

DRONACHARYA
College of Engineering

CSIT EDITION

NEWSLETTER



Jan - June 2022

Vision

Preparing technologists with in-depth insights into information technology, and embedding ethics via focused technical training

Mission

M1: Empower technologists to excel in information technology through rigorous training and hands-on experience.

M2: Foster a culture of integrity and responsibility by instilling ethical principles in every aspect of technical education.

M3: Encourage technologists with new ideas and good leadership in the tech world, training to possess strong values.

PEOs (Program Educational Objectives)

- 1. Demonstrate technical competence with analytical & critical thinking to understand & meet the requirements of Industry, academia & research.**
- 2. Exhibit leadership, team skills and entrepreneurship skills to provide solutions to real world problems.**
- 3. Work in multi-disciplinary industries with social and environmental responsibility, work ethics and adaptability to address engineering and social problems.**

PSOs (Program Specific Outcome)

- 1. Have proficiency in programming skills to design, develop and apply appropriate techniques, for solving engineering problems.**
- 2. Have knowledge to build, automate and manage business solutions using advanced technologies.**
- 3. Have pleasure towards research in applied computer technologies.**

Resume Building Workshop

GFG Student Chapter, Dronacharya College of Engineering, Gurugram & Campus Mantri in collaboration with GeeksforGeeks organized a workshop on topic “Resume Building” on 10th January 2022. Kirti Gera (NIT Jamshedpur) was the course mentor.



DRONACHARYA 

RESUME BUILDING WORKSHOP

Organized by GFG Student Chapter & Campus Mantri in collaboration with GeeksforGeeks

Date :	Time :	Platform :
10 th Jan, 2022	5:00 -7:00 P.M	Microsoft Teams

Registration Link :

<https://docs.google.com/forms/d/e/1FAIpQLSc0GzvhmCidmFTevt1LLK4lfj-48xeOX9E71Ds11zSPwtvkSA/viewform>


Kirti Gera
Course Mentor at geeksforgeeks
NIT, Jamshedpur

www.dronacharya.info

DSA Workshop

GFG Student Chapter, Dronacharya College of Engineering, Gurugram organized a workshop on “ DSA (Data Structure and Algorithm)” from 28th -30th January 2022.



DRONACHARYA College of Engineering 

GFG Student Chapter DCE & Dronacharya College of Engineering present

DSA WEEKEND

Jan 28 - Jan 30

DSA Workshop
January 28, 2022
Microsoft Teams

DSA Quiz
January 29, 2022
Dare2Compete

Coding Contest
January 30, 2022
Dare2Compete

CERTIFICATE & PRIZES WORTH 2500/-

Faculty Coordinator
Dr. Ashima Mehta (HOD CSE)

Student Coordinator
GFG Student Chapter DCE



For more information, Contact Us :
https://linktr.ee/Gfg_dce

DSA Quiz Winners

GFG Student Chapter, Dronacharya College of Engineering, Gurugram organized a workshop on “DSA (Data Structure and Algorithm)” from 28th -30th January 2022. Devanshi Mishra (CSIT) was the Runner in DSA Week Quiz.



INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

DRONACHARYA
College of Engineering

GeeksforGeeks
A community of learners and teachers

CONGRATULATIONS!
Winners of DSA Week

DSA WEEK QUIZ

HARSHIT RAIZADA
Roll No. : 23213 CSE (AI & ML)
2nd Year Student
2nd Runner-up

PRABAL PANDEY
Roll No. : 22110 (CSE)
3rd Year Student
Winner

DEVANSHI MISHRA
Roll No. : 22653 (CSIT)
3rd Year Student
Runner-up

Toppers In University Examination

2 students from V Semester (CSIT), Dronacharya College of Engineering, Gurugram scored 80 percentage marks in University Examination.

DRONACHARYA
College of Engineering

Batch: (2019-2023)

Congratulations!
V Sem (IT/CSIT) Students

Having above 9 SGPA In University Exam

Abhishek Pandey 22371(IT) SGPA : 9.37	Bhavesh Arora 22647(CSIT) SGPA : 9.3	Prerna Mishra 22672(CSIT) SGPA : 9.11	Sarthak Aggarwal 21375(IT) SGPA : 9.09	Bharat Sharma 22377(IT) SGPA : 9.09

Toppers In University Examination

4 students from VII Semester (CSIT), Dronacharya College of Engineering, Gurugram scored 80 percentage marks in University Examination.

