**DRCHARYA**Group of Institutions



July - Dec 2022

# Vision

Promoting technologists by imparting profound knowledge in information technology, all while instilling ethics through specialized technical education.

# Mission

- M1: Delivering comprehensive knowledge in information technology, preparing technologists to excel in a rapidly evolving digital landscape.
- M2: Building a culture of honesty and responsibility in tech, promoting smart and ethical leadership.
- M3: Empowering individuals with specialized technical skills & ethical values to drive positive change and innovation in the tech industry.

# PEOs (Program Educational Objectives)

- 1.To enable graduates to think logically, pursue lifelong learning and will have the capacity to understand technical issues related to computing systems and to design optimal solutions.
- 2. To enable graduates to develop hardware and software systems by understanding the importance of social, business and environmental needs in the human context.
- 3. To enable graduates to gain employment in organizations and establish themselves as professionals by applying their technical skills to solve real world problems and meet the diversified needs of industry, academia and research.

## **PSOs (Program Specific Outcome)**

- 1. To adapt to emerging technologies and develop innovative solutions for existing and newer problems.
- 2. To create and apply appropriate techniques IT tools to complex engineering activities with an understanding of the limitations.
- 3. To manage complex IT projects with consideration of the human, financial, ethical and environmental factors.

#### Panel Discussion with Innovator

Dronacharya Group of Institutions, Greater Noida organized a panel discussion with innovator Mr. Mohit Sagar (CEO& Founder of Furbishers Pvt. Ltd.) on 8th July, 2022. 50 students attended the session. The discussion was coordinated by Prof. Sanghamitra V Arora. The panel discussion was on "Innovation and Start Up Ecosystem Enablers".



International Conference on Optimization Techniques in Engineering and Technology (ICOTET 2022)

Dronacharya Group of Institutions, Greater Noida organized an International Conference on Optimization Techniques in Engineering and Technology (ICOTET 2022) on 8th - 9th July2022. Prof. Prem Vrat (Professor of Eminence), Prof. Pradeep Kumar (Former Vice Chancellor, DTU. Professor, IIT Roorkee) and. Mr. Gordian Overschmidt, (Founder & CEO of ODE Systems, Berlin, Germany) were the guest speakers of the International Conference.



#### World Entrepreneurs' Day

Dronacharya Group of Institutions, Greater Noida celebrated World Entrepreneur's Day on 21st August 2022. The activity was focused on creating awareness for entrepreneurship, innovation and leadership in which students has to build website to sell moon trip for tourist. Prof. Sanghamitra V. Arora was the faculty coordinator of the event. All branch students were participated in the event.



#### Guest Lecture on "New Technologies & Current Market Demand"

Dronacharya Group of Institutions, Greater Noida organized a guest lecture on "New Technologies and Current Market Trend" on 23rd August 2022. Mr. Ajay Dubedi (Founder and CEO) Mrs. Divya Dang (Global HR Head) and Mr. Harsh Vardhan Mishra (Tech Training Senior Specialist) were the keynote speaker of the session.



#### **Smart India Hackathon 2022**

Two teams namely The Spartans1 and Ray of Identity for software edition and 1 team Techmantra for hardware edition from Dronacharya Group of Institutions, Greater Noida were among the finalists in Smart India Hackathon 2022.

Team Techmantra went to A D Patel Institute of Technology, Gujrat for problem statement under National Disaster Response Force (NDRF), team The Spartans1 went to ACS College of Engineering, Karnataka for problem statement Defence Research and Development Organisation (DRDO), Ministry of Defence. and team Ray of Identity went to Vignana Bharathi Institute of Technology, Telangana for problem statement under Ministry of Electronics and Information Technology (MEITY) for the final round of competition.



