hand, participants also emphasized AI as a bane, citing concerns over job displacement in sectors like manufacturing and data entry, along with growing privacy and security risks. In conclusion, it was agreed that AI is neither inherently good nor bad; its impact on society depends on how it is developed, regulated, and applied. Used responsibly, AI can become a powerful tool for progress, while misuse or lack of control could turn it into a challenge for society.

The Role of open Source in AI Development

The Department of Artificial Intelligence and Data Science at Excel Engineering College organized an insightful Alumni Guest Lecture on "The Role of Open Source in AI Development" for II and III year students on 6th August 2025 at 2:00 PM in TVR Hall. The session began with a warm welcome by Prof. P. Jayaprabha, followed by an introduction of the chief guest by Dr. P. Selvaraju. The event was graced by the esteemed presence of Mr. R. Naveen, an alumnus of EEC and currently associated with CTS, Bangalore, who is an expert in Artificial Intelligence and emerging technologies.

Mr. Naveen emphasized the crucial role of open-source technologies in AI development and demonstrated how frameworks such as TensorFlow and PyTorch have democratized access to advanced tools, enabling innovation across industries. He also explained how open-source fosters collaboration, allowing even small organizations and individuals to work with powerful algorithms and pre-trained models. Drawing from real-world applications in his professional experience, he highlighted how major companies, including his own, rely extensively on open-source solutions for developing AI-driven applications.

The lecture included practical insights, interactive discussions, and a vibrant Q&A session, where students clarified their queries on career opportunities, tools, and emerging trends in open-source AI. The program concluded with a vote of thanks by Prof. P. Jayaprabha, HoD/AI&DS. The event was highly informative, inspiring students to explore the open-source community and embrace its role in shaping the future of AI.

Generative AI: Redefining Creativity in the Digital Era

The Department of Artificial Intelligence and Data Science at Excel Engineering College organized an insightful Academic Guest Lecture on "Generative AI: Redefining Creativity in the Digital Era" for III year students on 1st August 2025 at 10:00 AM in Pavayammal Hall. The program began with a warm welcome by Prof. P. Jayaprabha, followed by an introduction of the chief guest by Dr. P. Selvaraju. The session was graced by the esteemed presence of Dr. J. Dhayanithi, from Sona College of Technology, a renowned expert in Artificial Intelligence and emerging technologies.

Dr. Dhayanithi delivered a thought-provoking lecture on how generative AI is transforming art, design, content creation, and related domains. He elaborated on the concepts and working of Generative Adversarial Networks (GANs), diffusion models, and large language models like ChatGPT, providing clarity on their applications and influence. The lecture also highlighted the ethical considerations, real-world case studies, and future directions of AI-driven creativity.

The session was highly interactive, with students and faculty engaging in discussions on topics ranging from AI's role in education to its impact on employment and originality in creative industries. The speaker's detailed responses enriched the participants' understanding, making the session both educational and inspiring.

Overall, the lecture served as a valuable academic experience, motivating students to explore generative AI as a powerful tool for innovation while being mindful of its challenges and responsibilities.

AGENTIC AI – SEMINAR

The Department of Artificial Intelligence and Data Science at Excel Engineering College organized a seminar on "Agentic AI" on 26th August 2025 at 10:00 AM in Kandhasamy Hall. The program was inaugurated by Prof. P. Jayaprabha, Head of the Department, who emphasized the growing significance of Agentic AI in modern technological landscapes. Dr. P. Selvaraju, Assistant Professor, AI&DS, welcomed the gathering and introduced the guest speaker.

The session was led by Dr. G. Manivasagam, Associate Professor, Jain University, who delivered an insightful lecture on Agentic AI. He explained its definition, key features, benefits, and applications, highlighting how these autonomous systems are capable of pursuing complex goals with minimal human intervention. Agentic AI systems can act independently, adapt to changing data, learn from their environment, and provide personalized, scalable solutions, making them a powerful tool across industries.

The seminar also featured an interactive session where participants actively engaged in discussions with the speaker, gaining practical insights into the future of AI. The event concluded with a vote of thanks by Mrs. A. Yasmin, Assistant Professor, AI&DS, who expressed appreciation to the resource person and attendees.

Overall, the seminar was well-received, offering a valuable platform for knowledge sharing and inspiring students to explore the transformative potential of Agentic AI.

Bridging the Gap: Applying AI & DS in Real World Scenarios

The Department of Artificial Intelligence and Data Science at Excel Engineering College organized an Industrial Guest Lecture on "Bridging the Gap: Applying AI & DS in Real World Scenarios" on 29th August 2025 at 10:00 AM in the Block 1 AI&DS Lab. The program was inaugurated by Prof. P. Jayaprabha, Head of the Department, followed by a welcome address and introduction of the resource person by Dr. P. Selvaraju, Associate Professor, AI&DS.

The session was delivered by Mr. M. N. Shri Gowtham, Founder & CEO, Peps Software Pvt. Ltd., who provided an engaging and practical perspective on the applications of Artificial Intelligence and Data Science across industries. He explained how AI and DS are transforming domains such as healthcare, finance, autonomous systems, e-commerce, and market analytics, serving as the backbone of modern innovation. Real-world examples, from disease diagnosis to predictive market modeling and intelligent customer experiences, illustrated the vast scope and opportunities in this field.

