

DRONACHARYA
Group of Institutions

CSE EDITION

NEWSLETTER



July - Dec. 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.**

Academic Excellence Conclave 2023 Charting India's Global Education Path

Ms. Richa Jaiswal (Training and Placement Head) and Ms. Bhanu Bhardwaj (Assistant Professor, CSE Department) Dronacharya Group of Institutions, Greater Noida, attended the conference on "Charting India's Global Education Path: A Time-Bound Roadmap" which was organized by QS I-GAUGE at Sheraton Grand Pune Bund Garden Hotel, Pune on 6th July 2023.



Session on Angel Investment/VC Funding Opportunities for Early Stage Entrepreneurs

Dronacharya Group of Institutions, Greater Noida hosted an insightful and engaging event on 15th July, 2023, titled "Session on Angel Investment/VC Funding Opportunities for Early Stage Entrepreneurs." The event aimed to provide a comprehensive understanding of the crucial aspects of angel investment and venture capital funding, catering to early-stage entrepreneur's eager to take their startups to the next level.



Intra Institutional Start-up Competition and Rewards for Best Start-ups

Dronacharya Group of Institutions, Greater Noida organized an event titled "Intra Institutional Start-up Competition and Rewards for Best Start-ups" from 24th – 26th July, 2023. The event was managed through YUKTI-NIR. The event was meticulously designed to foster innovation, entrepreneurship, and collaborative spirit among aspiring entrepreneurs within the institution.



The banner features a vibrant, futuristic background with a purple and blue color scheme. At the top left is the YUKTI 2.0 Innovation Repository logo. In the center, the text "DRONACHARYA Group of Institutions" is displayed in bold yellow and white. To the right is the logo for the INSTITUTION'S INNOVATION COUNCIL (Ministry of Education, India). The central illustration shows four people sitting at desks with laptops, and a woman standing next to a large digital screen displaying a line graph. Various icons like a lightbulb, gears, and a bar chart are scattered around. At the bottom, a yellow banner contains the event title, and below that, the date "DATE : 24th -26th July 2023" is written in white.

YUKTI 2.0
Innovation Repository

DRONACHARYA
Group of Institutions

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education, India)

**Inter/Intra Institutional Start-up Competition and Reward
Best Start-ups - Manage through YUKTI-NIR**

DATE : 24th -26th July 2023

Akhil Bhartiya Shiksha Samagam – 2023

Students and faculty members of Dronacharya Group of Institutions, Greater Noida participated in the inaugural session of “Akhil Bhartiya Shiksha Samagam, 2023” organized by the Ministry of Education and the Ministry of Skill Development & Entrepreneurship to commemorate the third anniversary of the National Education Policy (NEP) 2020 and the second edition of the Akhil Bhartiya Shiksha Samagam.

The event, held virtually with participants from all corners of the country, focused on deliberating the transformational impact of the NEP 2020 and its alignment with the goals of Akhil Bhartiya Shiksha Samagam.



Session on "What are the challenges in the Startups"

Dronacharya Group of Institutions, Greater Noida organized a session on "What are the challenges in the startup" under the guidance of Mr. Anand Mathew(Zoom Communication Pvt. Ltd.). Mr. Anand emphasized, startups do not only fulfill the dreams of young aspiring entrepreneurs but also bring economic stability for a nation. Thus it is important to discuss the challenges that lead to failure of a startup.



Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs

Dronacharya Group of Institutions, Greater Noida organized session on “Accelerators/ Incubation – Opportunities for Students & Faculties – Early Stage Entrepreneurs.” The orator of the session was Sqn Ldr (Retd) Anjali Joshi. 85 students attended the session.

The poster features a background of a city skyline with a person in a suit standing in the foreground. The text is overlaid on this background. At the top left is the logo for Dronacharya Group of Institutions. At the top right is the logo for Institution's Innovation Council, Ministry of HRD Initiatives. The main title is centered in the upper half. A circular graphic in the lower half contains the date information.

DRONACHARYA
Group of Institutions

**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiatives)

Session On
**Accelerators/Incubation - Opportunities for Students
& Faculties - Early Stage Entrepreneurs**

DATE :
4th August
2023

Honeywell CSR Program – A Certificate course on “Artificial Intelligence” under the Student Youth Empowerment Program

Dronacharya Group of Institutions, Greater Noida in collaboration with Honeywell conducted a CSR program “A Certificate course on “Artificial Intelligence” under the Student Youth Empowerment Program from 7th -24th August, 2023. The program was coordinated by Ms. Bhanu Bhardwaj (Asst. Professor, CSE) and Mr. Bharat Bhushan, (System Administrator). Mr. Sanjeet Kumar was the trainer for the program.

The poster features a dark red and purple background with a yellow and white curved banner at the bottom. At the top left is the ICTACADEMY logo, followed by the DRONACHARYA Group of Institutions logo, and the Honeywell logo on the right. The central text reads 'Training Program' with a person icon, 'Honeywell CYE Program On', and '“Artificial Intelligence”' in a white box. Below this, it says 'in the Collaboration of ICT Academy'. On the left is a portrait of Mr. Sanjeet Kumar, with 'Trainer: Mr. Sanjeet Kumar' written below. On the right, a circular badge contains the date 'Date : 7th-24th Aug 2023'.