DRONACHARYA
College of Engineering

Batch: (2018-2022)

Congratulations!
VII Sem(IT/CSIT) Students

Having above 9 SGPA In University Exam

Rohit Gupta 21700(CSIT) SGPA : 9.63	Ankit Jangir 21363(IT) SGPA : 9.25	Gyandeep 21375(IT) SGPA : 9.06	Satyam Mishra 21705(CSIT) SGPA : 9.06	Aditya Pratap 21663(CSIT) SGPA : 9.00	Bhavya Pratap 21572(CSIT) SGPA : 9.00

Placement Preparation Session on Data Science

Dronacharya College of Engineering, Gurugram organized a placement preparation session on “Data Science” from 31st January - 4th February 2022 for V semester students. Prof. Ashwani (faculty members, CSE Department) took the session.

The objective of the session was to guide students some of the important placement related topics in Data Science.



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PLACEMENT PREPARATION SESSION ON
▶▶ **Data Science**
(For V Semester Students)
31st Jan to 4th Feb, 2022
TIME - 1:00 PM - 3:00 PM

Topics to be covered :
1) Introduction to data science
2) Numpy(2D Matrix)
3) Data Manipulation using panda
4) Visualization
5) Ploting
6) ML with Scikit(Pytorch)



Prof. Ashwani
CSE Department

ggindia.dronacharya.info

Placement Preparation Session on SQL

Dronacharya College of Engineering, Gurugram organized a placement preparation session on “SQL” from 31st January - 4th February 2022 for V semester students. Prof. Bhumika (faculty members, CSE Department) took the session.

The objective of the session was to guide students some of the important placement related topics in SQL.



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PLACEMENT PREPARATION SESSION ON
▶▶ **SQL** ▶▶
(For V Semester Students)
31st Jan to 4th Feb, 2022
TIME - 10:00 AM - 12:00 PM



Prof. Bhumika
CSE Department

Topics to be covered :
1) Introduction to SQL
2) Normalisation
3) Nested Queries
4) Joins
5) DDL and DML
6) Schema Design

ggindia.dronacharya.info

Placement Preparation Session on Dynamic Programming

Dronacharya College of Engineering, Gurugram organized a placement preparation session on “Dynamic Programming ” from 7th - 11th February 2022 for V semester students. Prof. Yashvardhan Soni (faculty members, CSE Department) took the session. The objective of the session was to guide students some of the important placement related topics in Dynamic Programming.



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PLACEMENT PREPARATION SESSION ON

►► **Dynamic Programming**
(For V Semester Students)
7th Feb to 11th Feb, 2022
TIME - 1:00 PM - 3:00 PM

Topics to be covered :

- 1) Recurrence Relation and Writing recursive Solution
 - * Fibonacci Series
 - * Friend Pairing Problem
 - * Climbing Staircase Problem
 - * Tower of Hanoi
- 2) Bounded and Unbounded Knapsack
- 3) Longest Common Subsequence
- 4) Matrix Chain Multiplication
- 5) DP on Trees

Prof. Yashvardhan Soni
CSE Department

Placement Preparation Session on Quantitative Aptitude

Dronacharya College of Engineering, Gurugram organized a placement preparation session on “Quantitative Aptitude” from 7th - 11th February 2022 for V semester students. Prof. Yashvardhan Soni (faculty members, CSE Department) took the session. The objective of the session was to guide students some of the important placement related topics in Quantitative Aptitude.



DRONACHARYA
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PLACEMENT PREPARATION SESSION ON

►► **Quantitative Aptitude**
(For V Semester Students)
7th Feb to 11th Feb, 2022
TIME - 10:00 AM - 12:00 PM

Topics to be covered :

- 1) Number System
 - * Trailing Zeroes
 - * Unit Digit, last two and three digit
 - * Remainder Theorem
- 2) AP/GP/HP, Maxima and Minima
- 3) Averages
- 4) Speed Time and Distance
- 5) Time and Work

Prof. Yashvardhan Soni
CSE Department

Internal Hackathon-Smart India Hackathon 2022

Dronacharya College of Engineering, Gurugram organized Internal Hackathon for Smart India Hackathon 2022 on 12th March 2022. 29 Teams participated in the Hackathon.

