

DRONACHARYA
Group of Institutions

CSE EDITION

NEWSLETTER



July - Dec 2022

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.**

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 July 2022. 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.



SPOC Felicitation Cum Awareness Workshop of NPTEL

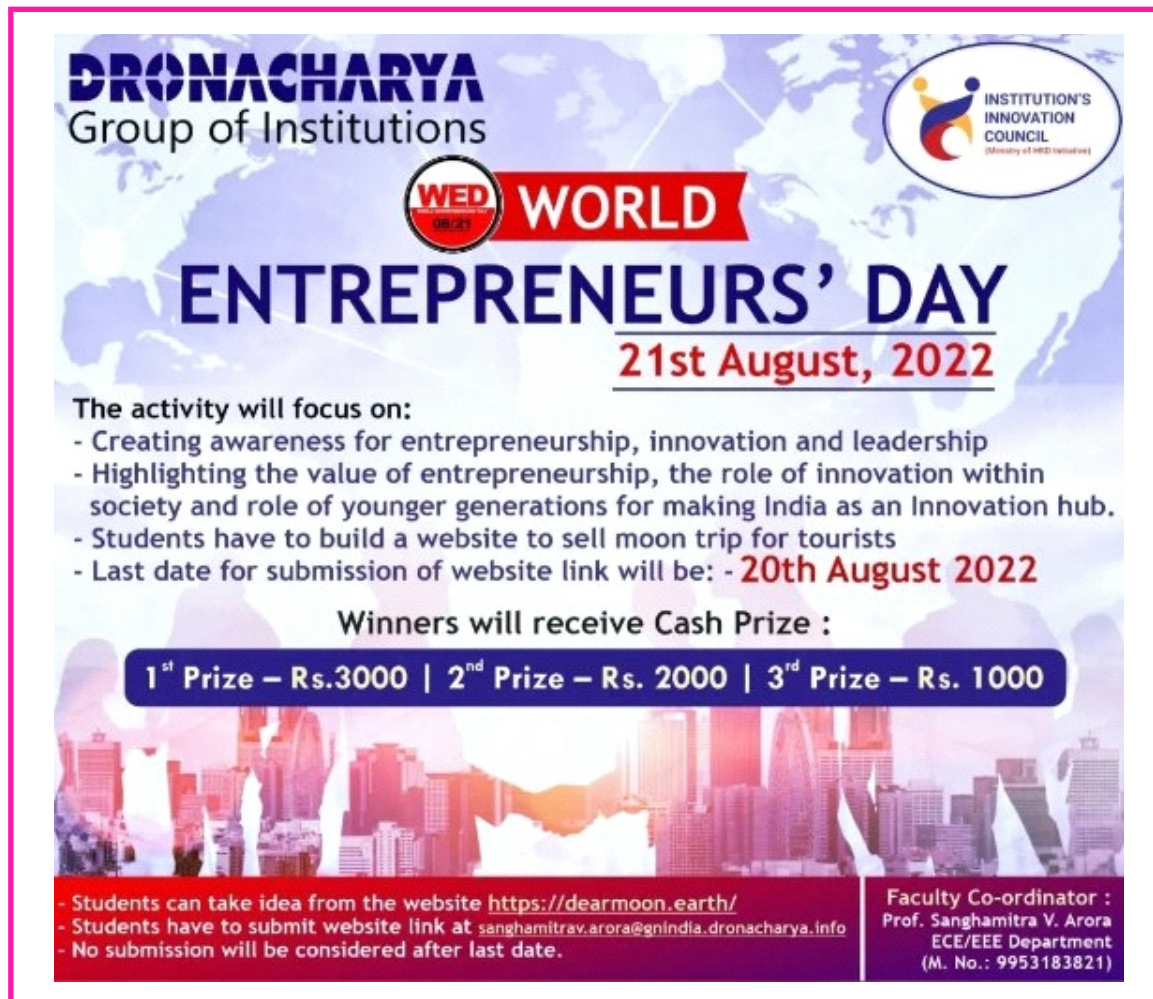
A one day SPOC Felicitation Cum Awareness Workshop of NPTEL was conducted at IIT Kanpur, Outreach Centre, at NOIDA on 16th July 2022 for the existing Local chapters SPOC's and for newly created local chapters SPOC's.