Panch Pran (Five Pledge)

NSS Unit, Dronacharya Group of Institutions, Greater Noida organized “Panch Pran (Five Pledge)” pledge taking ceremony in the college ground on 9th August, 2023. It included a commitment to uphold five key values connected to loving ethically, responsibly and harmoniously. All students, faculty members and staff members participated in the oath taking ceremony.



One Month Research Program at Kyushu Institute of Technology, Japan

Ms. Bhanu Bhardwaj, Dronacharya Group of Institutions, Greater Noida completed “One Month Research Program at Kyushu Institute of Technology, Japan” from 17th July – 16th August, 2023.



Session on “Importance of Frugal Innovation for Start- ups”

Dronacharya Group of Institutions, Greater Noida organized a Session on “Importance of Frugal Innovation for Start-ups” from 17th – 19th August, 2023. The keynote speaker of the session was Mr. Sanjeet Kumar (Trainer). 80 students attended the 3 day theoretical and practical session.



World Entrepreneurs Day: Case Study Competition

Dronacharya Group of Institutions, Greater Noida organized a “Case Study Competition” on the occasion of World Entrepreneurs Day celebrated on 21st August 2023. 56 students participated in the event.



Demo Day: A Battlefield of Idea Pitching

Dronacharya Group of Institutions, Greater Noida organized “Demo Day: A Battlefield of Idea Pitching” on 24th & 25th August, 2023. 65 students participated in the competition & displayed their wide variety of ideas. The coordinator of the event was Dr. Shailesh Kumar Singh (Innovation Ambassador). The judges of the competition were Prof. Dr. Seema Shukla, Prof. Sanghamitra V Arora and Dr. Bipin Pandey. The rules were pre-articulated to all.



National Sports Day

Sports Club, Dronacharya Group of Institutions, Greater Noida organized “National Sports Day” on 29th August, 2023. 275 students participated in various competitions. The event brought together students, faculty, and staff in a day of spirited competition and camaraderie.



Internal Hackathon “Smart India Hackathon 2023”

Dronacharya Group of Institutions, Greater Noida organized an “Internal Hackathon” on 15th & 16th September, 2023 to shortlist the teams for Smart India Hackathon 2023.



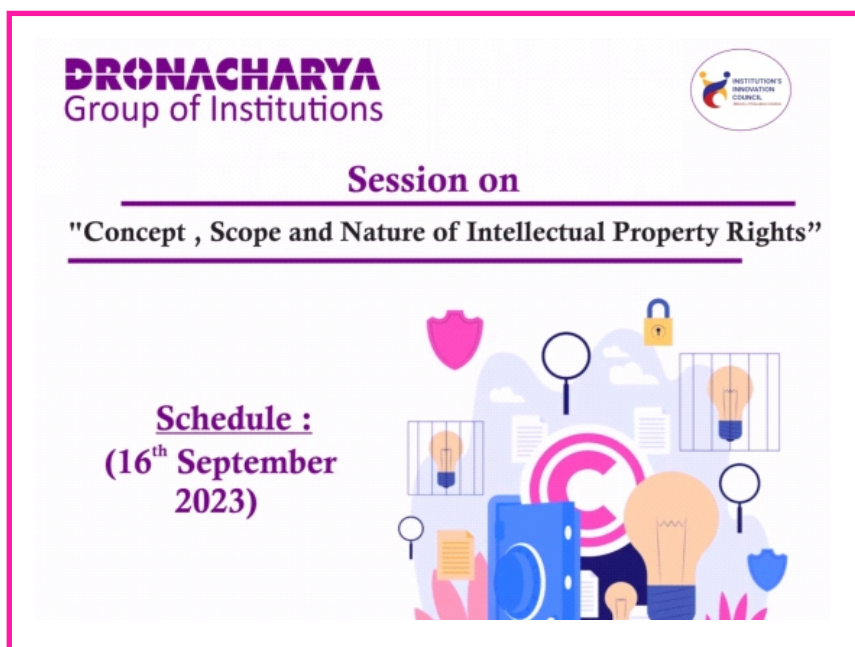
MOU Signing Ceremony with PrepInsta

On 15th September, 2023, a significant Memorandum of Understanding (MOU) was signed between PrepInsta, a leading online learning platform, and Dronacharya Group of Institutions, Greater Noida, a prominent educational institution in India. The MOU marks the beginning of a collaborative partnership aimed at enhancing the educational experience of students and fostering innovation in the field of education.



Session on “Concept, scope and nature of Intellectual Property Rights”

Dronacharya Group of Institutions, Greater Noida organized a Session on “Concept, scope and nature of Intellectual Property Rights” on 16th September, 2023. The keynote speaker of the session was Dr. Nahar Singh (Sr. Principal Scientist & Honorary Professor (AcSIR), CSIR-NPL, New Delhi . 85 students attended the session.