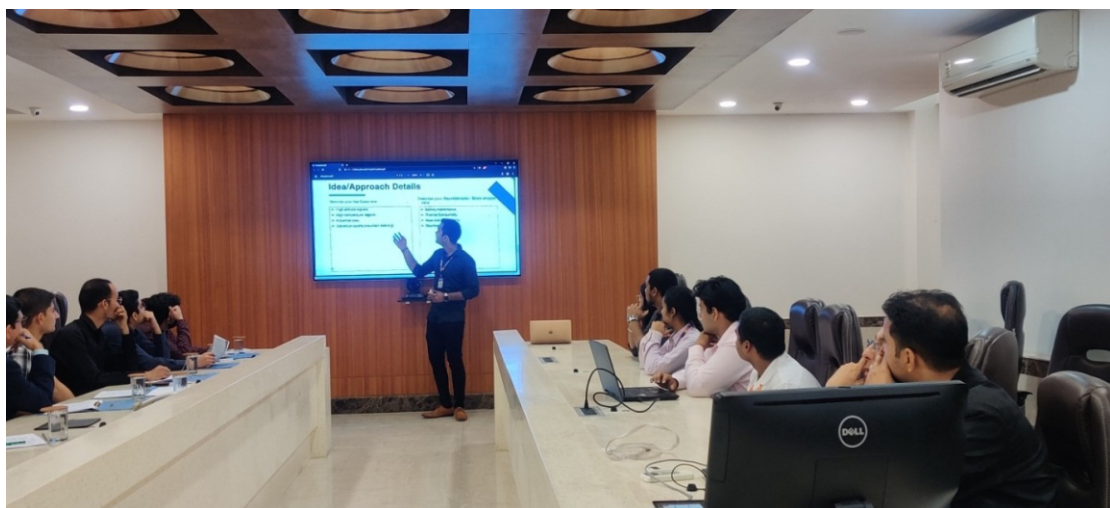
5 eminent jury members namely Mr. Samunder Singh (Project Manager, Stryker Ltd.), Mr. Prashant Vashist (Senior System Analyst Tesco Bengaluru), Mr. Pranay Vashist (Senior Consultant EY Pvt. Ltd.), Mr. Sachin Vats (Hardware Design, Nippon Seiki) and Mr. Divyansh Chauhan (Senior United Health Group) mentored and evaluated the ideas and prototypes presented by the participating teams.

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College of Engineering
Internal Hackathon
SMART INDIA HACKATHON 2022

JURY PANEL

- Mr. Samunder Singh**
Stryker Ltd.
Project Manager, Service Delivery Manager
- Mr. Prashant Vashist**
Tesco Bengaluru,
Senior System Analyst
- Mr. Pranay Vashist**
EY Pvt. Ltd.
Senior Consultant | RSA Archer
Contract | 100-2000 L.A. (IN.USA)
- Mr. Sachin Vats**
Nippon Seiki
Hardware Design
- Mr. Divyansh Chauhan**
United Health Group
Senior Software Engineer

Date **12TH** | **SATURDAY MARCH 2022**



World Health Day

To increase awareness about health and healthy lifestyle among students, Dronacharya College of Engineering, Gurgaon conducted a poster making competition on World Health Day and the theme was “Healthy Lifestyle”.



World Creativity and Innovation Day

World Creativity and Innovation Day is celebrated on 21st April every year. To encourage the creativity and innovation of students, Dronacharya College of Engineering, Gurgaon has organised “Poster Making Competition” on World Creativity and Innovation Day.



National Technology Day

Dronacharya College of Engineering, Gurugram conducted a Technical Session in accordance with National Technology Day on 11th May to commemorate the anniversary of the 1998 Pokhran nuclear tests. The theme of the session was “Integrated Approach in Science and Technology for Sustainable Future”. The objective of the session was to create interest and awareness about science and technology to the students.

DRONACHARYA
College of Engineering

Technical Session On
NATIONAL TECHNOLOGY DAY - 2022

Date : 11th May, 2022

Shruti Sharma
Roll No : 22402 | IT

Piyush Garg
Roll No : 22109 | CSE

Anuj Tanwar
Roll No : 22031 | CSE

Divya
Roll No : 22654 | CSIT

Bhanu
Roll No : 22375 | IT

Ritik Verma
Roll No : 22141 | CSE

THEME :
Integrated Approach in Science & Technology for Sustainable Future

Dronathon- A Technical Event

Dronacharya College of Engineering, Gurgaon has organised a technical event “Drona-Thon” from 26th - 28th May, 2022.

The guests of honour for the inauguration ceremony on 26th May, 2022 of the technical event “Drona-Thon” was Dr. Rajeev Kumar Mehajan (Scientist “G” & Advisor, Science and Engineering Research Board, Ministry of Science and Technology) and Mr. Sandeep Jain (founder of GeeksforGeeks).

