

# NEWSLETTER



## November 2025

(Vol XX Issue XI)

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## VISION

**Empowering human values and advanced technical education to navigate and address global challenges with excellence.**



## MISSION

- M1 - Seamlessly integrate human values with advanced technical education.**
- M2 - Supporting the cultivation of a new generation of innovators who are not only skilled but also ethically responsible.**
- M3 - Inspire global citizens who are equipped to create positive and sustainable impact, driving progress towards a more inclusive and harmonious world.**

# Editor's Desk



**Dr. Amita Bhati**

**"Courage doesn't always roar. Sometimes courage is the quiet voice at the end of the day saying, 'I will try again.'"**

**- Mary Anne Radmacher**

Dear all  
Greetings from the Editorial Desk!

**"New month. New mindset. November is your chance to finish the year with power and purpose."**

November at Dronacharya College of Engineering, Gurugram was marked by innovation, learning, national participation, and outstanding achievements across multiple domains. The month featured a series of impactful workshops, industrial visits, expert sessions, and national level engagements that enriched students with technical competence, leadership skills, and hands-on exposure. Students benefited from workshops in Virtual Labs, Drone Technology, iOS Development, Resume Building, and cutting-edge AI technologies through an inspiring Alumni Connect session. Multiple industrial and educational visits — including IIT Delhi Open House, Subros Ltd., Powergrid HVDC Station, and other premier institutions — helped bridge the gap between classroom learning and real-world applications. The NSS units of DCE made their presence felt at National Integration Camps in Rohtak and Kurukshetra, securing medals in cultural and sports events while actively engaging in national unity and social service initiatives. The Institutional Hackathon "Hack for Social Cause" further showcased students' innovative spirit. On the academic excellence front, DCE faculty and students proudly participated in ESTIC 2025 and the IEEE Region 10 CQW Workshop, strengthening the institution's research and quality culture. The month also witnessed international success as four students completed the Global Lab Intern Program in South Korea, earning global recognition. Additionally, DCE celebrated a proud victory with students winning 1st position at NSUT Delhi's INNOVISION'25. Overall, November 2025 was a month of growth, achievement, and vibrant academic activity, reaffirming DCE's commitment to nurturing future-ready engineers and responsible citizens.



## Workshop on Virtual Labs (For First Year Students)

3<sup>rd</sup> November 2025



Dronacharya College of Engineering, Gurugram, in collaboration with IIT Delhi, organized a One-Day Workshop on "Virtual Labs" on 3<sup>rd</sup> November 2025 to promote digitally enabled practical learning. The session introduced students and faculty to remotely accessible experiments across various engineering domains, emphasizing enhanced accessibility and innovation. Experts from IIT Delhi demonstrated platform features, experiment execution, and hands-on navigation. Participants explored experiments in electronics, electrical engineering, programming, and design through interactive practice sessions. The workshop effectively showcased how Virtual Labs can transform traditional labs into inclusive, interactive, and technology-driven learning experiences.



## ESTIC 2025

3<sup>rd</sup> - 5<sup>th</sup> November 2025



Dronacharya College of Engineering proudly participated in ESTIC 2025, held from 3<sup>rd</sup>-5<sup>th</sup> Nov in New Delhi, where the Hon'ble Prime Minister announced the historic 1 Trillion RDI Fund to boost deep-tech and futuristic innovation. Representing the institution, Prof. Pooja Sharma and Prof. Neha Chauhan engaged with global leaders from ISRO, IITs, DST, DoT, and top deep-tech startups. The conclave featured visionary talks by Nobel Laureates, discussions on India's roadmap for 6G, NavIC, AI, and space missions, and exhibitions by 35+ startups and 100+ research teams. The event showcased India's expanding leadership in cutting-edge technology. ESTIC 2025 marks a defining shift toward transforming India into a global innovation powerhouse.