Workshop on “Entrepreneurship and Innovation”

Dronacharya Group of Institutions, Greater Noida organized a workshop on “Entrepreneurship & Innovation” as Career Opportunity on 18th September, 2023. Mr. Vivek Kumar Jhakhmola (Director, MTA Ev Division) was the resource person of the workshop. 65 students attended the workshop.



Participation in G20 Final University Connect

Second year Students along with faculty member Mr. Manoj Kumar Yadav of Dronacharya Group of Institutions, Greater Noida attended the session on G20 Final University Connect held on 26th September, 2023, at Bharat Mandapam, New Delhi in the presence of Prime Minister, Shri Narendra Modi.



Session on "How to ace Behavioural/HR Interview rounds?"

Technical Language Society along with Training & Placement Department, Dronacharya Group of Institutions, Greater Noida organized a Session on "How to ace Behavioural/HR Interview rounds?" on 27th September, 2023. B.Tech final year students of all the departments attended the session.

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How to ace Behavioural/HR Interview rounds?

Schedule :
(27th September 2023)

Speaker :
Shweta Latant
(Talent Acquisition Manager)



Personality Development Programme

Technical Language Society, Dronacharya Group of Institutions, Greater Noida organized “Personality Development Programme” on 29th September, 2023. The eminent speaker of the session was Capt. Manjula Katoch (Ex- Army Officer, certified Soft Skill Trainer and Tri Athlete of Pinkathon). 2nd Year B.Tech students attended the PDP.



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Personality Development Programme
For B.Tech 2nd Year Students

Date :
29th Sept
2023

Speaker
Capt. Manjula Katoch
Ex Army Officer | Skill Trainer From
Scottish Qualification Authority | Tri
Athelete of PINKATHON

gnindia.dronacharya.info



Walkathon on “World Heart Day”

NSS Unit, Dronacharya Group of Institutions, Greater Noida organized “Walkathon” in collaboration with Yatharth Super Specialty Hospital on “World Heart Day” with the aim of creating awareness among students to understand the importance of Heart health on 30th September, 2023.



Suryansh Tyagi

Students selected for Summer Internship

Students selected for Summer Internship at various Government bodies and Institutes.

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CONGRATULATIONS!

3rd Year Students Got Selected in
Summer Internship at DRDO, Ministry of Defence, GoI



Anshika Bisht
Roll No. - 15825 (CSE)

Karan Singh Negi
Roll No. - 15240 (ICBIT)

Riya Kumari Pandey
Roll No. - 15194 (CSE)

Varun Sharma
Roll No. - 15148 (CSE)

Pragya Dimri
Roll No. - 15188 (CSE)

Bhupender Singh
Roll No. - 15066 (CSE)

Sakshi Rawat
Roll No. - 15028 (CSE)

Nitin Adhikari
Roll No. - 15042 (ICBIT)

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Congratulations!
for being selected in

Summer Training Program in (Bharat Petroleum)



Akshay Kumar
Roll No.- 15014 (CSE)
3rd Year Student

Students selected for Summer Internship

Students selected for Summer Internship at various Government bodies and Institutes.

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E&ICT Academy
IIT Guwahati

CONGRATULATIONS!
for being selected in

Research Internship at E&ICT Academy, IIT Guwahati

Ayushya Verma
Roll No : 14026 (CSE)
Final Year Student

Indian Institute of Technology Guwahati
Department of Electronics & Electrical Engineering

Date: 22/6/2023

To,
Training and Placement Department,
Dronacharya Group of Institutions,
Greater Noida - 201306

Subject: Confirmation of the Research Internship of Mr. Ayushya Verma at E&ICT Academy, IIT Guwahati from February - April 2023

Dear Sir,

As per the email sent by the Head, Department of Computer Science and Engineering, Dronacharya Group of Institutions on 19 January 2023, Mr. Ayushya Verma, Roll No 14026, B.Tech. final year student of CSE Dept. of Dronacharya Group of Institutions, has been selected as a Research Intern at the E&ICT Academy, Indian Institute of Technology Guwahati for a period of three months, i.e. February to April 2023. During this internship, Mr. Ayushya will be working on the resolution of artificial intelligence and machine learning algorithms. Hope this research internship would enable Mr. Ayushya to do significant work at IIT Guwahati, leading to publish a research article in a peer reviewed journal or a conference. If you need further information in this regard, please let us know.

Dr. Gaurav Tripathi
Associate Professor,
Department of Electronics and Electrical Engineering,
IIT Guwahati, Guwahati, Assam, Pin 781039
Email: gtr@iitg.ac.in
Phone: +91-361-251-2376, +91-9811008762 (M)

ICSEIET-23

Dr. Mahesh Kumar Singh (Associate Professor, CSE Dept.) of Dronacharya Group of Institutions, Greater Noida was invited as Session Chair in IEEE International Conference on Sustainable emerging Innovations in Engineering & Technology (ICSEIET-23)

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CONGRATULATIONS!