An interactive session allowed participants to clarify doubts and explore practical scenarios with the speaker. The event concluded with a vote of thanks by Mrs. A. Yasmin, Assistant Professor, AI&DS, who appreciated the resource person for his valuable insights.

Overall, the lecture served as a bridge between academia and industry, equipping students with a deeper understanding of AI and DS applications while motivating them to pursue careers in this dynamic field.

WORKSHOP ON NAVIGATING THE AI AND DATA SCIENCE: THE FUSION OF DECISION MAKING

On 11.08.2025, the Department of Artificial Intelligence and Data Science, Excel Engineering College, organized an MoU signing ceremony with Velonetics India Pvt. Ltd., Bangalore, followed by a workshop on "Navigating AI & Data Science: The Fusion of Decision Making" at Kandaswamy Hall. The MoU was signed by Mr. David Kingsly, Managing Director of Velonetics India Pvt. Ltd., and Dr. K. Bommanna Raja, Principal of Excel Engineering College, marking a five-year collaboration aimed at offering training in cybersecurity, cutting-edge technologies, and student internships.

The workshop highlighted how the integration of Artificial Intelligence (AI) and Data Science is reshaping decision-making across industries. Participants gained insights into how Data Science enables meaningful data extraction while AI, through machine learning algorithms, predicts outcomes, automates processes, and supports intelligent strategies. The speaker emphasized that this fusion enhances decision quality, speed, and predictive accuracy, making it invaluable in domains like finance, healthcare, logistics, and customer experience.

A key takeaway was the concept of augmented intelligence, where AI augments human decision-making rather than replacing it. Ethical considerations—such as transparency, accountability, bias, and data privacy—were also discussed, stressing the importance of building trust in AI-driven systems.

Overall, the event provided a platform for knowledge sharing and industry-academia collaboration, inspiring students to adopt a responsible and innovative approach to AI and Data Science applications

Recycling Road Show: Educating and Engaging Residents

The Department of Artificial Intelligence and Data Science, in association with the Green Club and Swachh Bharat, organized an Awareness Program titled "Recycling Road Show: Educating and Engaging Residents" on 28.08.2025 at 10:00 AM. The event aimed to raise awareness among residents of Pallakkapalayam Residential Area about effective recycling practices and contamination prevention.

The program was officially inaugurated by Prof. P. Jayaprabha, Head of the Department of AI&DS, who emphasized the importance of environmental responsibility and encouraged students to lead by example. Students actively participated in the rally against plastic pollution, spreading awareness through impactful slogans and interactive engagements with the community.

The rally highlighted the environmental benefits of recycling, including conservation of natural resources, pollution reduction, and energy savings. It also served as a platform to unite residents in dialogue, shared learning, and collective problem-solving around waste management and recycling practices.

The event was coordinated under the guidance of Dr. S. Karuppusamy, Assistant Professor of Physics, and Mrs. S. Ramya, Assistant Professor of AI&DS. The enthusiastic participation of both students and faculty contributed greatly to the success of the initiative.

The Recycling Road Show concluded on a high note with memorable slogans such as "Recycle Right, Live Bright!", "Small Steps, Big Impact!", and "Keep It Clean, Keep It Green!". The program left a lasting impact by educating and motivating residents to adopt sustainable practices for a cleaner and greener community.

Gender Equality & Sensitization" Empowerment through Equality: Bridging the Gender Divide

As part of the National and International Commemorative Days initiative, the Department of Artificial Intelligence and Data Science, in association with the Green Club and Swachh Bharat, organized a thought-provoking non-academic event on "Gender Equality & Sensitization" on 28th August 2025 at 2:00 PM in the AI&DS Lab. The event, themed "Empowerment through Equality: Bridging the Gender Divide", aimed to promote awareness on inclusivity, respect, and equity across genders.

The program began with a welcome address that highlighted the relevance of gender equality in modern society and the role of youth in building a fair and balanced world. This was followed by a special address by Prof. P. Jayaprabha, Head of the Department, who emphasized the importance of sensitization to break stereotypes and encouraged students to be active agents of social change.

The event featured interactive sessions and discussions on issues such as workplace equality, representation in leadership, and dismantling cultural prejudices. Students also participated in activities that sparked dialogue on everyday gender biases, offering them a platform to share perspectives and collectively envision an inclusive society.

The program concluded with a vote of thanks, appreciating the management, coordinators, and participants for their support and active involvement. The event was effectively coordinated by Mr. V. Veeresh (AP/AI&DS) and Mrs. G. Nandhini (AP/S&H).

The Gender Equality & Sensitization event successfully created awareness while inspiring students to embrace fairness, empathy, and inclusivity in all aspects of life, reinforcing the vision of a just and equal society.

Unheard Voices: Bridging the Silence on Gender Equality

The Department of Civil Engineering, in collaboration with the Women Empowerment Cell, organized an inspiring awareness program titled "Unheard Voices: Bridging the Silence on Gender Equality" on 5th August 2025.