**Team name: The Spartans1** 

#### **Smart India Hackathon 2022**

#### **Team name: The Spartans1**

**Team Details** 

Team Member 1: Sumit Sinha (CSIT)

Team Member 2: Kush Mishra

Team Member 3: Shashank Yadav (CSE) Team Member 4: Kaushal Sharma (AIML) Team Member 5: Midhvana Rishi (CSIT)

Team Member 6: Kunal (IT)

#### Team name: Techmantra

**Team Details** 

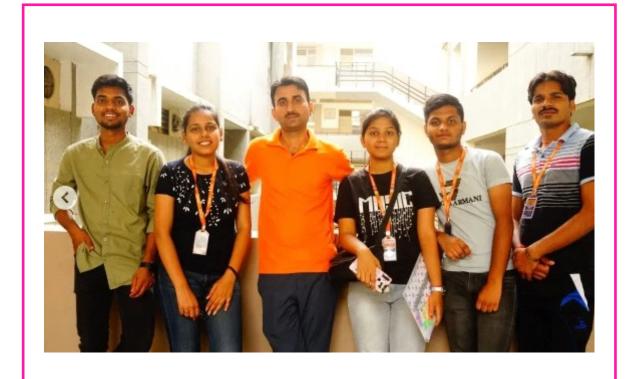
Team Member 1: Ankit Yaduvanshi (ECE)

Team Member 2:Shreyash Kumar

Team Member 3: Tanu Srivastava(CSIT)
Team Member 4: Nitish Kumar (ECE)
Team Member 5: Atik Ur Rehman (ECE)

Team Member 6:Aditi Gupta

#### Team name: Techmantra



#### Winners of SIH 2022

Team Techmantra comprising of 6 students under mentorship Prof. (Dr.) Hari Mohan Rai and Prof. Swati Tyagi from Dronacharya Group of Institutions, Greater Noida were the winner in hardware edition of SIH 2022 and won the cash prize of Rs. 100000.





#### GAMESENA - Game Tournament

Dronacharya Group of Institutions, Greater Noida in collaboration with 9.9 Group, organized an Online Gaming Tournament on 19th September 2022. 96 students participated for Gaming Challenge out of which 18 students qualified for the Grand Finale.



# GAMESENA - Game Tournament





#### National Engineer's Day

On the occasion of Engineers' Day and to celebrate the life of Bharat Ratna, Sir Mokshagundam Vishweshvaraya, Dronacharya Group of Institutions, Greater Noida organized events: Master Mind (quiz competition on technologies), Mighty Programmers (Coding Competition), Knowledge Blow (Presentation Competition) and Get Seeded (Business Plan and cost analysis competition) on 15th September 2022. Students from all the departments participated in the event.



## **AKTU Zonal Level Sports Fest**

Students of Dronacharya Group of Institutions, Greater Noida participated in AKTU Zonal Level Sports Fest on 14th -15th September 2022. Students from all department participated in the zonal fest.



#### Session on Entrepreneurship & Innovation as Career Opportunity

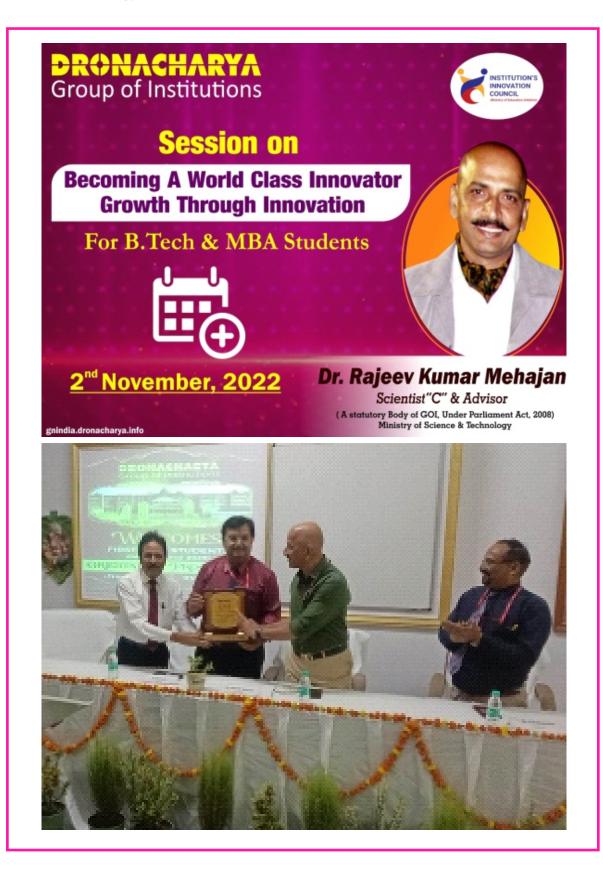
Dronacharya Group of Institutions, Greater Noida organized a session on "Entrepreneurship & Innovation as Career Opportunity" for B.Tech & MBA students on 1st November, 2022. The speaker of the session was Mr. Sushil Kumar Aggarwal, (Chairman & Director Avro India Limited). 225 students attended the session.





