DRONACHARYA Group of Institutions

<u>CSE EDITION</u> <u>NEWSILETTER</u>

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Jan - June 2023

Vision

Empowering the future with innovative advancements in computer science technology, fostering human values and principles, through technical education.

Mission

M1: Advancing computer science technology through cutting-edge research and education, driving innovation and excellence.

M2: Promoting a culture of ethical responsibility & human-centered design in technology, ensuring advancements benefit society.

M3: Empowering individuals with technical skills and values to create a sustainable and impactful future in the digital age.

PEOs (Program Educational Objectives)

- 1. To enable graduates to pursue higher education and research, or have a successful career in industries associated with Computer Science and Engineering, or as entrepreneurs.
- 2. To ensure that graduates will have the ability and attitude to adapt to emerging technological changes.
- 3. To prepare students to analyze existing literature in an area of specialization and ethically develop innovative methodologies to solve the problems identified.

PSOs (Program Specific Outcome)

- 1. To analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering.
- 2. To apply software engineering principles and practices for developing quality software for scientific and business applications.
- 3. To adapt to emerging Information and Communication Technologies (ICT) to innovate ideas and solutions to existing/novel problems.

Debate Competition on "National Youth Day"

Dronacharya Group of Institutions, Greater Noida organized a debate competition under the theme "Make the Optimum Utilization of Youth for Prosperous Tomorrow!" on the occasion of "National Youth Day". The topic for debate competition was "Role of Youth in Nation Building." 41 students from 1st and 2nd year participated in the competition.





Visit to 26th National Youth Day at Hubbali, Dharwad, Karnataka

NSS unit of Dronacharya Group of Institutions, Greater Noida organized a visit to "National Youth Festival- Hubbali, Dharwad, Karnataka" from 12th - 16th January, 2023. Two NSS student volunteers Aman Bansal (2nd year, CSE - Roll No. - 16021) and Richa Yadav (2nd year, CSE - Roll No. - 16140) along with NSS Program Officer attended the 5-day "National Youth Festival" organized and sponsored by Ministry of Youth Affairs & Sports, Govt of India, NSS Regional Centre, Karnataka









YUKTI – NIR: Idea Competition

Dronacharya Group of Institutions, Greater Noida organized "YUKTI – NIR: Idea Competition" from 12th to 16th January, 2023. 92 students from 2nd and 3rd year of B.Tech participated in the competition.

The objective of the competition was to make students think beyond the curriculum, to think critically and explore newer ways to conduct an innovation, to provide an opportunity for expression of creative thoughts and to inculcate research culture.





Celebration of Makar Sankranti and Lohri as a part of Ek Bharat Shreshtha Bharat

NSS wings, Dronacharya Group of Institutions, Greater Noida celebrated Makar Sankranti and Lohri as a part of Ek Bharat Shreshtha Bharat on 13th - 14th January 2023. Faculty members and students enthusiastically participated in the celebration.

The main objective behind the celebration was to celebrate the unity in diversity of our nation and to promote the spirit of Ek Bharat Shreshtha Bharat.





Case Study Competition on "National Startup Day"

Dronacharya Group of Institutions, Greater Noida celebrated "National Startup Day" on 16th January, 2023. A "Case Study Competition" on the topic – "From Start up to Success: An Entrepreneurial Case-Study" was organized from 14th - 16th January 2023. 78 students from CSE/CSIT/IT/ECE/ECS/EEE/ME and MBA departments participated in the competition.







NASSCOM Foundation: "Stepping Towards Social Good"

Dronacharya Group of Institutions, Greater Noida in association with NASSCOM Foundation & Social App Hub(A CSR initiative of Vodafone Idea Limited) organized a session on "Stepping Towards Social Good." 125 students along with 20 faculty members attended the session.