## National Integration Camp (NIC) 2025

4<sup>th</sup> - 10<sup>th</sup> November 2025

Three NSS volunteers from Dronacharya College of Engineering, Gurugram participated in the National Integration Camp (NIC) 2025 held at MDU, Rohtak from 4th-10th November, engaging in cultural, academic, and social service activities promoting unity and youth empowerment. They attended expert sessions, workshops, and national-level events under themes like Ek Bharat Shreshtha Bharat and Viksit Bharat. Priyanshu and Jyoti earned Gold Medals for their contribution to the Blood Donation Camp, while Priyanshu also won Bronze in Group Dance and Tug of War. All three volunteers received participation and merit certificates. The camp strengthened their leadership, teamwork, and appreciation of India's cultural diversity.



## IEEE Region 10 Conference Quality Workshop (CQW) 2025

7<sup>th</sup> November 2025



Ms. Tamanna Sehgal, Assistant Professor at Dronacharya College of Engineering, attended the IEEE Region 10 Conference Quality Workshop (CQW) 2025, organized by NITTTR Chandigarh and IEEE. The workshop provided insights into IEEE conference standards, ethical practices, operational guidelines, and quality assurance processes. Expert speakers discussed conference approval procedures, peer-review integrity, publication workflows, and financial transparency. Panel discussions further highlighted challenges and best practices in organizing high-quality IEEE conferences. The workshop proved highly enriching, strengthening Ms. Tamanna's understanding of conference management and IEEE's commitment to excellence.

## Commemoration of the 150th Anniversary of "Vande Mataram"

7<sup>th</sup> November 2025

Dronacharya College of Engineering, Gurugram, commemorated the 150th Anniversary of India's national song "Vande Mataram" with great patriotic spirit on 7th November 2025.



Newsletter November, 2025

Published by: **DRONACHARYA COLLEGE OF ENGINEERING, GURUGRAM**



The event featured the mass singing of the full song, followed by an address by NSS Programme Officer Dr. Anupam Dalal on its historical significance. Students and faculty then joined the live telecast of the Hon'ble Prime Minister's national address from New Delhi. A Unity Pledge was administered to reinforce national harmony and collective responsibility. The program concluded with the Haryana State Song, celebrating both national pride and regional heritage.



## Institutional Hackathon "Hack for Social Cause"

7<sup>th</sup> November 2025

The NSS Units of Dronacharya College of Engineering (DCE), Gurugram, organized the Institutional Hackathon "Hack for Social Cause" on 7th November 2025 under the My Bharat

Social Hackathon 2025 and VBYLD 2026 initiative. The event brought together 15 teams who developed innovative, technology-driven solutions aligned with the nine pillars of Viksit Bharat 2047. Participants were guided by mentors from the Ministry of Youth Affairs & Sports, IIT Bombay, and institutional faculty. Team Infra won the Hackathon with their AI-based parking automation system "Park Prabandh," appreciated for its real-world impact and scalability. The Hackathon successfully promoted youth-led innovation and prepared participants for the next stage at the state level.



## Hands-on workshop on “Drone Technology and GNSS”

7<sup>th</sup> - 8<sup>th</sup> November 2025



The E-Yantra LSI Lab, in collaboration with the ECE Department of Dronacharya College of Engineering, Gurugram, organized a two-day hands-on workshop on “Drone Technology and GNSS” from 7th-8th November 2025. The sessions covered drone components, flight control, GNSS-based navigation, and practical demonstrations using SCILab. Participants also performed drone assembly, BLDC motor and ESC connections, and explored real-world GNSS integration. The workshop successfully bridged theoretical concepts with practical skills, encouraging teamwork and technical application. Overall, the program enhanced students’ understanding of UAV systems and inspired them to pursue future innovations in drone technology



## Three Days Workshop on “iOS Development: Building Applications for the Apple Ecosystem”

7<sup>th</sup> - 9<sup>th</sup> November 2025



The Institution’s Innovation Council (IIC), Dronacharya College of Engineering, organized a three-day workshop on “iOS Development: Building Applications for the Apple Ecosystem” from 7th-9th November 2025. Conducted by Mr. Vivek, iOS Developer Intern at Swiggy, the workshop introduced students to Xcode, SwiftUI, and the complete workflow of iOS app development. Participants engaged in hands-on coding, UI design, and debugging activities, gaining practical industry-level skills. The sessions also highlighted entrepreneurship and emerging opportunities in the mobile app ecosystem. The workshop successfully inspired innovation and empowered students to pursue creative app development ideas.