#### Session on Becoming a World Class Innovator - Growth through Innovation

Dronacharya Group of Institutions, Greater Noida organized a session on "Becoming a World Class Innovator – Growth through Innovation" for B. Tech & MBA students on 2nd November, 2022. The keynote speaker of the session was Dr. Rajeev Kumar Mehajan (Scientist "C" and Advisor (Ministry of Science & Technology). 250 students attended the session



#### Session on Process of Innovation Development

Dronacharya Group of Institutions, Greater Noida organized a session on "Process of Innovation Development" for B.Tech & MBA students. The speaker of the session was Mr. Randhir Batsa, General Manager, Admin & Sustainability Head (Neokraft Global Pvt. Ltd.) on 2nd November, 2022. 235 students attended the session.





#### Motivational Session by Successful Entrepreneur

Dronacharya Group of Institutions, Greater Noida organized a "Motivational Session by Entrepreneur" on 3rd November, 2022 to encourage students towards entrepreneurship. 250 students along with 5 faculty members attended the session. Dr. Anil Sethi (Motivator and Life Coach) motivated students.





## 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" for B. Tech & MBA students. The speaker of the session was Mr. Ramveer Tanwar (Pond Man of India & Tedx Speaker) on 4th November, 2022. 180 students attended the session.

The main motive of the session was to fuel the imaginative strings of the budding tech graduates. This certainly means that the students should be motivated or inspired to fly high and to achieve great things.



#### National Education Day Introduction to the Future - Web 3.0 & Metaverse

Dronacharya Group of Institutions, Greater Noida in collaboration with Trace Network Labs, organized a workshop on "Introduction to the Future-Web 3.0 & METAVERSE" and working towards bringing awareness in this new frontier of the internet on 11th November 2022. Mr. Mayank Singhal - AVP Business Development, at Trace Network Labs, was invited as the speaker for the workshop. 50 students from CSE/CSIT Department attended the session. Ms. Bhanu (Assistant Professor, CSE Department) was the coordinator of the workshop.





### Visit to 17th FICCI Higher Education Summit 2022

Dronacharya Group of Institutions, Greater Noida organized a visit to the 17th FICCI Higher Education Summit 2022, held at Vigyan Bhawan, New Delhi from 17th - 19th November 2022. 75 B.Tech students from 3rd year along with Mr. Rajat Kumar (Assistant Professor) attended the summit.

The main aim of the summit was to make participants aware of the benefits of pursuing higher studies in India.

Theme for the Summit is "Global Destination for Higher Education: Advantage India".



## Entrepreneurship Awareness Camp

Dronacharya Group of Institutions, Greater Noida in association with Innovation Entrepreneurship Development Cell (IEDC), DGI organized "Entrepreneurship Awareness Camp" from 21st - 23rd November, 2022.





### 22nd CII India Design Summit, 2022

Dronacharya Group of Institutions, Greater Noida streamed an online session on "22nd CII India Design Summit, 2022." for its students on 30th November 2022. The session was organized by Confederation of India Industry (CII). 2nd & 3rd year B. Tech students of the college attended the session. The theme of the session was "Design for Transformation."





#### **Drone Hackathon 2022**

Dronacharya Group of Institutions, Greater Noida organized a Drone Hackathon 2022 on 30th November 2022.