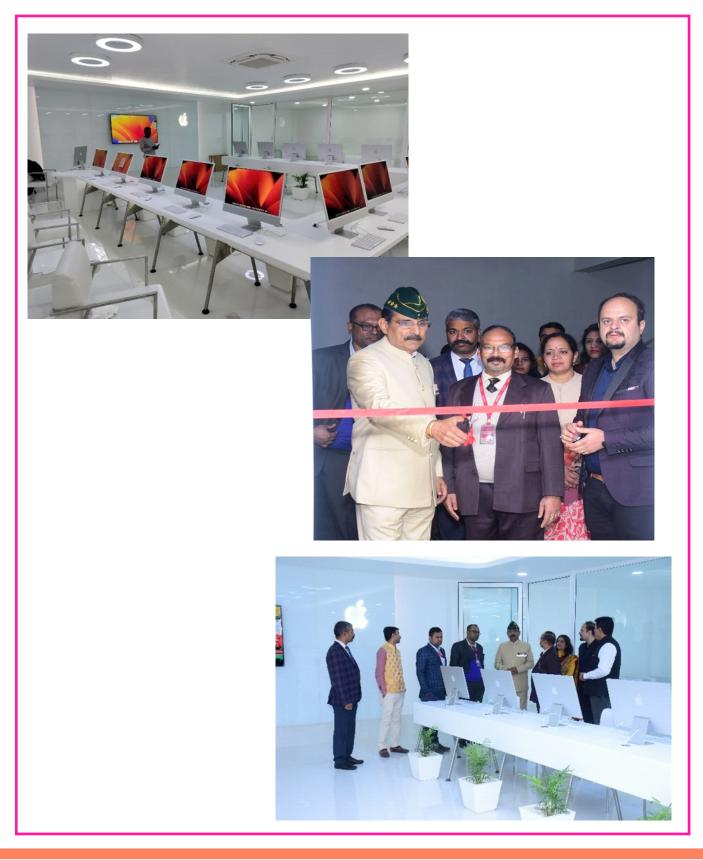
Patriotic Run "Rashtra Bhakti Khel Se Shakti"

NSS unit of Dronacharya Group of Institutions, Greater Noida organized a Patriotic Run under the theme "Rashtra Bhakti Khel Se Shakti" on 26th January, 2023 to pay tribute to Veterans of India who spent their life in protecting the nation along with martyrs who sacrificed their life for Indian soil. The AICTE has signed MoU with veterans India to promote nationalism and patriotism through the mode of sports and other activities across India. The Chief Guest of the program was Lt. General BS Sahrawat (AVSM, SM (Retd.). 285 participants attended the run with full enthusiasm.



Inauguration of iMac Lab

Dronacharya Group of Institutions, Greater Noida has set up a state-of the-art "iMac Lab" consisting of latest gadgets supplied by Apple Inc, viz: iMacs, iPad and an Apple TV on 26th January, 2023. The chief guest of the event was Lt. General BS Sahrawat (AVSM, SM (Retd.). He inaugurated the iMac lab and applauded the college for providing latest facilities.



Basant Panchami Celebration

Dronacharya Group of Institutions, Greater Noida celebrated the auspicious day of "Basant Panchami" on 26th January, 2023. All the faculty members, students and staff members celebrated the day by offering prayers to the Goddess seeking her blessings for knowledge and wisdom.





"Leadership Talk" with Prof. T.G. Sitharam

Innovation Ambassadors along with the final year students of Dronacharya Group of Institutions, Greater Noida attended the "Leadership Talk" with Prof. T.G. Sitharam (Chairman, AICTE) on 30th January, 2023. The session was organized by Ministry of Education's Innovation Cell.



G20 Cyber Security Exercise and Drill, 2023

Mr. Rajat Kumar (CSE Faculty) attended "G20 Cyber Security Exercise and Drill, 2023" on behalf of Dronacharya Group of Institutions, Greater Noida at Silver Oak, India Habitat Centre, New Delhi on 31st January, 2023. The event was conducted by The Indian Computer Emergency Response Team (CERT-IN), Ministry of Electronics and Information Technology of the Government of India.