For Contribution as Session Chair in

IEEE International Conference on Sustainable Emerging
Innovations in Engineering & Technology (ICSEIET-23)



Dr. Mahesh Kr. Singh
Associate Professor (CSE)

Session on “Advert to Innovate : Give Wings to your Imagination”

Dronacharya Group of Institutions, Greater Noida organized a session on “Advert to Innovate: Give Wings to your Imagination”. Captain Manjula Katoch (Ex-Army Officer and certified skill trainer) was the eminent speaker of the session. B. Tech 2nd year students attended the session.

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Advert to Innovate: Give Wings to your Imagination
For B.Tech 2nd Year Students

Speaker:

Capt. Manjula Katoch
Ex Army Officer | Skill Trainer From Scottish Qualification Authority | Tri Athlete of PINKATHON

6th October, 2023

gnindia.dronacharya.info



Celebration of International Girl Child Day

NSS Unit and Women Development Cell of Dronacharya Group of Institutions, Greater Noida celebrated “International Girl Child Day” on 11th October, 2023. The day was celebrated with the theme of “Empower Girls for a Brighter Tomorrow”. 85 girl students and 25 female faculty members participated in the celebration activities.



Session on “Essential Soft Skill for Engineers to maximize success in career”

To enhance the soft skills of the students, Technical Language Society, Dronacharya Group of Institutions, Greater Noida organized a session on “Essential Soft Skill for Engineers to maximize success in career”. Captain Manjula Katoch (Ex. Army Officer and certified Skill Trainer) was the speaker of the session. B.Tech 3rd year students attended the session.



Poster Competition on National Innovation Day

To commemorate the Birth Anniversary of the great leader, Dr. A P J Abdul Kalam, a visionary leader and the "People's President", Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida, organized a "Poster Competition" on 15th & 16th October, 2023. 42 students participated in the competition and displayed masterpieces by way of innovative posters. The theme of the poster competition was 'Depicting the Innovation and Spirit of Dr. A P J Abdul Kalam.'



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INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of IED Education)

ON NATIONAL INNOVATION DAY
BIRTH ANNIVERSARY OF DR. APJ ABDUL KALAM

POSTER COMPETITION
Theme: Depicting the Innovation and Spirit of Dr. APJ Abdul Kalam

Prizes

- 2000 INR
- 1500 INR
- 1000 INR

16th October, 2023

Competition Guidelines:

- 1) Artwork must be submitted by October 15, 2023.
- 2) All entries will be displayed on October 16, 2023, to mark the birth anniversary of Dr. Kalam.
- 3) Participants may use any medium (oil Pastels, water colour, Poster Colours etc) for their artwork. The poster size should be A 3 (16.5 X 11.7 inches)
- 4) Each student may submit only one entry.

Registration Deadline : 15 October, 2023

Register Here



Workshop on "Importance of Goal Setting for Emerging Young Entrepreneurs"

Dronacharya Group of Institutions, Greater Noida organized a workshop on "Importance of Goal Setting for Emerging Young Entrepreneurs" from 16th - 18th October 2023 for 3rd year students. Capt. Manjula Katoch was the keynote speakers for the workshop.

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INSTITUTION'S
INNOVATION
COUNCIL

WORKSHOP ON
Importance of Goal Setting for
Emerging Young Entrepreneurs
FOR 3RD YEAR STUDENTS

16th - 18th October , 2023

Capt. Manjula Katoch
Ex. Army Officer | Skill Trainer From
Scottish Qualification Authority | Tri
Athelete of PINKATHON



Visit to Indian Mobile Congress (IMC) 2023 "Expanding Tech Horizons"

Dronacharya Group of Institutions, Greater Noida organized a visit to 7th edition of "Indian Mobile Congress (IMC 2023)" on 27th October, 2023. Students along with Innovation Ambassador attended Asia's most extensive telecommunications, media, and technology forum. The theme of the event was "Global Digital Innovation."



Participation in Meri Maati Mera Desh Campaign's Amrit Kalash Yatra

Mr. Rajat Kumar along with 115 Students (NSS Volunteers) of Dronacharya Group of Institutions, Greater Noida participated in Meri Maati Mera Desh campaign's Amrit Kalash Yatra and Amrit Mahotsav closing Ceremony and Inauguration of "Mera Yuva Bharat" portal at Kartavya Path in New Delhi on 30th -31st October, 2023.



Celebration of National Unity Day

Mr, Rajat Kumar (Faculty CSE, DGI) along with NSS volunteers from Dronacharya Group of Institutions, Greater Noida participated in the National Unity day celebrations on 31st October, 2023 at Kartavya path.



Vigilance Awareness Week” (VAW)

Dronacharya Group of Institutions, Greater Noida observed “Vigilance Awareness Week” (VAW) on 30th October – 5th November, 2023. The theme for this year's Vigilance Awareness Week was ""Say no to corruption; commit to the Nation". 210 students participated in different activities during the observance of VAW.



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Group of institutions



Vigilance Awareness Week 2023

30th Oct - 5th Nov, 2023

Theme ■  **SAY**
NO 
TO CORRUPTION

PLEDGE TAKING CEREMONY

As per Central Vigilance Commission

<https://pledge.cvc.nic.in/>

Dr. Abdul Kalam Inter-Technical University Sports Fest, 2023-24 (Zonal Level)

Dronacharya Group of Institutions, Greater Noida hosted “Dr. Abdul Kalam Inter-Technical University Sports Fest, 2023-24 (Zonal Level)” from 3rd – 4th November, 2023. 24 colleges participated in various competitions held across 2 days. The two-day carnival witnessed amazing zeal and sportsmanship among the participants. The fest involved 18 different events for both boys and girls. Each game was supervised by a faculty coordinator.