Drone Hackathon: A technical event for B.Tech 1st year and 2nd Year Students. There were 6 Tracks in the hackathon.



## Visit to "India Mobile Congress (IMC)"

Dronacharya Group of Institutions, Greater Noida organized an educational trip to "India Mobile Congress" at Pragati Maidan, New Delhi on 1st October, 2022, 80 students of 2nd and 3rd year from ECE/EEE/ECZ/CSE/CSIT/IT along with 3 the faculty members Prof. Sanghmitra V. Arora, Dr. Hari Mohan Rai, and Prof. Abhishek Gupta visited 5G technology exhibition



Jio TRU



## Celebration of "Dron's Dandiya Utsav"

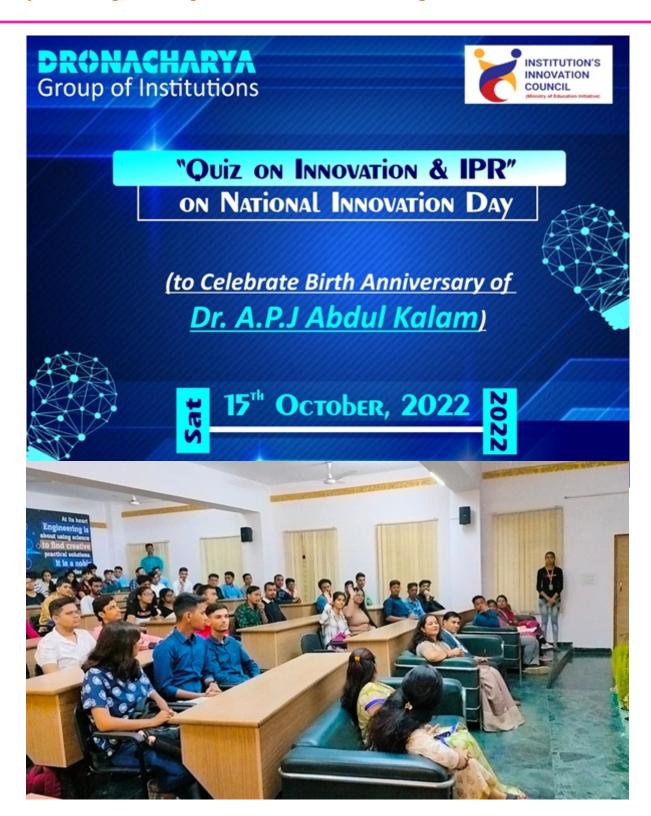
To celebrate the auspicious festival of Navratri and to bring bundles of happiness in the hearts of "Dronacharyans", Club Campus Roots, Dronacharya Group of Institutions, Greater Noida organized "Dron's Dandiya Utsav" on 1st October 2022.



# National Innovation Day Quiz on Innovation and IPR

To celebrate National Innovation Day (Birth Anniversary of Dr. APJ Abdul Kalam) Dronacharya Group of Institutions, Greater Noida organized "Quiz on Innovation & IPR" on 15th October 2022. Students of 2nd and 3rd year participated in quiz.

The objective to organize the quiz was to evaluate the knowledge of student in innovation and IPR.



#### "Intra Institutional Idea Competition: Manage Through YUKTI - NIR"

Dronacharya Group of Institutions, Greater Noida organized an "Intra Institutional Idea Competition: Manage Through YUKTI – NIR" from 27th - 29th October, 2022. 88 students from 2nd and 3rd year of B. Tech participated in the competition. The guidelines of the competition were circulated beforehand to the students. Those willing to participate were asked to complete the registration process. They were required to participate in a team consisting of maximum 4 students.

The objectives of the competition were to make students think beyond the curriculum, to provide an opportunity for expression of creative thoughts and to instill research culture among students. Teams from CSE/CSIT/IT department presented their innovative ideas by way of impressive presentations on day 1.





## "Intra Institutional Idea Competition: Manage Through YUKTI - NIR"





#### My Success Story: Motivational Session by Successful Innovator

Dronacharya Group of Institutions, Greater Noida, organized My Success Story: Motivational Session by Successful Innovator on 31st October, 2022. The speaker of the session was Mr. Jitendra Pareek (Founder, Eco Vision Pvt. Ltd.). 42 students witnessed the journey of Mr. Jitendra Pareek.