The session was graced by Mrs. Priyanka Ramamurthi – Social Media Influencer, Entrepreneur, Parenting Enthusiast, Montessori Trainer, Child Physiologist, and advocate for women's empowerment – as the distinguished Chief Guest.

In her impactful address, she emphasized that gender equality begins at the individual level, urging everyone to practice inclusivity within families and communities. She also shared valuable insights on entrepreneurship, mental well-being, emotional support, and open communication, offering herself as a listening ear to those in distress.

The event began with a warm welcome address by Dr. P. Saravana Kumar, Professor and Head of Civil Engineering, whose support ensured the success of the program.

The event was effectively coordinated by Ms. D. Mythili and Mrs. K. Poornima (Assistant Professors, Civil Engineering), along with Mrs. A. Anitha Rani (Assistant Professor, ECE & WEC Coordinator).

The program proved to be enlightening, engaging, and motivating, leaving participants inspired to foster a more inclusive and empowered society.

CIVIL CRAFTERS MODEL CLUB
"3D CREATIVITY CHALLENGE"

On 30th August 2025, the evaluation team for the program included internal staff members Dr. Senthilkumar, Dr. Augustine Crispine, Mrs. N. Mythily, and Mr. Vignesh. The key takeaways from the session enabled students to gain valuable knowledge in several areas of 3D modeling. They learned the fundamentals of understanding 3D space, which involves creating objects considering length, width, and depth. The session introduced them to the different types of 3D models, particularly polygonal models, which are widely used in video games and simulations. Students were also exposed to various 3D modeling techniques, such as extrusion, which creates 3D objects by extending 2D shapes. The lecture further highlighted the applications of 3D modeling across multiple fields, including architecture for visualizing buildings, product design for prototyping, animation and visual effects for films and games, and engineering for simulating and analyzing object behavior. By building this strong foundation in the basics of 3D modeling, students discovered the vast creative and technical possibilities the field has to offer.

ALL DEPARTMENTS – THE OFFICE OF CAREER ADVANCEMENT AND INTERNATIONAL COLLABORATION

The Office of Career Advancement and International Collaboration (CAIC) in association with the Department of Civil Engineering organized a guest lecture on "The Future of Higher Education" for third-year and final-year engineering students. A total of 85 students participated in the session, which was delivered by Ms. A. Divya, Business Development Manager, Payana Overseas Solutions Pvt. Ltd., Erode. The lecture provided valuable insights into higher education opportunities abroad, covering admission processes and scholarships in countries such as the UK, USA, Australia, France, Singapore, Malaysia, Italy, Poland, Germany, Netherlands, Dubai, Ireland, Canada, and New Zealand. Ms. Divya also highlighted the benefits of pursuing higher education in these countries, the scope of international internships, and career prospects for engineering graduates. Additionally, the session explained the importance of the IELTS examination, along with guidance on securing education loans through tie-ups, making it an informative and motivating experience for the students.

GREEN CLUB AND SWACHH INTERNATIONAL EDUCATION OPPORTUNITIES: SPOTLIGHT ON SOUTH KOREABHARAT

The Office of Career Advancement and International Collaboration (CAIC) of Excel Engineering College organized a guest lecture on "International Education Opportunities: Spotlight on South Korea" on 26.08.2025 at 10:30 AM in VKR Hall. The session was led by Prof. Byeong-Yun-Chang, Dean of GSIS and Chair of the International Business Department, Ajou University, South Korea, and Mr. Aravind Ashok Kumar, Team Overseas Education Consultant. A total of 250 students from various disciplines actively participated in the event.

The program began with a high-level interaction of the dignitaries with the Vice Chairman, Executive Director, and Dean Academics, during which possibilities for academic partnerships, exchange programs, and internship pipelines were discussed.

The lecture offered comprehensive insights into the higher education landscape in South Korea, covering available programs, admission processes, scholarships, and campus life. Prof. Byeong-Yun-Chang emphasized internship pathways and models of industry collaboration that enhance students' employability in global markets. Mr. Aravind Ashok Kumar shared practical guidance on documentation, timelines, and language requirements for applications, while also addressing individual student queries through interactive discussions.

The session proved highly beneficial in broadening students' awareness of overseas education prospects, particularly in South Korea, equipping them with both strategic knowledge and practical resources for their academic and professional growth.

GREEN CLUB AND SWACHH BHARAT

On 30th August 2025, the Green Club in collaboration with the Swachh Bharat Cell of Excel Engineering College organized a Tree Plantation and Campus Cleaning Drive with the objective of promoting environmental consciousness and fostering sustainable practices on campus.

The program witnessed enthusiastic participation from students, who actively engaged in planting saplings across designated areas and cleaning the surroundings. Their collective effort not only enhanced the greenery and cleanliness of the campus but also reflected their strong commitment to sustainability and community welfare. The activity highlighted the importance of individual responsibility in maintaining ecological balance and aligned with the vision of the National Swachh Bharat Mission.