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DRONA THON
A TECHNICAL EVENT

EVENT DATE : 26TH - 28TH MAY 2022

EVENTS :

- PROJECT COMPETITION
- POSTER PRESENTATION/IDEATION
- PAPER PRESENTATION
- PPT PRESENTATION ON LATEST TECHNOLOGY
- TECHNICAL EXTEMPORE
- BEST OUT OF WASTE
- HACKATHON TECH PREKSHA
- TALENT SHOW
- GAMMING(MAVIRICKS)
- PHOTOGRAPHY COMPETITION
- RANGOLI (THEME TECHNICAL)
- TREASURE HUNT (CHASSE AU TRÉSOR)
- WORKSHOP: IOT AND EMBEDDED SYSTEM
- CREATION WORKSHOP
- BMC PROGRAM -START UP PROGRAM
- HACK-O-RELAY (GOOGLE DEVELOPER STUDENT CLUB) HACKATHON

ggnindia.dronacharya.info

DRONACHARYA
College of Engineering

DRONA-THON
A Technical Event
(26th - 28th May, 2022)

Inauguration Ceremony
on
DATE : 26th May, 2022
Session
TIME : 12:00 PM - 12:45 PM

Mr. Sandeep Jain
Founder at GeeksforGeeks

ggnindia.dronacharya.info

Technical Poster Presentation

Dronacharya College of Engineering, Gurugram organized “Dronathon 2022” from 26th - 28th May 2022. Under Dronathon, “Technical Poster Presentation” was conducted on 27th May 2022. The event was coordinated by Mrs. Pooja Sharma (EEE Department) along with Mr. Abhinav Panwar (ME Department) and Mrs. Pankaj Kumari (CSE Department) and Mrs. Megha Goyal (CSIT Department). Student Coordinators were Nitin Jakhar (EEE), Munikant Ranjan (ME), Rohit Gupta (CSIT) and Shubham Kumari (CSE).

The principal objective of event was to enhance student's knowledge with their creative streak and express their innovative ideas using the colours of imagination.



The poster features a dark purple background with a glowing blue sphere in the center containing the text 'TECHNICAL POSTER PRESENTATION'. To the left of the sphere is a yellow banner with 'DRONATHON'. To the right is a white box with 'SCHEDULE: 27th May 2022' and '1:00 PM - 3:00 PM'. At the bottom left, a white box contains 'Guidelines:' followed by five numbered points. Below that is 'Co-ordinators:' with names and contact numbers. At the bottom right, a white box contains 'VENUE: EGD Lab (3rd Floor)'. Logos for '75 Azadi Ka Amrit Mahotsav' and 'Institution's Innovation Council' are in the top corners.

75
Azadi Ka
Amrit Mahotsav

DRONACHARYA
College of Engineering

INSTITUTION'S INNOVATION COUNCIL

TECHNICAL POSTER PRESENTATION

DRONATHON

SCHEDULE:
27th May 2022
1:00 PM - 3:00 PM

Guidelines :

- 1) Team can have 1 or 2 members.
- 2) Each team will prepare and present a poster of their innovative idea/research/project.
- 3) Poster displays will be limited to one side of A4 sheet.
- 4) Minimum 2 pages and maximum 6 pages are allowed.
- 5) Be sure to include the title, author and co-author names (semester, branch & roll no) on first page. "Introduction/Background", "Methods", "diagram/Flowchart", "Results" and "Conclusions" must be included.

Co-ordinators :

Mrs. Pooja Sharma (EEE Department, 9818644355)
Mr. Abhinav Panwar (ME Department, 8743051722)

VENUE: EGD Lab (3rd Floor)

Project Competition

Dronacharya College of Engineering, Gurugram organized “Dronathon 2022” from 26th - 28th May 2022. Under Dronathon- 2022, “Project Competition” was conducted on 27th – 28th May, 2022. The event was coordinated by Dr. Ashima (HOD CSE) and Ms. Sakshi Ahuja (CSIT) along with the guidance of Mrs. Vimmi Malhotra (CSE), Mrs. Neha Verma (ECE), Ms. Renu (CSE) and Dr. Manoj (App.Sc).

The objective of the event was to enhance student's knowledge and talent, research orientation and unstopped potential and prepare future generation of engineers to be innovative leaders, responsible citizens and problem solvers.



The poster features a background image of a hand working on a circuit board with various electronic components like capacitors and resistors. At the top left is the '75 Azadi Ka Amrit Mahotsav' logo. At the top center is the 'DRONACHARYA College of Engineering' logo. At the top right is the 'INSTITUTION'S INNOVATION COUNCIL' logo. The main title 'Project Competition' is in large white font, with 'DRONATHON' in a yellow banner below it. Below that, it says 'A TECHNICAL EVENT'. The 'SCHEDULE:' section is in a yellow box, stating '27th & 28th May 2022' and '9:00 AM - 3:00 PM'. The 'RULES' section is on the left, and the 'Faculty Co-ordinators:' list is on the right.