#### **Inauguration of Honeywell Centre Of Excellence For Women Empowerment**

Dronacharya Group of Institutions, Greater Noida has established Centre of Excellence (CoE) under the "Women Empowerment Program" a CSR initiative, sponsored by Honeywell which is implemented by ICT Academy, Government of India. The inauguration ceremony was held on 1st December, 2022 by Mr. Raghava Srinivasan Balakrishnan (Associate Vice President, ICT Academy). 15 faculty members and 60 students attended the inaugural function.



## Session on Energy Conservation

NSS Wing Dronacharya Group of Institutions, Greater Noida organized a session on "National Energy Conservation Day" on 14th December, 2022. It was attended by 120 students.





# Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialisation of Lab Technologies & Tech-Transfer

Dronacharya Group of Institutions, Greater Noida organized an expert talk on "Process of Innovation Development, Technology Readiness Level (TRL); Commercialisation of Lab Technologies & Tech-Transfer" on 19th December 2022. Ms. Osheen Chauvhan (Founder & CEO, InfiSpark) was the expert speaker of the session. 3rd and 4th year students attended the session. The session focuses on importance of innovation and commercialization and make students understand the need and importance of technology readiness.





#### **MICROSOFT IMAGINE CAMP**

CSI Student Chapter, Dronacharya Group of Institutions, Greater Noida in association with InfiSpark Services Pvt Ltd conducted a "Microsoft Imagine Camp" on 19th December 2022. 132 students of CSE, CSIT, IT, ECE streams and 4 faculty members participated in the workshop. Three experts one from Microsoft Education and other two others from infiSpark conducted the Imagine Camp: Ms. Nivedita Sharma (Solution Specialist at Microsoft Education), Ms. Osheen Chauvhan (Founder & CEO, InfiSpark), and Ms. Chelana Jain (Program Manager at InfiSpark). The camp aimed at making students aware of imagine cup and bringing together student developers worldwide to help resolve some of the world's toughest challenges.





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### Session on Operating System (Preparing Students For ISRO recruitment)

Dronacharya Group of Institutions, Greater Noida under the banner preparing students for ISRO Recruitment organized session on Operating System on 1st July 2021. Prof. Naveen Rathi guided the students on the topic.

The objective of the session was to prepare the students for the ISRO Recruitment.

The Indian Space Research Organization (ISRO) is the space agency of the Government of India and is the one of the prestigious organizations for the engineers to work in. Every year ISRO conducts the recruitment drive for the post of scientists.



### Session on DBMS (Preparing Students For ISRO Recruitment)

Dronacharya Group of Institutions, Greater Noida under the banner preparing students for ISRO Recruitment organized session on Digital Logic on 5th July 2021. Prof. Naveen Rathi was the mentor of the session.

The objective of the session was to guide student's tricks and techniques to prepare for the ISRO recruitment.



# Session on Computer Network Under The Banner Preparing Students For ISRO Recruitment

Dronacharya Group of Institutions, Greater Noida under the banner preparing students for ISRO Recruitment organized session on Computer Network on 3rd July 2021. Prof. Hansraj Yadav mentored the students on the topic for recruitment process. The objective of the session was to guide students for preparation of ISRO recruitment.



### **Online Skill Training Program**

Students from Dronacharya Group of Institutions, Greater Noida participated in "Online Skill Training Program" organized by University Industry Interface Cell, AKTU University, Lucknow from 1st - 8th September 2021





"Online Skill Training Program"

for

### **Graduate & Post Graduate Students**

Online Training Program Duration:
4 hours daily till 6 days from 01 Sep to 08 Sep, 2021 (except Sunday) should focus on:

- Interview Skills
- Corporate Readiness
- Communication skills (Verbal & Written)
- Mock Interview & Group Discussions
- SWOT Analysis