Beyond its environmental benefits, the initiative served as a platform to nurture values of teamwork, civic sense, and social responsibility among students. By working together towards a common goal, participants demonstrated the spirit of unity and dedication required to build a cleaner and greener society.

The organizers extended heartfelt thanks to all volunteers and coordinators for their valuable contribution in making the program a success. The event concluded with a renewed pledge to continue eco-friendly practices and to transform the campus into a model of sustainability.

ACADEMIC GUEST LECTURE

The Department of Food Technology of Excel Engineering College organized an Academic Guest Lecture on "Revolutionizing the Plate: Breakthroughs in Food Processing and Preservation" on 18th August 2025. The session was delivered by Dr. T. N. A. Arunasree, Assistant Professor, Bannari Amman Institute of Technology, and witnessed the participation of 102 students.

Dr. Arunasree provided an engaging and insightful lecture on the latest innovations in food processing and sustainable preservation techniques, highlighting their role in ensuring food quality, safety, and extended shelf life. The session emphasized how modern technology is driving the transformation of the food industry, with a focus on sustainability and efficiency.

The interactive nature of the program encouraged students to actively engage with the resource person, enriching their understanding of real-world applications in food technology. Overall, the lecture served as a valuable platform for knowledge enhancement and academic growth.

NATIONAL SEMINAR

The Department of Food Technology at Excel Engineering College organized a National Seminar on "Recent Advances in AI-Driven & Sustainable Food Processing Technology" on 30th August 2025. The session was led by Dr. R. Jagan Mohan, Professor & Dean, IIFPT – NIFTEM, and was attended by 190 students and faculty members.

Dr. Jagan Mohan delivered an insightful lecture highlighting the transformative role of Artificial Intelligence (AI) in advancing sustainable food processing technologies. He elaborated on how AI tools are being applied for quality monitoring, process optimization, waste reduction, and improving overall efficiency in food industries. The seminar also focused on integrating sustainability practices with technological innovations to address global food security challenges.

The event provided participants with valuable knowledge on cutting-edge trends and fostered interactive discussions, making it an enriching experience for students and faculty alike.

NON-ACADEMIC EVENT: TITLED "GREEN PLATE, CLEAN PLANET – RALLY"

The Department of Food Technology organized a Non-Academic Event titled "Green Plate, Clean Planet – Rally" on 29th August 2025. Coordinated by Dr. G. Srinivasan, Head & Professor, Food Technology, the event saw active participation from students and faculty members. The rally aimed to raise awareness about sustainable food practices, environmental conservation, and eco-friendly lifestyles, encouraging participants and the community to adopt habits that promote a healthier planet. The initiative successfully combined learning with action, fostering a sense of responsibility toward sustainability among the college community

EMBEDDED SYSTEM DOMAIN CLUBSMART START: LEARNING IOT WITH EMBEDDED SYSTEM DOMAIN CLUB

The Embedded System Domain Club organized the program “Smart Start: Learning IoT with Embedded System Domain Club” on 29th September 2025, attended by 85 students, 2 faculty members, and representatives from the ECE Department. The event explored the intersection of embedded systems and IoT, highlighting applications in consumer electronics, automotive, industrial automation, and healthcare. Participants engaged in discussions on system architecture, functionality, and performance, while also exploring potential future enhancements such as integration with smart home devices. The program offered valuable insights into the latest trends and innovations in embedded systems and IoT, fostering knowledge sharing, networking, and inspiring students to pursue new projects and research opportunities.

ENERGY CONSERVATION CLUB-QUIZ

The Department of Electrical and Electronics Engineering, in association with the Energy Conservation Club at Excel Engineering College, organized the "Brain Blast Challenge: Online Quiz Contest" on 25th August 2025. The quiz aimed to raise awareness about energy conservation techniques, renewable energy sources, and energy efficiency practices among engineering students, connecting theoretical knowledge with practical, real-world applications. The quiz, comprising 25 objective-type questions, was attended by over 100 students from Excel Engineering College and other institutions. Participants engaged enthusiastically, demonstrating keen interest in energy-related concepts. E-certificates were sent to all registered participants upon completion, recognizing their active involvement and learning.

NON ACADEMIC EVENT ON "CLEAN SURROUNDINGS FOR BETTER LIVING"

The Department of Electrical and Electronics Engineering, in collaboration with the National Cadet Corps (NCC), organized a non-academic outreach event titled "Clean Surroundings for Better Living" on 30th August 2025 at 11:00 AM in Pallakapalayam Village. The event aimed to raise awareness about cleanliness, hygiene, and environmental responsibility among the local community. Students, NCC cadets, and faculty members actively participated in a cleanliness drive across the village, cleaning public spaces and streets. Volunteers also conducted door-to-door campaigns, educating residents on proper waste disposal, personal hygiene, and the benefits of a clean environment, supported by informative pamphlets and posters. The initiative received a positive response from villagers, many of whom pledged support for maintaining cleanliness. The program successfully enhanced environmental awareness, fostered civic responsibility among participants, and highlighted the importance of community participation in achieving sustainable living conditions.