Motivational Session

Dronacharya Group of Institutions, Greater Noida organized “Motivational Session” on 6th November, 2023. Ms. Rashmi Aggarwal (Co-Founder HRStop.com) was the eminent speaker of the session. 55 students attended the session.



The banner features logos for AICTE, Dronacharya Group of Institutions, NAAC, and the Institution's Innovation Council at the top. The main text reads 'Motivational Session By Successful Founder'. A portrait of Ms. Rashmi Aggarwal is on the left. To the right, it states the date as 6 November, 2023, identifies her as the speaker, and lists her as Ms. Rashmi Aggarwal (Co-Founder HRStop.com). The event is organized by IIC DGI, Greater Noida.

DRONACHARYA
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Motivational Session
By Successful Founder

Date: 6 November, 2023

Speaker:
Ms. Rashmi Aggarwal
(Co- Founder HRStop.com)

Organized By: IIC DGI, Greater Noida

Paper presented at "International Conference on Computational Intelligence and Cyber Security (ICCICS-2023)

Students Divyanshi Mishra (CSIT 3rd year) with Co-Authors Prerna Yadav (CSIT 3rd year), Nishita Sharma (CSIT 3rd year), Meenakshi Singh (CSIT 3rd year) under the guidance of Prof. Papiya Mukherjee (CSE) of Dronacharya Group of Institutions, Greater Noida presented the paper titled “3D image modelling using data sciences” at “International Conference on Computational Intelligence and Cyber Security (ICCICS-2023)”, jointly organized by the Department of Computer Science & Engineering and the Department of Electronics & Communication Engineering, University of Lucknow (UoL) on 9th November, 2023.



National Entrepreneurship Day “Quiz on Entrepreneurship and Business Development”

Dronacharya Group of Institutions, Greater Noida organized “Quiz on Entrepreneurship and Business Development” on 9th November, 2023. The quiz was conducted on the occasion of “National Entrepreneurship Day”. 347 students participated in the quiz.



Workshop on "Capital Budgeting for Entrepreneurs"

Dronacharya Group of Institutions, Greater Noida organized workshop on "Capital Budgeting for Entrepreneurs" on 16th and 17th November, 2023.

Dr. Sahab Singh (Associate Professor) of Dronacharya Group of Institutions, Greater Noida briefed about the importance of Capital Budgeting skills for the real time growth for an entrepreneur. Entrepreneurship training worthy of its name must also incorporate real-life situations for future entrepreneurs to appreciate and prepare for the difficulties of entrepreneurship.



Motivational Session

Dronacharya Group of Institutions, Greater Noida organized “Motivational Session” for B.Tech 3rd and 4th year students on 21st November, 2023. The eminent speaker of the session was Mr. Aayushya Verma {Sr. Software Developer (R&D), K.M. Williams and Associates}



The banner features a white background with a decorative orange and yellow circular pattern on the right side. At the top left, there are four logos: AICTE, a circular emblem with a lamp, NAAC, and the Institution's Innovation Council. The text 'DRONACHARYA Group of Institutions' is prominently displayed in the center. Below this, a dark brown banner contains the event title 'Motivational Session' and the speaker's name 'Aayushya Verma' in yellow. To the left of the text is a portrait of Mr. Verma. The date 'Date : 21 November 2023' is listed below the speaker's name. At the bottom, a white banner states 'Organized By: IIC DGI, Greater Noida'.

DRONACHARYA
Group of Institutions

Motivational Session
By Successful Innovator

Aayushya Verma
Sr. Software Developer(R&D)
K.M Williams and Associates

Date : 21 November 2023

Organized By: IIC DGI, Greater Noida

IIC Regional Meet for the NRO Zone

IIC members (Prof. Sanghamitra V. Arora, Dr. Sangeeta Mangesh, Dr. Adarsh Malviya and Dr. Teena Gakhar), Dronacharya Group of Institutions, Greater Noida attended IIC Regional Meet for the NRO Zone on 23rd November 2023 at Noida. Six student teams displayed their innovative ideas with the help of project prototypes at the event.



IIC Regional Meet for the NRO Zone

<p>Title of the Innovation/Prototype: ScanGPT</p>	<p>Team Lead Name: Sumit Raj Jha (CSE 4th Year Student)</p>
<p>Title of the Innovation/Prototype: OneLang</p>	<p>Team Lead Name: Gautam Negi (CSE 4th Year Student)</p>
<p>Title of the Innovation/Prototype: Multibanking System</p>	<p>Team Lead Name: Gomsi Sharma (CSE 4th Year Student)</p>



DRONACHARYA Group of Institutions

Institution's Innovation Council (IIC)

REGIONAL MEET 2023

YUKTI Innovation Challenge

YUKTI 2.0
Innovation Repository

Hardware Edition



Void detection in earthquake scenario

Unique & Portable Design for detecting and monitoring the void space in earthquake the void if their is any slight movement of any human being or living being buried under the concrete of building their is chance that we can save the life.