Training Program on AWS Certified Cloud Practitioner (CLF- C01) Honeywell CSR Initiative

Dronacharya Group of Institutions, Greater Noida in collaboration with Honeywell and ICT Academy organized a Training Program on "AWS Certified Cloud Practitioner (CLF- C01)" from 6th - 24th February, 2023. Ms. Sneha Sharma from Honeywell was the eminent trainer of the training program. 65 students attended the training program. The Training Program was coordinated by Ms. Bhanu Bhardwaj (Asst. Professor, CSE Dept.), Ms. Richa Jaiswal (TPO, DGI) & Mr. Bharat Bhushan (System Administrator)





3 Day Workshop on "Role of Entrepreneur Towards Society" Shaping the Future of Country

Institutions Innovation Council (IIC), Ministry Of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized a 3 Day workshop on "Role of Entrepreneur Towards Society" from 6th – 8th February, 2023. Different activities were conducted during the 3 day workshop.



Workshop on "Design Thinking, Critical Thinking & Innovation Design"

Dronacharya Group of Institutions, Greater Noida organized a workshop on "Design Thinking, Critical Thinking and Innovation Design" on 10th February, 2023. IIC Ambassador, Dr. Bipin Pandey was the eminent speaker of the workshop. 85 students attended the workshop. The objective behind conducting the workshop was to educate the students and highlight the importance of Design Thinking, Critical Thinking and Innovation Design.





Boot Camp on "Alibaba Cloud Global PolarDB Hackathon, 2023"

Dronacharya Group of Institutions, Greater Noida conducted a Boot Camp on "Alibaba Cloud Global PolarDB Hackathon, 2023". Students from all the departments attended the boot camp. Global Hackathon is supported and managed in India by India Spark Ventures



Seminar on "IPR Awareness Program" (Under National Intellectual Property Awareness Mission)

Dronacharya Group of Institutions, Greater Noida, organized a seminar on "IPR Awareness" (Under National Intellectual Property Awareness Mission) on 14th February, 2023 at the seminar hall. Faculty members of engineering and MBA departments along with 120 students participated in the session. The eminent speaker of the session was Mr. Prashant Sharma (NIPAM Officer and Examiner of Patents and Designs, Ministry of Commerce and Industry)





NISP Refresher Session on "Design Effective Innovation & Startup Policy in HEI's"

Innovation Ambassadors along with faculty members and students of Dronacharya Group of Institutions, Greater Noida attended the NISP Refresher Session on "Design Effective Innovation & Startup Policy in HEI's" on 16th February, 2023.





Spoc Felicitation Cum Awareness Workshop of NPTEL

Mr. Rajat Kumar (SPOC, NPTEL Local Chapter) from Dronacharya Group of Institutions, Greater Noida attended a one day "SPOC Felicitation Cum Awareness Workshop of NPTEL" conducted at IIT KANPUR, Outreach Centre, Noida on 19th February, 2023. The awareness workshop is for the existing local chapters SPOC and for newly created local chapters SPOC, IIT Kanpur.





Innovation Boot Camp

Dronacharya Group of Institutions, Greater Noida organized "Innovation Boot Camp" on 20th - 21st February 2023.

The objective of boot camp was to guide students so that they can transform their innovation into a valid solution.





Painting Competition on "India's G20 Presidency-Vasudhaiva Kutumbakam"

The NSS Unit of Dronacharya Group of Institutions, Greater Noida organized a "Painting Competition" on the theme of India's G20 Presidency "Vasudhaiva Kutumbakam" on 24th February, 2023. The competition was organized in both online and offline mode. It was a great opportunity for all the participants. Vasudhaiva Kutumbakam, which translates to "One Earth, One Family, One Future," is the slogan of India's G20 presidency.

Praanjal Raikwar (CSE 2nd Year Student) got the position of 2nd Runner-up and prize money Rupees One Thousand only.