"YOUNG INNOVATORS FAIR 2025"

Excel Engineering College hosted the "Young Innovators Fair 2025" on 30th August 2025, bringing together young minds to explore the intersection of technology and sustainability. Dr. G. Srinivasan, HOD/EEE, emphasized the importance of innovation and sustainable development for future generations, while Dr. A. Jeevanantham, Dean/SECE, encouraged participants to engage in knowledge exchange and collaboration.

The event featured paper presentations, poster displays, and project exhibitions, allowing students to showcase creativity, problem-solving skills, and technical expertise. Participants represented disciplines including EEE, BMI, CSE, ECE, Mechanical, and allied fields. Faculty and judges evaluated submissions based on originality, technical content, clarity, and practical relevance.

The fair provided students with valuable exposure to professional presentation, fostered teamwork, innovation, and peer learning, and recognized the best paper, poster, and project presentations with certificates and prizes. The valedictory function concluded the event with certificates distributed by Dr. A. Jeevanantham and HoDs, followed by a vote of thanks from Mrs. V. Banureka, AP/EEE.

The Young Innovators Fair 2025 successfully encouraged creativity, critical thinking, and practical application of engineering concepts, inspiring participants to pursue innovative solutions for real-world challenges

ROLE OF IOT AND AI IN NEXT GENERATION ENERGY MANAGEMENT SYSTEMS

The Department of Electrical and Electronics Engineering, Excel Engineering College, organized an insightful Industry Guest Lecture on the transformative impact of IoT and AI in energy management systems. The session began with a welcome address by Dr. A. Jeevanandham, Dean – School of Electrical and Communication Engineering, who emphasized the importance of integrating industry trends into academic learning and highlighted the growing role of sustainability and smart technologies in power systems.

The guest speaker, Mr. Cyril Augustus Arokiassamy, shared industry insights covering IoT-enabled smart monitoring, AI-based predictive maintenance, energy forecasting, optimization, smart grid integration, and real-world case studies. He also highlighted the significance of certification and compliance in sustainable energy solutions.

The event saw 218 participants, including students and faculty, actively engaging in discussions and Q&A. The lecture provided a valuable bridge between theoretical knowledge and practical industry applications, inspiring students to explore innovative solutions in next-generation energy management.

VALUE ADDED COURSE

The Department of Biomedical Engineering organized a three-day Value-Added Course on medical equipment training aimed at enhancing students' practical knowledge for diagnostic applications. The program was inaugurated by Dr. S. Atheena Milagi Pandian, Founder & CEO, Atheenapandian Private Limited, Chennai, who emphasized the integration of theoretical knowledge with hands-on experience.

The sessions covered essential topics such as anatomy, electronics, safety protocols, and regulatory compliance, providing participants with a comprehensive understanding of medical equipment operation. Students actively engaged in practical demonstrations, gaining valuable insights into the use and maintenance of diagnostic devices.

The course successfully bridged academic learning with real-world applications, empowering students with skills crucial for careers in biomedical technology and healthcare innovation.

VALUE ADDED COURSE ON MEDICAL EQUIPMENT TRAINING AIMED AT ENHANCING STUDENTS' PRACTICAL KNOWLEDGE FOR DIAGNOSTIC APPLICATIONS

The Department of Biomedical Engineering organized a Non-Academic Event aimed at promoting environmental awareness and sustainability. The session was inaugurated by Dr. P. Saravanakumar, Head of the Department, Civil Engineering, who emphasized fostering sustainable practices through collective efforts in waste reduction, energy conservation, responsible transportation, and creation of green spaces.

The program inspired students to actively contribute to environmental well-being and community development, highlighting the importance of practical engagement for a cleaner, healthier, and more sustainable future.

CLUB ACTIVITY WORKSHOP (PEER LEARNING) ON BASICS OF WEB DEVELOPMENT

The Department of Computer Science and Business Systems organized a peer learning workshop on the basics of web development. The session introduced students to HTML, CSS, and JavaScript, enabling them to design and structure simple web pages. Through interactive discussions, demonstrations, and hands-on practice, participants enhanced their understanding of front-end development concepts while improving teamwork, communication, and problem-solving skills.

The workshop successfully fostered a collaborative learning environment, motivating students to further explore web technologies in their academic and personal projects. Students left with greater confidence in applying foundational web development skills.

NON ACADEMIC EVENT
A PAPER BAG MAKING AND DISTRIBUTION DRIVE

On 13th August 2025, the Department of Computer Science and Business Systems (SCBS) successfully organized a Paper Bag Making and Distribution Drive at SD Lab to promote eco-friendly alternatives to plastic. Students actively participated in crafting reusable paper bags from recycled materials and distributing them within the local community. The event raised awareness about the harmful effects of single-use plastics, encouraged responsible consumer habits, and fostered community engagement. This initiative effectively blended creativity, environmental education, and social service, empowering participants to contribute to a sustainable and greener future.