Mr. Rajat Kumar (SPOC, NPTEL Local Chapter, Dronacharya Group of Institutions, Greater Noida) attended the workshop on behalf of Dronacharya Group of Institutions, Greater Noida.



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.



The poster features a world map background. At the top left is the Dronacharya Group of Institutions logo. At the top right is the Institution's Innovation Council logo. In the center, there is a 'WED' logo with '08.21' below it, followed by 'WORLD' in a red banner. Below this, 'ENTREPRENEURS' DAY' is written in large blue letters, with '21st August, 2022' in red below it. A list of activity focus points is provided, followed by prize details for winners. At the bottom, there are instructions for students and the faculty coordinator's contact information.

DRONACHARYA
Group of Institutions

INSTITUTION'S
INNOVATION
COUNCIL
(Mandatory of IIED Institutes)

WED
08.21

WORLD

ENTREPRENEURS' DAY
21st August, 2022

The activity will focus on:

- Creating awareness for entrepreneurship, innovation and leadership
- Highlighting the value of entrepreneurship, the role of innovation within society and role of younger generations for making India as an Innovation hub.
- Students have to build a website to sell moon trip for tourists
- Last date for submission of website link will be: - **20th August 2022**

Winners will receive Cash Prize :

1st Prize – Rs.3000 | 2nd Prize – Rs. 2000 | 3rd Prize – Rs. 1000

- Students can take idea from the website <https://dearmoon.earth/>
- Students have to submit website link at sanghamitrav.arora@gnindia.dronacharya.info
- No submission will be considered after last date.

Faculty Co-ordinator :
Prof. Sanghamitra V. Arora
ECE/EEE Department
(M. No.: 9953183821)

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.

The poster features a dark blue background with light blue geometric patterns. At the top left is the 'DRONACHARYA Group of Institutions' logo. At the top right is the 'Cloud Analogy' logo with the tagline 'A Cloud Computing Solution Company'. The central text reads 'GUEST LECTURE ON "NEW TECHNOLOGIES & CURRENT MARKET DEMAND"'. Below this, the date 'TUE 23rd AUGUST, 2022' is displayed. Three speakers are featured with their photos and titles: Ajay Dubedi (Founder & CEO, Cloud Analogy), Divya Dang (Global HR Head, Cloud Analogy), and Harsh Vardhan Mishra (Tech Training Senior Specialist, Cloud Analogy).

DRONACHARYA
Group of Institutions

Cloud Analogy
A Cloud Computing Solution Company

GUEST LECTURE ON
"NEW TECHNOLOGIES & CURRENT MARKET DEMAND"

TUE 23rd AUGUST, 2022

Ajay Dubedi
(Founder & CEO,
Cloud Analogy)

Divya Dang
(Global HR Head,
Cloud Analogy)

Harsh Vardhan Mishra
(Tech Training Senior Specialist,
Cloud Analogy)

Smart India Hackathon 2022

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

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: Ray of Identity

Team Details:

Team Member 1: Yashika Goyal (CSE 2nd Year)
Team Member 2: Sakshi Verma (CSE 2nd Year)
Team Member 3: Mohd. Aftab (CSE 2nd Year)
Team Member 4: Radhika Sharma (CSE 2nd Year)
Team Member 5: Chirag Gupta (IT)
Team Member 6: Vikrant Kumar Tanwar (AIML)