Solar Powered Road Accident Avoidance System

We have Developed a sleep detection & alarming system, which could effectively meet this demand by road accident reducer alarm for vehicles which not only alerts the driver but also reduces the speed of the car in between of two vehicles when a driver falls asleep during driving.



Robotic Bomb Disposal Hand

Robotic Bomb has flex sensors which are used to control the gripper of robotic arm. When the hand-glove is bent the servo motor attached to gripper rotates and the gripper opens. With the help of BCI we can control the robotic hand remotely wireless by just sitting at home

Software Edition



OneLang allows users to upload and create documents of various formats, including PDFs, which can be converted into editable forms



Our idea is to make a website where user can upload even a picture or document of their query and our website will scan the text and then pass that text to chatGPT and will display solution.



The problem that MultiBanking systems aim to solve is the fragmentation of financial data and services across multiple banks and financial institutions.

Visit to “18th FICCI Higher Education Summit 2023”

Dronacharya Group of Institutions, Greater Noida organized a visit to the 18th FICCI Higher Education Summit 2023, held at Dr. Ambedkar International Centre, New Delhi from 29th – 30th November, 2023. Dr. Sahab Singh (MBA Department) and Mr. Rajat Kumar (CSE Department) along with 15 students from Management & Engineering streams went to attend the summit.

75th Azadi Ka Amrit Mahotsav **INSTITUTIONS' INNOVATION COUNCIL** **DRONACHARYA Group of Institutions** **भारत सरकार MINISTRY OF EDUCATION** **FICCI**

Visit to
18th FICCI Higher Education Summit 2023

Global Destination for Higher Education: Advantage INDIA
29-30 November, 2023

Venue:
Dr. Ambedkar International Centre, New Delhi

"Empowering Minds, Driving Transformation: Redefining the Future of Higher Education"

DR. AMBEDKAR LOUNGE

SAP Summit on "Revolutionizing Education & Enhancing India's Digital Literacy"

To fill the gap towards latest technology between academia and industry a summit on Revolutionizing Education & Enhancing India's Digital Literacy was organized by SAP India on 30th November, 2023 at JW Marriott Hotel, New Delhi. **Dr. Mahesh Kumar Singh (Associate Professor – CSE Dept.),** and **Mr Manoj Kumar Yadav (Assistant Professor, CSE Dept.)** of Dronacharya Group of Institutions, Greater Noida attended the summit as a delegate



3rd International Conference on Advancement in Electronics and Communication Engineering

Dr. Mahesh Kumar Singh, faculty CSE Dept. of Dronacharya Group of Institutions, Greater Noida chaired a technical session in the 3rd International Conference on Advancement in Electronics and Communication Engineering (Technically Sponsored by IEEE) held on 23rd -24th November, 2023.



Technical Poster Presentation

Dronacharya Group of Institutions, organized “Technical Poster Presentation” on 1st -2nd December 2023. Mr. Deepak Kumar & Ms. Krati Hardya coordinated the event under the supervision of Dr. Shailesh Kumar Singh (Innovation Ambassador). Students from all the departments actively and enthusiastically participated in the event. Judges of the event were Prof. (Dr.) Seema Shukla, Prof. (Dr.) S. K. Srivastava, Prof. Sanghmitra V. Arora, Prof. (Dr.) Sangeeta Mangesh and Prof. (Dr.) Bipin Pandey. 20 teams participated in the presentation.

Dronacharya Group of Institutions
Organizing
TECHNICAL POSTER PRESENTATION

The Theme of the event are

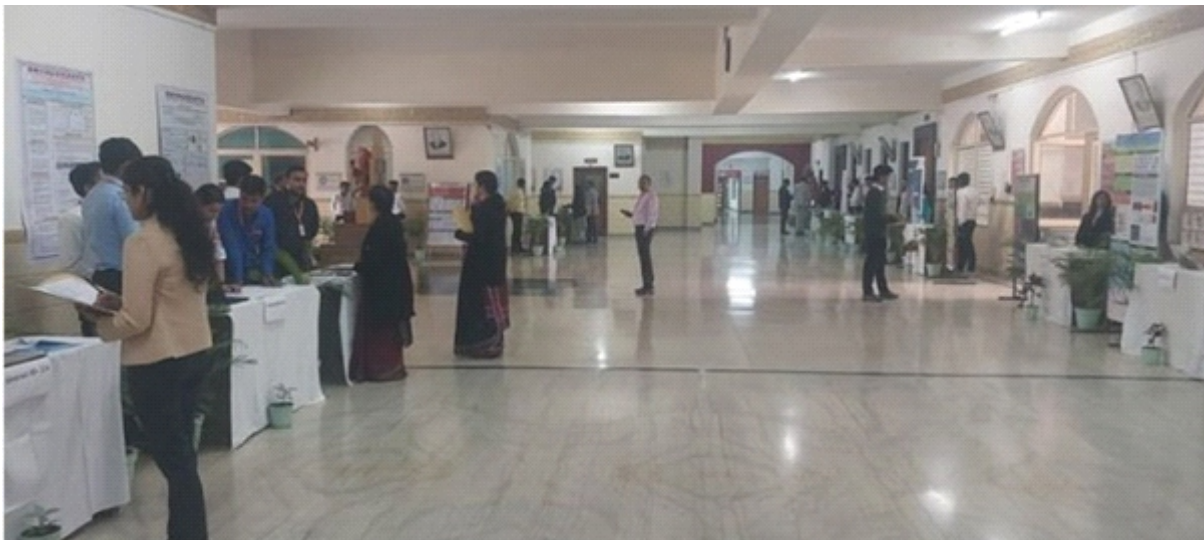
- Sustainability & Clean Energy
- Computer Technology and Applications
- Applied Electronics Communications
- Production and Industrial
- All other applied science, technical and innovative related topics