Celebration on National Science Day "Science Fiesta, 2023"

Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida celebrated "National Science Day" on 27th – 28th February, 2023. The celebration was held in line with India's G20 presidency. 87 students participated in the celebration activities.

The celebration was held in order to commemorate the invention of the Raman Effect in India by the Indian physicist, Sir Chandrasekhara Venkata Raman on the same day in the year 1928. The theme was "Global Science for Global Well-Being". The ultimate aim of celebrating the day was to provide awareness of Science among the engineering students.



Celebration on National Science Day "Science Fiesta, 2023"

Dronacharya Group of Institutions, Greater Noida organized a technical session on "Women Should Consider Entrepreneurship as Career Option" on 3rd March, 2023. The keynote speaker of the session was Dr. Yogita Shukla (Founder & Director, Wo-Men Geospatial Coterie.) Girl students of the college attended the session.



Technical Session on "Growing Presence of Women in Engineering"

Dronacharya Group of Institutions, Greater Noida organized a technical session on "Growing Presence of Women in Engineering" on 4th March, 2023. The keynote speaker of the session was Ms. Swati Grover (Founder, Disaster Resilient Foundation) Female faculty members and female students of the college attended the session.



Khelo India 10 KA DUM, Empowering Women through Sports

NSS Unit of Dronacharya Group of Institutions, Greater Noida organized "Khelo India 10 KA DUM, Empowering Women through Sports", under the banner of Ministry of Youth Affairs and Sports and an initiative of Sports Authority of India. Various Sport activities were organized under the initiative from 10th – 25th March, 2023. The female faculty members students and staff members of the college enthusiastically participated in all the sport activities. NSS Coordinator, Dr. Mamta Bhardwaj coordinated the events.









Short Term Training on "Enhancing Soft Skills and Personality"

When going gets tough, the tough gets going.' In order to motivate students and develop their personality, Dronacharya Group of Institutions, Greater Noida in association with Veteran India organized short term training on "Enhancing Soft Skills & Personality" from 20th - 24th March, 2023. Colonel Akhilesh Kumar Das was the Soft Skills Trainer during the training program. 70 students of B.Tech 3rd Year attended the training program.

The main objective of the five-day training program was to enhance participants' soft skills and personality traits to improve their personal and professional development.







GATE Qualifiers 2023

Two students of CSE Department of Dronacharya Group of Institutions, Greater Noida qualified GATE 2023.



Student Presented Paper

Student Presented paper in 4th International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-2023) (17th & 18th March 2023)

2 students namely Ridhi Gupta (14435,CSIT) and Puru Kumar (14082,CSE) from Dronacharya Group of institutions, Greater Noida presented their paper titled, "Indoor Navigation System using Simultaneous Localization and Mapping (SLAM) Technology" in 4th International Conference on Multidisciplinary Innovation in Academic Research (ICMAIR-2023)



Cognizance Techno - Fest at IIT Roorkee

Students, Yashika Goyal (CSE Dept.), Simon Singhal (CSE Dept.) and Rinesh Chanana (CSE Dept.), Khushi Kapoor (CSIT Dept.), Priya Yadav (CSIT Dept.) and Abhinav Tiwari (CSIT Dept) of Dronacharya Group of Institutions, Greater Noida attended the "Cognizance Techno – Fest" held at "IIT Roorkee" from 24th – 26th March, 2023.

The fest features numerous events and workshops, including IDEAZ (a paper presentation event on various ideas), SKY HIGH (an aero development event), ARMAGEDDON (a robotic combat championship), TECHZIBITION (a technological exhibition), and BLOCATHON (a hackathon based on web 3). The event was a platform for tech enthusiasts to learn, network, and participate in various workshops, seminars, and competitions.



"Tech Suraksha - An Internal Hackathon, KAVACH-2023"

Dronacharya Group of Institutions, Greater Noida organized Tech Suraksha - An Internal Hackathon on 1st & 10th April 2023. 42 teams registered and presented their ideas.