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: The Spartans1

Smart India Hackathon 2022



Team name: Ray of Identity

GAMESENA - Game Tournament

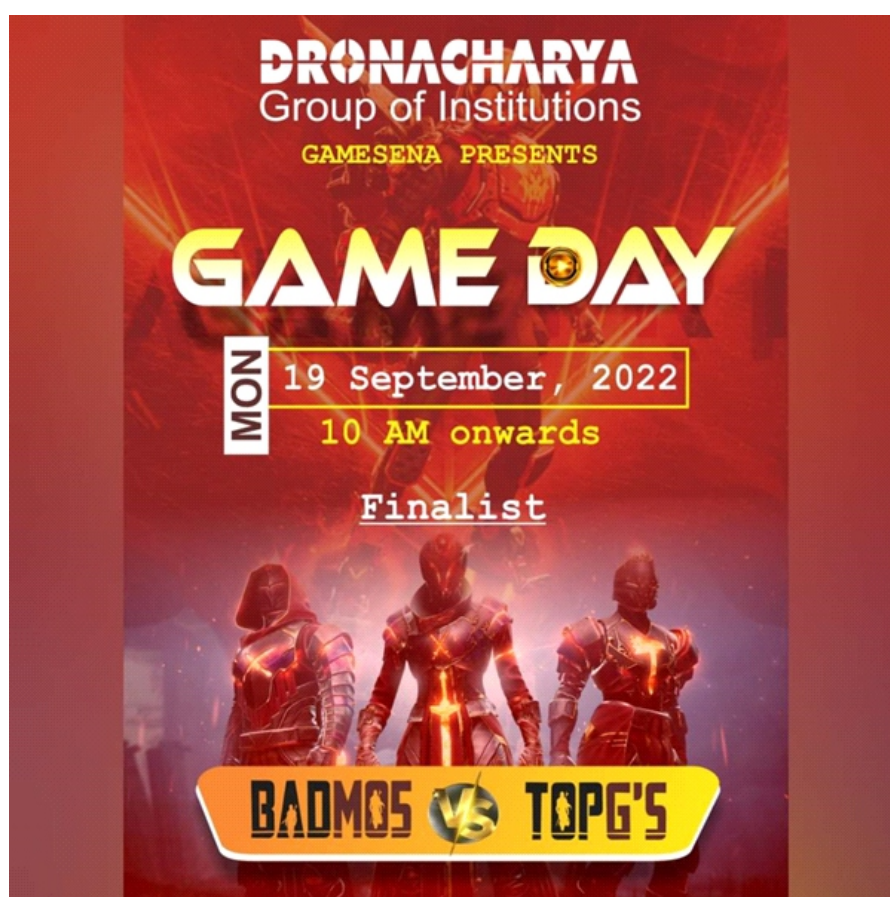
Dronacharya Group of Institutions, Greater Noida in collaboration with 9.9 Group, organized an Online Gaming Tournament on 19th September 2022. 96 students participated for Gaming Challenge out of which 18 students qualified for the Grand Finale.

The winners of the event were as follows-

TEAM	Branch	Position Prize
BADMO5	CSE	First 5500/-
TOPG'S	CSE	Second 3000/-
MISFITS	CSE	Third 1500/-

The Members of the Winning team were as follows-

Name	Branch	Year
Himanshu Malwal	CSE	4th Year
Puru Kumar	CSE	4th Year
Nishant Sharma	CSE	4th Year
Chirag	CSE	4th Year
Jay Bardhan Tiwari	CSE	4th Year



GAMESENA - Game Tournament



NSS Adventure Camp at Kangra, Himachal Pradesh

Two NSS volunteers Drishti Sharma (3rd Year, CSE) and Gaurav Dubey (3rd Year, CSE) of Dronacharya Group of Institutions, Greater Noida attended an “NSS Adventure Camp” held at Kangra, Himachal Pradesh from 14th - 24th September, 2022. The camp was held at water sports center which was situated at the edge of Beas River. A man-made reservoir was constructed at river Beas known as Pong Dam.



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.



The poster features a dark blue background with a central illustration of an engineer in a yellow hard hat and green overalls, surrounded by gears and tools. Below this, three diverse professionals (a man in a yellow hard hat, a woman in a white hard hat, and a man in a blue hard hat) are shown holding documents. The text is in white and yellow, with a prominent 'REGISTER' button. Logos for 'DRONACHARYA Group of Institutions' and 'INSTITUTIONS INNOVATION COUNCIL' are visible in the top corners.

DRONACHARYA
Group of Institutions

INSTITUTIONS INNOVATION COUNCIL

NATIONAL ENGINEERS DAY!
September 15th

REGISTER

Engineers Day Events

- Master Mind (quiz competition on Technologies)
- Mighty Programmers (Coding Competition)
- Knowledge blow (Presentation competition)
- Get Seeded (Business plan and cost analysis Competition)

Registrations will be done through Google Form

Event Coordinator : Prof. Swati Tyagi (9873150906)

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.



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INSTITUTION'S INNOVATION COUNCIL
Member of Education Institutions

Session on
“ Entrepreneurship and Innovation as Career Opportunity”
For B.Tech & MBA Students

Mr. Sushil Kumar Aggarwal
(CHAIRMAN AND WHOLE TIME DIRECTOR)
AVRO INDIA LIMITED
(FORMELY KNOWN AS AVON MOLDPLAST LTD.)