INDUSTRIAL GUEST LECTURE ON CYBER SECURITY IN THE ERA OF QUANTUM COMPUTING

On 26th August 2025, the Department of Computer Science and Business Systems (CSBS) organized a guest lecture on Cyber Security in the Era of Quantum Computing. The session, delivered by a leading expert in cyber security and quantum technologies, focused on how quantum computing is poised to transform security protocols. The lecture highlighted the principles of quantum mechanics, explaining how quantum bits (qubits) differ from classical bits, and discussed the vulnerabilities of traditional encryption methods like RSA and ECC to quantum algorithms such as Shor's Algorithm. Participants gained valuable insights into the urgent need for quantum-resistant technologies and the role of research in safeguarding the digital world against future quantum-powered cyber threats.

ACADEMIC GUEST LECTURE

On 1st August 2025, the Department of Computer Science and Business Systems (CSBS) organized a guest lecture on "Integration of Machine Learning, Extended Reality, and Digital Twins in Engineering Education." The session highlighted how these emerging technologies can transform learning experiences. Machine Learning enables predictive analytics and adaptive learning, tailoring content to individual student needs. Extended Reality (XR) provides immersive virtual and augmented environments for hands-on practice, while Digital Twins create real-time virtual replicas of physical systems for safe experimentation. Students appreciated the clear explanation of concepts, practical demonstrations, and discussions on applications such as simulation-based training, remote collaboration, and enhanced understanding of engineering systems. The lecture inspired students to explore these technologies further and recognize their significance in shaping the future of engineering education.

LANGUAGE BYTES: LEARNING WORDS WITH COMPUTER" – NON ACADEMIC EVENT

On 13th August 2025, the Department of Information Technology (IT) organized a non-academic event titled "Language Bytes: Learning Words with Computer." The event aimed to enhance the vocabulary and communication skills of school students through interactive, computer-assisted learning activities. Sessions incorporated word-building exercises, vocabulary games, and digital flashcards, blending technology with language learning in an engaging and enjoyable manner. The activities provided a fun-filled platform for students to improve their language proficiency while fostering curiosity, participation, and confidence in using new words effectively.

THE POWER OF VIRTUAL AND AUGMENTED REALITY(VR/AR)

On 22nd August 2025, the Department of Information Technology (IT) organized a session on Virtual Reality (VR) and Augmented Reality (AR) for students. The lecture provided an in-depth understanding of these emerging technologies, covering their fundamentals, applications in gaming, education, healthcare, and industrial training, as well as potential career opportunities. Interactive demonstrations and real-time examples enabled students to visualize the scope of immersive technologies. The session also highlighted industry trends and the integration of VR/AR with Artificial Intelligence and IoT, showcasing the futuristic potential of these innovations.