Jury members for the hackathon were: Mr. V. N. Shukla (CTO & Senior Consultant, CSC egovernance Services Pvt. Ltd), Mr. Rishabh Sharma (CEO, CodeDev), Mr. Akhilesh Garg (Software Engineer, BlackNGreen Mobile Solutions), Dr. Seema Shukla (Director, DGI), Dr. Shailesh Singh (Associate Professor, DGI).



Visit to "Festival of Innovation and Entrepreneurship (FINE), 2023

Dronacharya Group of Institutions, Greater Noida organized a Visit to "The Festival of Innovation and Entrepreneurship (FINE 2023)" on 11th April 2023 at Rashtrapati Bhavan. 45 students along with Dr. Mamta Bhardwaj, Ms. Kanika Thakur and Ms. Preeti Kumari visited FINE, 2023.



Crossword Competition

Dronacharya Group of Institutions, Greater Noida organized Crossword Competition on 12th April, 2023. 150 students of B. Tech and MBA participated in the competition.



YUKTI Innovation Challenge (YIC) 2023

Dronacharya Group of Institutions, Greater Noida organized Yukti Innovation Challenge (YIC) – An Internal Hackathon on 13th – 14th April, 2023. 30 teams participated in the internal Hackathon making the event a full success.



Training Program – Soft Skills by Rubicon (Barclays)

Dronacharya Group of Institutions, Greater Noida in collaboration with Rubicon (Barclays), organized a Training Program on "Soft Skills" from 17th – 25th April, 2023 Mr. Varun Khanna and Ms. Deepa Maharishi were the trainer for the program. The training program was coordinated by Ms. Bhanu Bhardwaj (Assistant Professor) & Mr. Bharat Bhushan (System Administrator).



Poster Competition on "World Creativity & Innovation Day"

Dronacharya Group of Institutions, Greater Noida celebrated "World Creativity and Innovation Day" on 21st April, 2023. 75 students of all B.Tech departments participated in the celebration. The day is a global observance aimed at promoting creative and innovative thinking as a way to solve problems and improve human lives.



Essay Competition on Women and IP: Accelerating Innovation and Creativity

Dronacharya Group of Institutions, Greater Noida organized an essay competition on the theme "Women and IP: Accelerating Innovation and Creativity" on World Intellectual Property Day on 26th April, 2023. Students actively participated in the event and presented their work. The competitions helped students to gain knowledge of types of IPR, ways to attain them and their role in establishing a successful venture. Students with best essays were awarded.





Alumni Connect Programme- Technical Session

Dronacharya Group of Institutions, Greater Noida organized Alumni Connect Program – Technical Session on 27th April 2023. The gracious Alumnus of Dronacharya Mr. Tanish Saxena discussed "Intellectual Property Rights (IPR) and Intellectual Property Management for start-up"



Dronacharya Group of Institutions, Greater Noida organized a technical session on "How to plan the start- up and legal & ethical steps" under the guidance of Mr. Manish Sharma (Eltropy India Pvt. Ltd).