1ST November, 2022

The poster features a portrait of Mr. Sushil Kumar Aggarwal on the left. The background is red with a white banner for the session title. A calendar icon with a plus sign is on the right. The Dronacharya Group of Institutions and Institution's Innovation Council logos are at the top.



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



DRONACHARYA
Group of Institutions

Session on
Becoming A World Class Innovator
Growth Through Innovation
For B.Tech & MBA Students

2nd November, 2022

Dr. Rajeev Kumar Mehajan
Scientist “C” & Advisor
(A statutory Body of GOI, Under Parliament Act, 2008)
Ministry of Science & Technology

gnindia.dronacharya.info

INSTITUTION'S INNOVATION COUNCIL
Ministry of Education, India

The poster features a purple background with a starry pattern. It includes the Dronacharya Group of Institutions logo, the Institution's Innovation Council logo, a calendar icon with a plus sign, and a circular portrait of Dr. Rajeev Kumar Mehajan.



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.

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INSTITUTION'S
INNOVATION
COUNCIL

**Session on
Process of Innovation
Development**

For B.Tech & MBA Students

2nd November, 2022

Mr. Randhir Batsa
General Manager
Admin & Sustainability Head at
NEOKRAFT Global Pvt. Ltd.

gnindia.dronacharya.info



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.



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INSTITUTION'S
INNOVATION
COUNCIL

**Motivational Session by
Successful Entrepreneur**

For B.Tech & MBA Students

3rd November, 2022

Dr. Anil Sethi
(Motivator and Life Coach)

gnindia.dronacharya.info

The poster features a dark blue background with a grid pattern. On the right, there is a portrait of Dr. Anil Sethi, a man with a mustache wearing a white shirt, a dark vest, and a striped tie. The text is primarily in yellow and white. A calendar icon with a plus sign is positioned above the date. The Dronacharya Group of Institutions logo is in the top left, and the Institution's Innovation Council logo is in the top right.



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.”



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INSTITUTION'S
INNOVATION
COUNCIL
Affiliated to AICTE, India

Session on
“Design for Transformation”

22nd CII India
Design Summit

30th Nov. to 1st Dec, 2022

Topics to be covered :

1. Design Leadership
2. Role of Design Policy
3. Design for a Sustainable Future
4. One District One Product
5. Design in India' for Defence and Aerospace



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.



A TECHNICAL EVENT FOR B.TECH 1ST YEAR AND 2ND YEAR STUDENTS

Track 1	SOFTWARE BASED PROJECTS Faculty Incharge : Prof. Bipin Pandey Prof. Manoj Yadav Dr. Shobhit Tyagi Prof. Saumya Jaiswal	Track 2	HARDWARE BASED PROJECTS Faculty Incharge : Dr. Bishub Choudhury Prof. Pranay Bhadauria	Track 3	AUTOMATION Faculty Incharge : Dr. Kamaldeep Prof. Krati
Track 4	ROBOTICS Faculty Incharge : Dr. Hari Mohan Rai	Track 5	ENVIRONMENTAL SUSTAINABILITY Faculty Incharge : Dr. Mamta Bhardwaj Dr. Jasmeen Kaur	Track 6	SCIENCE BASED PROJECTS Faculty Incharge : Dr. Shailesh Singh Dr. Neha Gupta Prof. Anhita Sharma



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



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.



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**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

**"QUIZ ON INNOVATION & IPR"
ON NATIONAL INNOVATION DAY**

*(to Celebrate Birth Anniversary of
Dr. A.P.J Abdul Kalam)*

Sat 15th OCTOBER, 2022

The banner features a dark blue background with a network of white dots and lines. It includes the logos of Dronacharya Group of Institutions and the Institution's Innovation Council. The text is presented in various fonts and colors, including white, yellow, and red.



"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.



YUKTI 2.0
Innovation Repository

DRONACHARYA
Group of Institutions

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiatives)

YUKTI-NIR
Reward Best Ideas

Intra Institutional Idea Competition

27-29 Oct 2022



"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.



DRONACHARYA
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INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

Expert talk on

▶▶ **Process of Innovation Development, Technology Readiness Level (TRL); Commercialisation of Lab Technologies & Tech-Transfer**

MON 19th December 2022 **2022**
TIME : 12 o'clock



Ms. Osheen Chauvhan
(Founder & CEO, InfiSpark)

gnindia.dronacharya.info



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.