## Industrial Visit to the Powergrid HVDC Station, Dadri

8<sup>th</sup> November 2025



The IEEE Student Branch of Dronacharya College of Engineering organized an Industrial Visit to the Powergrid HVDC Station, Dadri, on 8<sup>th</sup> November, 2025 for 3<sup>rd</sup> and 5<sup>th</sup> Semester EEE students. The visit offered students valuable exposure to real-time operations and advanced power system technologies. They learned about Converter Units, Substation Layout, and the Cooling System, gaining practical understanding of HVDC transmission. Er. Neeraj Kumar Gahlot, Chief Manager at Powergrid, guided the students and provided in-depth professional insights. Overall, the visit was highly informative and strengthened the connection between theoretical learning and industrial applications.



## Visit to IIT Delhi Open House 2025

8<sup>th</sup> November 2025



Dronacharya College of Engineering organized an educational visit to IIT Delhi for its 20<sup>th</sup> Open House on 8<sup>th</sup> November 2025, offering students exposure to cutting-edge research and innovation. Students explored advanced labs, academic blocks, and exhibitions showcasing sustainability projects, biomedical simulators, and material science demonstrations. They interacted with IIT Delhi researchers and student volunteers who simplified complex scientific concepts. The visit highlighted the institute's strong culture of research, creativity, and societal impact. Overall, the experience inspired students to pursue emerging technologies and consider future research opportunities.





## Campus Placement Drive with Expertlancing Research Services

11<sup>th</sup> November 2025



Dronacharya College of Engineering, Gurugram conducted a successful Campus Placement Drive with Expertlancing Research Services on 11th November 2025 for the Batch 2022-2026. The event began with an insightful pre-placement talk highlighting opportunities in IP Research, Technology Consulting, and Emerging Technologies. Students showcased exceptional analytical, communication, and problem solving skills throughout the selection process. The drive further strengthened industry-academia collaboration and reaffirmed the college's commitment to Industry 4.0-aligned education. At Dronacharya, we continue to prepare future-ready engineers through academic excellence and skill empowerment.



## National Integration Camp (NIC) 2025 at Kurukshetra University

11<sup>th</sup> - 17<sup>th</sup> November 2025



Dronacharya College of Engineering, Gurugram, participated in the National Integration Camp (NIC) 2025 held at Kurukshetra University from 11<sup>th</sup> to 17<sup>th</sup> November. The camp, themed "Youth for My Bharat and Youth for Digital Literacy," brought together over 200 NSS volunteers from 17 states for a week of cultural, academic, and community-oriented activities. DCE volunteers took part in yoga sessions, competitions, cultural evenings, museum visits, and special lectures promoting unity and national integration. They also participated in the Run for Unity, creative events, and heritage learning experiences such as the Jyotisar light and sound show. The camp concluded with certificate distribution and cultural performances, offering students a memorable and enriching national-level exposure.

## Alumni Connect Session on "Intelligent Autonomy: Engineering Future-Ready AI with Agentic Models & RAG"

12<sup>th</sup> November 2025



Dronacharya College of Engineering, Gurugram hosted an impactful Alumni Connect Session on "Intelligent Autonomy: Engineering Future-Ready AI with Agentic Models & RAG," featuring distinguished alumnus Mr. Abhay Bhan from ASPR AI. Students gained hands-on experience with autonomous agents, RAG pipelines, cloud workflows, and real-time AI problem-solving. The interactive Q&A helped them understand industry trends and career opportunities in LLMs, Agentic AI, and automation. The session strengthened industry-academia collaboration and boosted AI skill development on campus. DCE extends heartfelt gratitude to Mr. Abhay Bhan for inspiring future innovators with his valuable insights.