Internship Program at IIIT, Delhi

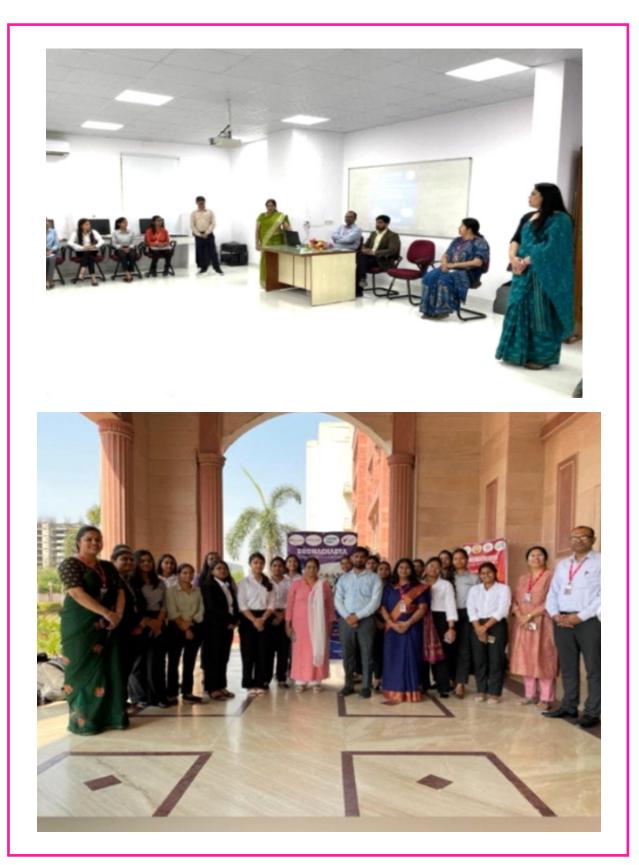
Pragya Dimri (Batch-2020-24) Computer Science student of Dronacharya Group of Institutions, Greater Noida for being selected in Internship Program at IIIT, Delhi.



Technical Training Program by Tech SakSham - Edunet Foundation

Women Development Cell (WDC), Dronacharya Group of Institutions, Greater Noida in partnership with Tech SakSham – Edunet Foundation organized a Technical Training Program from 20th March - 4th May, 2023.

Mr. Ankit (Edunet Foundation) was the trainer of the Technical Training Program. He featured enthusiastic participants; eager to learn and grow in the field of technology.



DRON-PRATIBIMB – A Technical Event

On the occasion of "National Technology Day" Dronacharya Group of Institutions, Greater Noida organized a technical event "DRON- PRATIBIMB" from 11th – 13th May 2023. The event included workshops and competitions.



Game Day by GameSena Gaming Club

Gamesena Gaming Club of Dronacharya Group of Institutions, Greater Noida organized "Game Day" on 18th May 2023 for the acers of Gaming in the campus. Students participated with enthusiasm and the top-notch line gaming laptops just uplifted the energy of the room.





Presentation of paper in Scopus Based Conference in 6th International Conference on "Multi- Disciplinary Research Studies and Education"

Students of Dronacharya Group Of Institutions, Greater Noida Presented the paper in Scopus Based Conference in 6th International Conference on "Multi- Disciplinary Research Studies and Education" on 19th - 20th May, 2023 at Kuala Lumpur City Centre, Malaysia on the topic: Education Triangle to be made a circle -through ethics Analogous perspective and Mechanism of Sustainable Development (ICMDRSE 2023).

Ms. Apekshita Aggarwal (CSE 2nd Year Student) also presented paper in this conference.





Summer Training and Internships

The glorious students of Dronacharya with their hard work and dedication have been able to grab great internship opportunities. And we as a leading institute of Engineering congratulate all our brilliant students.



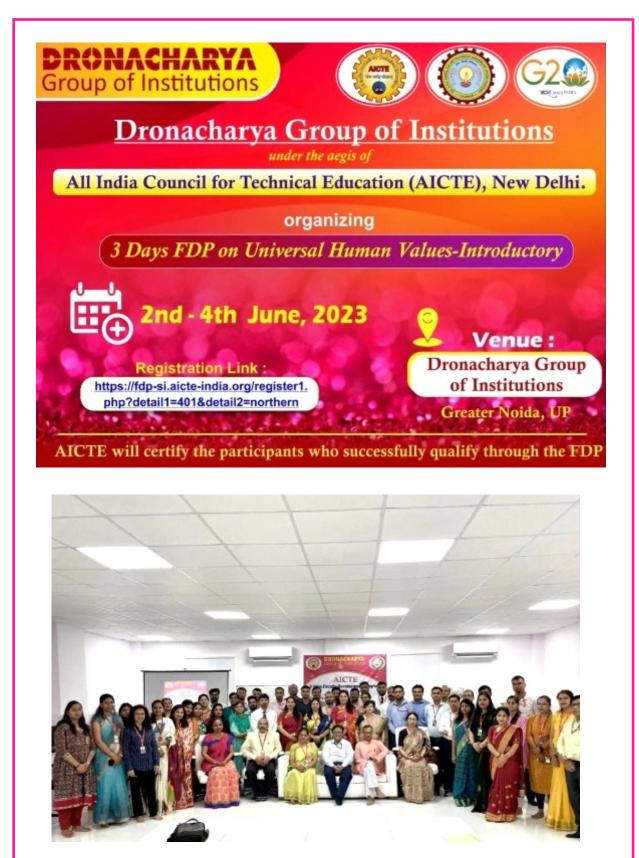
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Faculty Development Program