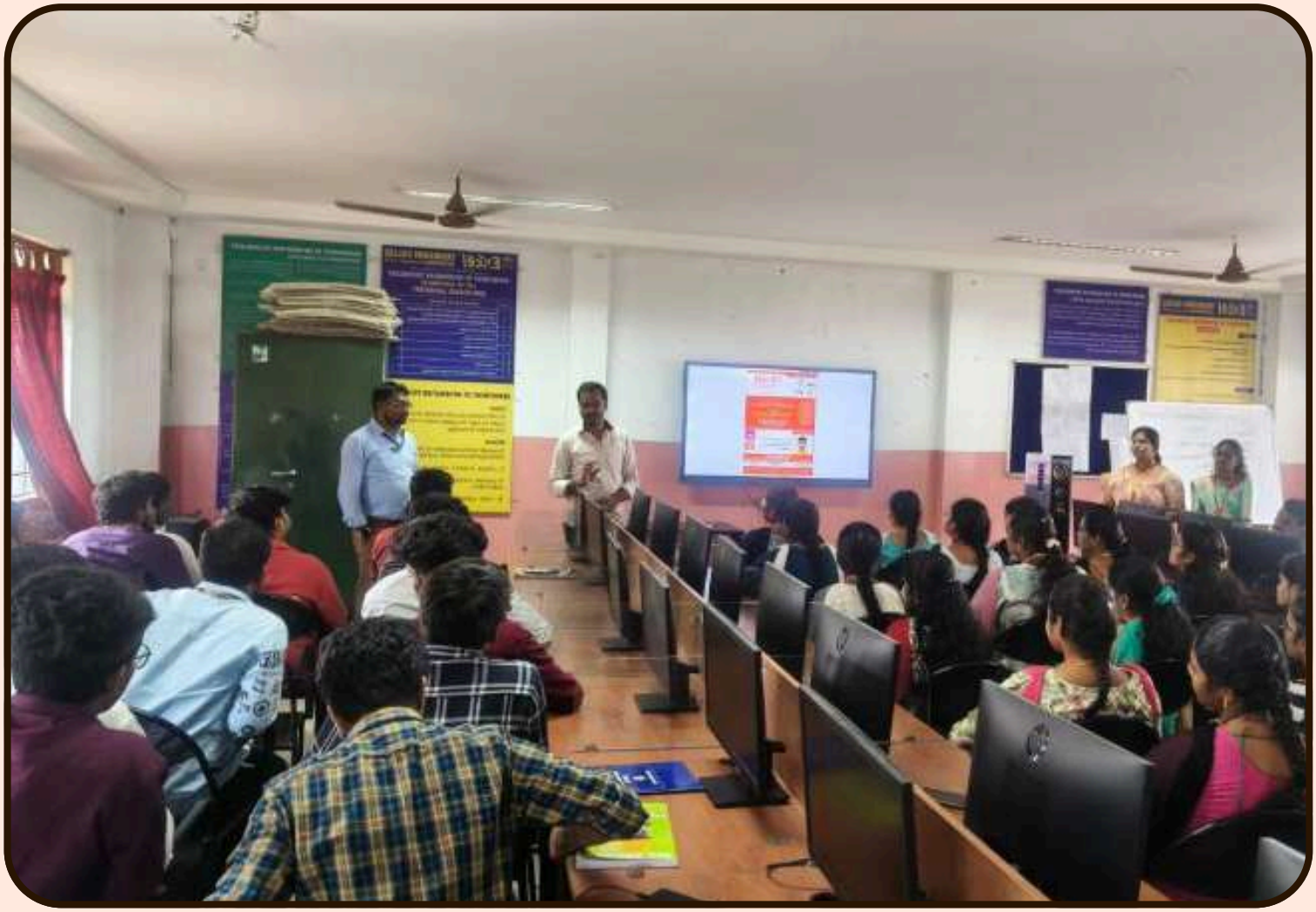
SKETCH THE NET , SPREAD THE MESSAGE "- NON ACADEMIC EVENT

On 22nd August 2025, the Department of Information Technology (IT) organized an engaging session on the responsible use of social media and digital platforms. The event emphasized digital safety, ethical communication, and the positive influence students can have online. Through interactive discussions and real-life examples, participants explored how social media can be a tool for education, innovation, and social change while practicing creative expression and critical thinking.

EQUAL VOICES AND EQUAL CHOICES " – NON ACADEMIC EVENT

On 29th August 2025, the Department of Information Technology (IT) organized a session focused on promoting inclusivity, equality, and responsible decision-making. Dr. Saravanan emphasized the importance of equal participation and unbiased choices in building a fair and progressive society. Through interactive discussions, students shared their perspectives, reflected on real-life scenarios, and explored the role of youth in fostering a culture of fairness, respect, and responsibility in both personal and professional spheres.

NEXT-GEN-DEVELOPMENT:GIT HUB AT THE CORE"-ALUMINI GUEST LECTURE



On 30th August 2025, the Department of Information Technology organized an Alumni Guest Lecture titled "Next-Gen Development: GitHub at the Core". A distinguished alumnus delivered the session, highlighting the significance of GitHub in modern software development. The lecture emphasized version control, collaborative coding, and continuous integration as essential practices for developers. Students learned about key GitHub features, including repositories, branching, pull requests, and project management tools, while live demonstrations and real-world case studies illustrated its role in open-source contributions, agile workflows, and next-generation development practices.

NATIONAL LEVEL SEMINAR ON "EMPOWERING AGRICULTURE THROUGH MODERN MECHANIZATION TECHNIQUES"

The Department of Agricultural Engineering, Excel Engineering College (Autonomous), in association with the Indian Council of Agricultural Research (ICAR), Central Institute of Agricultural Engineering (CIAE), Regional Station, Coimbatore, organized a one-day workshop that commenced at 9.30 am with a welcome address by Dr. K.P. Vishalakshi, HoD/Agri Engg. The first technical session (9.45 am – 1.00 pm) was delivered by Dr. T. Senthilkumar, Principal Scientist, ICAR-CIAE, who provided valuable insights into new agricultural equipment, autonomous technologies, and applications of AI in agriculture. The second technical session (2.00 pm – 3.15 pm), handled by Dr. Yesubabu Vinnakota, Faculty of Agricultural Engineering, Excel Engineering College, focused on precision farming techniques such as greenhouse farming, mulching, and water conservation methods. A technical event on "Advanced Farm Equipment and Implements" was conducted from 3.15 pm to 4.00 pm for external participants, showcasing innovative approaches in modern agriculture. The workshop concluded at 4.20 pm with a vote of thanks delivered by Mr. V. Bharath, Assistant Professor, Agricultural Engineering. The program witnessed active participation with 163 attendees, including 9 faculty members, 146 external participants, and 17 internal participants, making it a highly enriching and impactful event.

INDUSTRIAL GUEST LECTURE-1 ON " IOT IN AGRICULTURE: MODERN TRENDS IN AGRICULTURAL ENGINEERING WITH RESPECT TO INDIA "

The Department of Agricultural Engineering, Excel Engineering College (Autonomous), organized an Outreach Programme on smart agricultural technologies, which commenced at 2.30 pm with a welcome address by Dr. K. P. Vishalakshi, HoD/Agri Engg, followed by the introduction of the chief guest by Mrs. M. Vaijayanthi, Assistant Professor/Agri Engg. The session featured a live demonstration of SENSELUTO, an innovative device developed and evaluated by a team of agricultural scientists. Designed to simplify soil testing, SENSELUTO provides real-time data on soil moisture, temperature, humidity, electrical conductivity, and NPK levels, thereby supporting informed decision-making directly from the field. This smart solution is adaptable for both small-scale gardens and large farmlands, aiming to improve crop yields, reduce costs, and promote sustainable growth. The lecture was highly interactive, as students actively discussed the role of IoT in revolutionizing farm operations and contributing to sustainable agricultural practices in India. The programme concluded at 4.25 pm with a vote of thanks delivered by a final-year student representative of the department. The event saw the participation of 4 faculty members and 100 internal students, totaling 104 participants, making it an insightful and engaging session.