## Workshop titled Resume Ready: Shape Your Story for Success

14<sup>th</sup> November 2025

Dronacharya College of Engineering organized a workshop titled Resume Ready: Shape Your Story for Success on 14th November 2025, conducted by Dr. Amita Bhati under the Literary Club, InkSphere. The session focused on helping students build professional, structured, and impactful resumes. Principal Dr. Isha Malhotra and other faculty members emphasized the importance of strong communication and presentation skills in career growth. Students learned essential resume components, achievement writing, and LinkedIn profile basics through practical guidance. A live resume refinement activity further helped participants enhance their drafts, making the workshop highly interactive and beneficial for future placements.





## Poster Making Competition

14<sup>th</sup> November 2025



ECE Department of DCE Gurugram, in association with IIT Bombay's e-Yantra, organized a Poster Making Competition on the theme "e-Yantra: Learning by Doing." Participants were invited to submit a digital A2-sized poster by 14 November 2025, with results announced on the same day. The competition offered prizes of ₹ 3000, ₹ 2000, and ₹ 1000 for the top three entries. Each participant was allowed a single entry, and judging criteria included creativity, clarity, and theme relevance. The event was coordinated by Dr. Neha Mathur, encouraging students to showcase their innovative and artistic skills.

## INNOVATION OUTREACH 2025

15<sup>th</sup> November 2025



Dronacharya College of Engineering, Gurugram conducted the Innovation & Entrepreneurship Outreach Program 2025 on 15th November for students of PM Shri Government Senior Secondary School, Sec 4/7, Gurugram under the IIC, MoE initiative. The event featured expert sessions by Prof. Dr. Deepak Kumar, Prof. Neha Raghav, and Prof. Amritpal Kaur, along with hands-on lab experiences and enthusiastic Q&A interactions. Students explored state-of-the-art facilities through a guided campus tour covering labs, the library, the robotics lab, innovation centers, and smart classrooms. A competitive quiz added excitement, encouraging active participation. The program empowered over 95 students with exposure to emerging technologies, innovative thinking, and future career possibilities.

## NSS One-Day Orientation Programme

17<sup>th</sup> November 2025



Dronacharya College of Engineering participated in the NSS One-Day Orientation Programme organized by Gurugram University on 17th November 2025. The event brought together 320 Programme Officers and staff from five districts for training and knowledge sharing. Representing DCE, Dr. Anupam Dalal contributed actively to discussions, reinforcing collaborative efforts. Expert speakers delivered impactful sessions on social service, NSS implementation, and technical modules like PFMS-CNA. The programme effectively strengthened participants' understanding and skills, promoting enhanced execution of NSS activities across the region.



## Industrial Visit to Subros Ltd., Manesar

19<sup>th</sup> November 2025



Dronacharya College of Engineering organized an industrial visit to Subros Ltd., Manesar on 19th November 2025 for ECE and EEE students, coordinated by Ms. Kanika Lamba. Students received an insightful technical presentation on automotive AC systems, manufacturing processes, and quality control practices. A guided plant tour further helped them understand component fabrication, assembly, and testing workflows. The visit also exposed students to industrial safety, efficiency measures, and sustainability practices. Overall, the experience effectively connected theoretical learning with realworld industrial operations, enriching students' practical understanding and professional growth.