Dronacharya Group of Institutions, Greater Noida organized 3 days Faculty Development Program on "Universal Human Values- Introductory" under the aegis of All India Council of Technical Education (AICTE), New Delhi from 2nd to 4th June, 2023. The Guest of Honor was Prof. (Dr.) Sunil Luthra, Director (Training and Learning Bureau – AICTE)



Celebration of "World Environment Day"

Dronacharya Group of Institutions, Greater Noida together with NSS Unit celebrated "World Environment Day" on 5th June, 2023. 85 students participated in the celebration activities. Prof. (Dr). Archana Pandey (Eminent Educationist and Environmentalist) was the keynote speaker.



Paper Presentation in WCASET-2023 at Dubai, UAE

First and Second Year Students of Dronacharya Group Of Institutions, Greater Noida Presented paper in Scopus Based Conference in World Conference on Applied Science Engineering and Technology (WCASET) on 13th June, 2023 at Dubai, United Arab Emirates.

Paper 1

Title: Examining the Ambiguous Influence of Social Media on Mental Health, Daily Life: The Double- Edged Sword

Paper 2

Title: Utilizing plastic waste as a resource for fertilizer production.

Students Anjali Bisht(CSIT 1st Year) and Harshit Singh (AIML 2nd Year) (Author), Mridul Pandey, Midhvana Rishi (CSIT 2nd Year), Arihant Jain(ME 1st Year), Charu Pathak(1st year CSE), Priya Vats(1st year CSE), Khushi Chaudhary(1st year CSE) attended and presented the research paper in the conference along with their mentor Dr. Shailesh Kumar Singh.



Quiz on "World Blood Donor Day"

Dronacharya Group of Institutions, Greater Noida organized Quiz on "World Blood Donor Day" on 14th June, 2023. 80 enthusiastic students of B.Tech first year participated in the quiz. The event was coordinated by Mr. Gopal Singh (NSS Coordinator.) The student Coordinator was Ms. Chhavi Chaudhary (B.Tech 2nd year CSE).



DGI signs MOU with ICT Academy

Dronacharya Group of Institutions, Greater Noida and ICT Academy (a non-profit Society incorporated under the Tamil Nadu Societies Registration Act 1975) signed a MoU that shall encompass Faculty Development, Skill Development, joint Research and Publications, Entrepreneurship Development, Digital Empowerment and a strong Industry Academia Interface. The MoU was signed by Ms. Richa Jaiswal Training and Placement Head and Mr. Abhinadan Pandey State Head North India (Al) in the presence of Dr. Ritu Soryan and Mr. Amit Vishwas, Manager ICT Academy.



Innovation Design and Entrepreneurship Bootcamp

Innovation Design and Entrepreneurship Bootcamp was organized by Ministry of Education's Innovation Cell and AICTE from 22nd - 26th June, 2023 at six venues (IIT Bhubaneswar, IIT Guwahati, IISER Bhopal, NITTTR Chennai, NITTTR Chandigarh, COEP Pune) across India. 42 students from Dronacharya Group of Institutions, Greater Noida were shortlisted to attend the bootcamp at different location. 22 students along with Dr. Kaustubh Kumar Shukla attended the 5 days IDE boot camp at NITTTR Chandigarh.