NON-ACADEMIC EVENT ON "PARTHENIUM AWARENESS PROGRAMME FOR STUDENTS TO PROTECT THE ENVIRONMENT"

The Department of Agricultural Engineering, Excel Engineering College (Autonomous), organized an Outreach Programme on Parthenium Weed Biology on campus. The programme commenced at 11.50 am with a warm welcome address by Dr. Vinnakota Yesubabu, Department of Agricultural Engineering. The session, handled by Dr. R. Suvitha, Assistant Professor/Agri Engg, focused on the biology of Parthenium hysterophorus, a notorious weed widely known as famine weed. She explained how this invasive species causes severe health issues such as skin allergies, hay fever, and respiratory problems in humans and animals, while also reducing agricultural productivity and biodiversity. The lecture highlighted the devastating effects of Parthenium on pastures and farmland, resulting in significant yield losses and negative impacts on livestock and crop production. Through an interactive discussion, students explored the challenges posed by invasive weeds, effective control measures, and the importance of sustainable agricultural practices to mitigate their effects. The programme concluded at 01.00 pm with a vote of thanks proposed by a third-year student representative of the department. The event recorded the participation of 2 faculty members and 55 internal students, bringing the total to 57 participants, and proved to be an enlightening session on combating weed-related agricultural challenges.

INAUGURAL CUM LANGUAGE PROFICIENCY PROGRAM

The Department of English inaugurated the English Literary Club for the Academic Year 2025–26 with an inspiring program titled "Igniting Expressions: Language Proficiency Program." The event aimed to enhance students' communication abilities and foster literary creativity.

The session commenced with a warm welcome, setting the tone for a meaningful exploration of the importance of language proficiency in academic and professional success. Dr. K. Saravanan, Associate Professor of English and Convenor, addressed the gathering, emphasizing English as a vital tool for self-expression, leadership, and global communication. He encouraged students to practice consistently to gain mastery and confidence in the language.

Dr. C. Samsonraj, Assistant Professor of English and Program Coordinator, outlined the objectives of the Literary Club, highlighting its focus on debates, public speaking, and group activities that would nurture creativity, critical thinking, and teamwork.

The highlight of the day was the active participation of students, who showcased their talents through speeches, storytelling, and extempore presentations, reflecting their enthusiasm and confidence. Their performances embodied the vision of the club as a platform for vibrant expression and holistic learning.

The program concluded with acknowledgments to the management, deans, faculty members, and students for their support and contributions. The inauguration marked the beginning of a year filled with engaging activities designed to empower students with communication excellence.

The "Igniting Expressions" initiative proved to be a promising start, inspiring students to embrace opportunities for self-expression and to recognize effective communication as a cornerstone of personal and professional growth.

ANTI-DRUG MASS PLEDGE EVENT AND COMPETITIONS

The Anti-Drug Club of Excel Engineering College organized an impactful Anti-Drug Mass Pledge Event and Competitions to raise awareness about the harmful effects of drug abuse and to inspire students to adopt a healthy, drug-free lifestyle.

The event commenced with a mass pledge, where students and faculty members collectively vowed to abstain from drugs and to spread awareness within society. A total of 150 students participated with great enthusiasm, demonstrating their commitment to the cause.

Following the pledge, competitions were conducted, providing students with a platform to creatively express their concerns and perspectives on drug abuse through innovative ideas and thought-provoking presentations.

The program was successfully coordinated by Dr. R. Deepa, Assistant Professor of Mathematics, and Dr. P. Sivakumar, Associate Professor of Chemistry, whose guidance and encouragement ensured active student engagement and impactful outcomes.

The initiative not only reinforced the importance of staying drug-free but also instilled a strong sense of social responsibility and collective action among the participants.

AWARENESS PROGRAM ON "THE ROLE OF THE INDIAN KNOWLEDGE SYSTEM IN HIGHER EDUCATIONAL INSTITUTIONS"

The Indian Knowledge System (IKS) Cell of Excel Engineering College organized an insightful awareness program on "The Role of the Indian Knowledge System in the Higher Educational Institutions".

The session was delivered by Lt. Dr. S. Nithya, Assistant Professor of English and Associate NCC Officer, Karpagam Academy of Higher Education, Coimbatore, who captivated the audience with her expertise.

More than 150 students actively participated in the event and gained a deeper understanding of how the Indian education system has evolved from ancient times to the modern era. The resource person effectively explained the differences between English and Indian education systems, tracing the historical transition with the support of textual references and video evidence.

The program was successfully coordinated by Dr. N. Prabhu (Professor of Physics) and Dr. K. Saravanan (Associate Professor of English). The event proved highly enriching, providing students with a new perspective on the relevance of India's rich knowledge heritage in contemporary higher education.

Excel® ENGINEERING COLLEGE

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