## "DSA Foundation Workshop"

19<sup>th</sup> November 2025



Dronacharya College of Engineering organized a high-impact DSA Foundation Workshop under the Deviators Club to strengthen students' fundamentals in Data Structures & Algorithms and prepare them for coding interviews and competitive programming. The session featured DCE's coding achievers—Kanak (ICPC Regionalist), Arpita (400+ LeetCode problems), and Anup (600+ LeetCode problems)—who guided participants through effective problem-solving strategies and essential DSA concepts. Designed for aspiring



software engineers, the workshop focused on building interview-ready skills for top tech roles and product-based companies. Students also received valuable mentorship and insights to enhance their performance in coding rounds, hackathon, and competitions. The workshop was held on 19th November 2025, fostering a strong coding culture at DCE.

### IIC Regional Meet

25<sup>th</sup> November 2025



Dronacharya College of Engineering, Gurgaon participated in the IIC Regional Meet for the NWRO Zone 2025 on 25th November at G. L. Bajaj Institute of Technology & Management, Noida, where institutions showcased innovations, shared best I&E practices, and took part in pitching sessions for YIC 2025 and APF. Represented by key faculty members, the college engaged in exhibitions, mentoring sessions, expert talks, and networking opportunities with incubators, investors, and ecosystem leaders. A major highlight was the Round 2 evaluation for YIC and APF, featuring over 4,000 innovations from across the region. Dronacharya presented 8 student teams, with 7 shortlisted for YIC and 8 for APF, reflecting strong innovation performance. The event strengthened the institution's presence in the National Innovation Ecosystem and motivated

further participation in MoE's innovation driven initiatives.

### National Constitution Day

26<sup>th</sup> November 2025

Dronacharya College of Engineering, Gurugram observed National Constitution Day on 26th November 2025 through a series of awareness activities organized by NSS Units, focusing on the theme "Upholding Constitutional Values and the Democratic Framework." The event featured a Constitution Quiz, Essay Writing Competition, Preamble Reading, and Speech Presentations, all of which saw enthusiastic student participation. The presence of dignitaries including Nodal Officer Dr. Ashok Kumar, Principal Dr. Isha Malhotra, Registrar Dr. Hansraj, and HoDs added significance and inspiration to the celebration. The activities deepened students' understanding of constitutional principles while encouraging civic responsibility and patriotic reflection. The program successfully fostered critical thinking, democratic awareness, and a strong sense of national identity among the participants.



## **Gita Mahotsav Commemoration**

28<sup>th</sup> November 2025

Dr. Anupam Dalal and Dr. Asok Kumar from the NSS Unit of Dronacharya College of Engineering attended the Gita Mahotsav Commemoration at Gurugram University on 28th November 2025. The event highlighted the Bhagavad Gita's role in shaping the vision of Viksit Bharat 2047 and guiding ethical leadership and human development. Eminent speakers shared insights on education, values, culture, and spiritual consciousness. Key discussions focused on the Gita's teachings on duty, discipline, and self-realization. The program effectively connected spiritual wisdom with academic perspectives, enriching participants' understanding of holistic development.





## ShlokaDecode 2.0



Dronacharya College of Engineering celebrates the victory of CSE 2nd-year students Divik Arora and Aarushi Prajapati, who secured 1st Position in ShlokaDecode 2.0 at INNOVISION'25, NSUT Delhi. Their project, "Swasthya Arogyam - The Temple of Eternal Wellness," stood out for its creativity and technological excellence. This achievement reflects DCE's commitment to nurturing innovation, problem-solving, and futuristic thinking. Heartiest congratulations to the winners for bringing honour to the institution!



## Global Lab Intern Program 2025

Dronacharya College of Engineering celebrates the global achievement of students Vaibhav Khandelwal (CSE), Anjali Sharma (CSE-AIML), Anshika Rawat (CSE-AIML), and Aryan Chhikara (CSE-AIML), who successfully completed the Global Lab Intern Program 2025 at Daegu Catholic University, South Korea. Their participation reflects excellence in international research, innovation, and global collaboration. The program enriched them with advanced technical exposure and cross-cultural learning. Heartiest congratulations to all interns for representing Dronacharya on the global stage.