Date :
2
DEC 2023

Cash prize will be given to winners with merit certificates.
Abstract Submission : 16th November, 2023
Abstract Acceptance Notification : 17th November, 2023
Poster Submission : 23th November, 2023
Poster Acceptance Notification : 24th November, 2023
Poster Competition : 02nd December, 2023

Organising Team :
Event Convener : Dr. Shailesh Singh (Head, Department of Mechanical Engineering)
Event Coordinators : Dr. Deepak Kumar (Assistant Professor) | +91-9045953585
Ms. Krati Hardya (Assistant Professor) | +91-9199183452

Note :
1. Certificates will be given to all participants
2. All the submission will be received through email only on hodme@gnindia.dronacharya.info



Dr. Abdul Kalam Inter-Technical University Sports Fest, 2023-24 (State Level)

Three students Shravi Singh (4th year, CSE), Mehak Bharadwaj (3rd year, CSE), Khushi Srivastava (2nd year, CSIT) got a golden opportunity to represent Dronacharya Group of Institutions, Greater Noida in Dr. Abdul Kalam Inter-Technical University Sports Fest, 2023-24 (State Level) after securing 1st position in Table Tennis Girls Zonal Event. SR Group of Institutions, Lucknow hosted the fest from 1st – 2nd December, 2023. Ms. Parul Singh (Assistant Professor, CSE Department, DGI) accompanied them as their team manager.



Essay and Quiz Competition on “National Pollution Control Day”

NSS Unit together with Institution's Innovation Council (IIC), Ministry of Education (MoE), Dronacharya Group of Institutions, Greater Noida organized “Essay and Quiz Competition” on the occasion of 'National Pollution Control Day'. The topic of the quiz competition was 'National Pollution Control Day and Bhopal Gas Tragedy'. 85 students participated in the competitions.

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Essay Competition
Topic
"National Pollution Control Day and Bhopal Gas Tragedy"

Quiz Competition

NATIONAL POLLUTION CONTROL DAY
Date: 2nd December, 2023

Organised by: IIC, DGI Greater Noida

One Day Workshop on "VIRTUAL LABS"

Dronacharya Group of Institutions, Greater Noida conducted one-day workshop on "Virtual Labs" on 8th December 2023 in association with IIT Delhi. 9 faculty members along with 67 students of CSE and ECS Department attended the workshop. Mr. Chandan Kumar (Sr. Field Engineer), Mr. Gautam Sharma (Field Engineer), Mr. Jassi Prasad (Field Engineer) were the resource persons from IIT Delhi.



Smart India Hackathon – 2023 Grand Finale

Three Teams of Dronacharya Group of Institutions, Greater Noida were selected for the Grand Finale of SIH 2023 (One from Software Edition and Two from Hardware Edition)

Software Edition: 19th – 20th December, 2023 II Hardware Edition: 19th – 23rd December, 2023

Technoob (Team ID- 4064): Problem Statement: Using existing CCTV network for crowd management, crime prevention, and work monitoring using AIiML(SIH1349) was given by the Ministry of Railways. Students competed under the mentorship of Dr. Aadarsh Malviya (CSE Dept.) and Prof. Rajat Kumar (CSE Dept.) at S.N.A. College of Engineering and Technology. The following members were the part of Team Technoob:

	Name	Gender (M/F)	Stream	Year
Team Member	Sumit Sinha	M	CSIT	3rd
Team Member	Apekshita Aggarwal	F	CSE	3rd

Roboapsara (Team ID – 40590): Problem Statement: Robotics Device for Borewell Rescue Operation(PSID: SIH 1439) was given by Ministry of Home Affairs. Students competed under the mentorship of Prof. Aman Sanghi (ECE Dept.) and Prof. Manoj Kumar Yadav (CSE Dept.) at Coimbatore Innovation and Business Incubator (Forge). The following members were part of the Team Roboapsara:

	Name	Gender (M/F)	Stream	Year
Team Leader	Aditya Verma	M	CSE	2nd
Team Member	Aman Raj	M	CSE	2nd
Team Member	Rishabh Tomar	M	CSE	2nd
Team Member	Purna Sharma	F	CSE	2nd