75 Azadi Ka Amrit Mahotsav

DRONACHARYA
College of Engineering

INSTITUTION'S INNOVATION COUNCIL

Project Competition

DRONATHON

A TECHNICAL EVENT

SCHEDULE: 27th & 28th May 2022
9:00 AM - 3:00 PM

RULES

1. The contest is open for B.E/B.Tech students.
2. Team size should be 2-4 members.
3. Multi-Disciplinary and Inter-College teams are welcome.
4. Once registered, Team members cannot be replaced.
5. Students needs to have the working prototype, software or interface to participate.
6. Multiple entries by a team member is not allowed.

Faculty Co-ordinators:

Dr. Ashima Mehta (9803505262)
Prof. Ashwani Kumar (9646461887)
Dr. Manoj Kumar (8901283798)
Prof. Vimmi Malhotra (8588880350)
Prof. Neha Verma (9999590246)
Prof. Bhumiha Chugh (9958257828)

Best out of Waste

Dronacharya College of Engineering, Gurugram organized “Dronathon 2022” from 26th - 28th May 2022. Under Dronathon “Best out of Waste” event was conducted on 27th May 2022. The event was coordinated by Dr. Shipra Arora (CSE) along with Dr. Ashok Kumar (Applied Science) and Mr. Naveen (CSIT).

The main objective of the event was to create passion for environment in the youngsters.

75
Azadi Ka
Amrit Mahotsav

DRONACHARYA
College of Engineering

INSTITUTION'S
INNOVATION
COUNCIL
University of Education, Gurugram

BEST OUT OF WASTE

DRONATHON
A TECHNICAL EVENT

SCHEDULE: -
27th May 2022 | 9:00 AM - 3:00 PM

Guidelines :

1. Team shall comprise two participants only.
2. Participants will be given 2 hours to show their creativity and innovation and 2 minutes for presenting the same.
3. Participants have to bring waste material from home. Material items may be button, bangles, newspaper, tetra pack, plastic bottle, CDs, broken jewellery and toy parts etc
4. Other than waste material, glue, pins, lace, thread etc. can be used to enhance the beauty of your product.
5. Participants are not allowed to bring partially or fully made items. All the preparation must be completed within the allotted time and college campus.
6. Material would be rejected if not found to be a waste.
7. No mobile or internet would be allowed at the time of competition.
8. Decision of the organizer/ judges will be final and no communication in this regard will be entertained.

Faculty Co-ordinators: Dr. Shipra Arora(9911156590) Dr. Ashok Kumar(9891642184) MS. Anita Chaudhary(8800860412)

Students Qualified NCAT 2022

26 students from Dronacharya College of Engineering, Gurugram qualified National Creativity Aptitude Test 2022 examination.

Saumya Rawat(CSIT), secured tenth position, AIR 10 in Category 1 in NCAT exam 2022.

DRONACHARYA
College of Engineering

NCAT

Congratulations!
For Being Selected For

Top 15 Rank Holders

National Creativity Aptitude Test 2022

10 RANK **CATEGORY 1**

Saumya Rawat
Roll No : 24369 (CSIT)

Link : http://www.ncat.co.in/Result_NCAT_2022.aspx#&panel1-1

7	Yash Akhil Jugade	10788	118	Symbiosis Institute of Technology	Maharashtra
8	Anusha Anil Karwa	10524	114	MKSS's Cummins College of Engineering for Women	Maharashtra
9	Anurag Bhatia	10498	113	Chandigarh University	Punjab
10	Saumya Rawat	10756	117	Dronacharya College of Engineering	Haryana

Session on Out of the Box Thinking for Problem Solving

Institution's Innovation Council (IIC), Ministry of Education (MoE) has organized an online session in collaboration with IIT Madras on 28th June 2022. The students and faculty of Dronacharya College of Engineering, Gurugram attended the session online.

Ministry of Education
Government of India

MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)

INSTITUTION'S INNOVATION COUNCIL
(MINISTRY OF EDUCATION, GOVERNMENT OF INDIA)

SESSION ON

OUT OF THE BOX THINKING FOR PROBLEM SOLVING

TUESDAY
28th-JUNE 2022

TIME
2:00 PM - 3:00 PM

PROF. V KAMAKOTI
DIRECTOR, IIT MADRAS

JOIN US ON **/MHRDINNOVATIONCELL**

/MHRDINNOVATION @MHRD_INNOVATION @MHRDINNOVATIONCELL

Session on Out of the Box Thinking for Problem Solving

Institution's Innovation Council (IIC), Ministry of Education (MoE) has organized an online session in collaboration with IIT Madras on 28th June 2022. The students and faculty of Dronacharya College of Engineering, Gurugram attended the session online.