#### Timings:

- 10:00 AM to 12:00 PM (Sessions-I)
- 12:00 PM to 12:30 PM (Break)
  - 12:30 PM to 2:30 PM (Sessions-II)

ERP Link: erp.aktu.ac.in

### Motivational Session by Entrepreneur / Start-Up Founder

Dronacharya Group of Institutions, Greater Noida organized a "Motivational Session by Entrepreneur / Start-Up Founder" on 25th September, 2021 to encourage students towards entrepreneurship. 150 students along with 3 faculty members took part in the workshop. Mr. Ankit Pradhan (Founder of Keasis Technology Pvt. Ltd.) exemplify his story of success.



### DronaTronix - 2021 Celebration of Engineers' Day

On the occasion of Engineers' Day, CSI Student Chapter and Institution's Innovation Council (MoE), Dronacharya Group of Institutions organized "DronaTronix-2021" to celebrate the life of Bharat Ratna, Sir Mokshagundam Vishweshvaraya on 15th September 2021. The event was attended by students and faculty members of all the departments.





## **DronaTronix - 2021 Celebration of Engineers' Day**





### Workshop on Entrepreneurship and Innovation as Career Opportunity

Dronacharya Group of Institutions, Greater Noida organized a workshop on "Entrepreneurship and Innovation as Career Opportunity" on 30th October, 2021 to impel and invigorate students to engender and guzzle the spirit of entrepreneurship in their routine pursuit. 200 students attended the workshop, where Mr. Shakti Priya Saurav (Founder of Kragsol) demonstrated the process of Entrepreneurship statistics of India and life cycle of Entrepreneurship.

The Program was targeted to provide opportunities to undergraduate students, to expand their dexterities in various significant facets involved in building Career Opportunities in Entrepreneurship and Innovation.



### **Project & Poster Competition, Innovision-2021**

Project & Poster Competition, Innovision-2021 was organized by CSI Student Chapter at Dronacharya Group of Institutions, Greater Noida on 15th October, 2021.

The objective of the competition was to incubate creativity in students and to encourage students to take initiative in creativity and innovation and give them a platform to showcase their efforts and prowess towards the latest technological developments.









### Online Session on Emerging Trends of AI and ML

CSI Student Chapter, Dronacharya Group of Institutions, Greater Noida conducted an online session on "Emerging Trends of AI and ML" on 20th October, 2021 for CSE, IT, AIML, CSIT Department students. 225 students attended the session. Prof. (Dr.) YVK Ravi Kumar (BITS Pilani) was the speaker of the workshop.



#### Guest Lecture on Tips and Tricks to Prepare for Campus Placement

Dronacharya Group of Institutions, Greater Noida organized a guest lecture on "Tips and Tricks to Prepare for Campus Placement" on 13th November 2021 for V & VII semester students .

Mr. Pankaj Mahendiratta, presently working with CRISIL Mumbai as a Senior Equity Research Analyst interacted online with the students



### **Motivational Session By Successful Innovator**

Dronacharya Group of Institutions, Greater Noida organized a "Motivational Session by Successful Innovator" on 27th November, 2021 to make student aware about IPR. 80 students and faculty attended session



#### Guest Lecture on How to Plan and Prepare for campus placement

Dronacharya Group of Institutions, Greater Noida conducted a "Guest Lecture on How to Plan and Prepare for Campus Placement" on 20th November, 2021. 156 students of final attended the lecture. Mr. Sandeep Kumar (Windows Administrator, Cappemini India Pvt. Ltd. in cloud infrastructure services) was the speaker of the session.



### National Education Day Celebration

On the occasion of National Education Day, Dronacharya Group of Institutions, Greater Noida conducted an online session on "Foundation Leads to Opportunity" on 11th November, 2021. HOD's, faculty members and 280 students attended the workshop. Mr. Joseph Fitch (Google ML Expert, USA) was the speaker of the workshop.





### **Session on Energy Conservation**

NSS Wing Dronacharya Group of Institutions, Greater Noida organized a session on "National Energy Conservation Day" on 14th December, 2021. It was attended by 80 students.