CommuniCreators (Team ID – 2533): Problem Statement: Development of Augmentative and Alternative Communication (AAC) in Indian context(PSID: SIH 1406) was given by Ministry of Social Justice and Empowerment. Students competed under the mentorship of Sanghamitra Arora (ECE Dept.) and Dr. Bipin Pandey (CSE Dept.) at Galgotias University. The following members were the part of the Team CommuniCreators:

	Name	Gender (M/F)	Stream	Year
Team Leader	Praanjal Raikwar	F	CSE	3rd
Team Member	Mohd Aftab	M	CSE	3rd
Team Member	Shaina Salmani	F	CSE	3rd
Team Member	Sudhir Sangam	M	CSIT	3rd

Smart India Hackathon – 2023 Grand Finale



Team Technoob



Team Roboapsara

Smart India Hackathon – 2023 Grand Finale



Team CommuniCreators

Winners of Smart India Hackathon (Sr. Software Edition- Grand Finale)

Team Technoob from Dronacharya Group of Institutions, Greater Noida were one of the finalists and came up with flying victory and won Smart India Hackathon Grand Finale, Senior Software Edition which was held at Dindigul, Tamil Nadu on 19th - 20th December, 2023. Prof. Rajat Kumar and Dr. Aadarsh Malviya were the mentors and guided students throughout the 36 hour non-stop coding battle.



National Mathematics Day celebrations

Dronacharya Group of Institutions, Greater Noida organized different events as a part of National Mathematics Day celebrations from 18th December to 24th December, 2023. The aim to organize the celebration was to honor great Indian mathematician Srinivasa Ramanujan's contribution for his outstanding accomplishment in the field of Mathematics.

MINISTRY OF EDUCATION | **ANITE** | **DRONACHARYA** Group of Institutions | **INSTITUTION'S INNOVATION COUNCIL** | **G20**

NATIONAL MATHEMATICS DAY

22nd DECEMBER

REMEMBERING
THE GREAT MATHEMATICIAN ON HIS BIRTH ANNIVERSARY
SHRI SRINIVASA RAMANUJAN
CELEBRATION OF "MATHEMATICS WEEK"
FROM 18th - 24th DECEMBER 2023

Events :

- Expert lectures on Ramanujan's Life and Works
- Play, skit etc. on Ramanujan's Life
- Workshop on Vedic mathematics
- Presentation by students on any innovation/new ideas in mathematics
- Quiz competition on Ramanujan's Life and Work

DronHackathon- 2023 (Hardware and Software Project Competition)

Dronacharya Group of Institutions, Greater Noida organized a grand technical project exhibition, DRONHACKATHON-2023 on 28th – 29th December, 2023. The event was conducted under the supervision of RDC Convener Prof. Sanghamitra V Arora and other faculty members of DGI. On 28th December, 2023 the inauguration was initiated by Dr. S. K. Srivastava (Registrar, DGI) in the presence of all HOD's, faculty and students of DGI.



The poster features logos for AICTE, Dronacharya Group of Institutions, NAAC, and the Institution's Accreditation Council. The central graphic shows interlocking gears. The text includes the event title, dates, and venue details.

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DRONHACKATHON-2023
28-29 December 2023

Hardware & Software Project Competition

Venue
Dronacharya Group of Institutions,
Greater Noida
Organized By: IIC DGI, Greater Noida



Winners of DRONHACKATHON - 2023

Dronacharya Group of Institutions, Greater Noida organized DRONHACKATHON- 2023 (Hardware and Software Project Competition) on 28th – 29th December, 2023.

The winners of the competition were awarded with cash prize and all the participant's efforts were applauded by giving certificates.



Students secured second position in Technical Poster Presentation

Nikhil Shrivastav (ECE Department) , Sanskar Maurya and Md. Afroz (Mechanical Department) and Shaurya Chauhan (CSE Department) of Dronacharya Group of Institutions, Greater Noida secured second position in Technical Poster Presentation under the title "Micro Irrigation Network Based on Artificial Intelligence" with prize money of INR 3000.

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CONGRATULATIONS!
For securing 2nd Position

Technical Poster Presentation

Title: Micro Irrigation Network Based on Artificial Intelligence

				Cash Prize: 
Nikhil Shrivastav 16551(ECE) 3 rd Year	Sanskar Maurya 16661(ME) 3 rd Year	Md. Afroz 16663(ME) 3 rd Year	Shaurya Chauhan 16162(CSE) 3 rd Year	

All India North Zone Table Tennis Championship -Table-Tennis (Women's)

Mehak Bhardwaj (CSE Department) was selected in “All India North Zone Table Tennis Championship -Table-Tennis (Women's)” organized by Association of Indian Universities. The championship was held at NSUT, Delhi from 23rd – 25th December, 2023.

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AKITE

Association of Indian Universities

Association of Indian Universities

Congratulations!
for being selected in
TABLE-TENNIS WOMEN'S

All India North Zone Table Tennis Championship 2023-2024

Organized By:
Association of Indian Universities

Mehak Bhardwaj
16105 (CSE) 3rd Year

Venue: NSUT, Delhi | Date: 23-25 Dec, 2023