{DRONATHON – 2024}

ROUND 1
Elimination Round
(MCQ will be conducted.)

ROUND 2
Hackerrank contest. debugging question in cpp, java, python.

ROUND 3
Hackerrank contest. Code will be given that gives specific outputs. Student has to write code that gives the corresponding input (reverse engineering).

Date:
April 05-06, 2024

Time:
10 AM

MAJOR EVENT

DEBUG DECRYPT

SCAN ME

Participation Rules :

- 3 rounds (1 MCQ elimination and 2 hacker rank contest).
- Contest questions will be in Java, C++, Python.
- Each contest will be 3 hours long.
- Each contest will have 8 questions.
- Participation can be individual or in a group of 2.
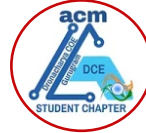- Laptop is compulsory.

Registration Link :

https://forms.gle/5njqKnfgaiocDoVb6

WIN PRIZES

1 INR 5,000

2 INR 3,000

Incharge : **Prof. Ashwani Kumar,** Phone No: 7988959966 | Venue : **Computer Lab 208, Lab 209**

{DRONATHON – 2024}

MINOR EVENT

Date:
April 05, 2024

Camफ्लिकर : Documentary Movie Competition

Participation Rules :
· Team size should be two members only.
· Each team have to prepare their videos before the event starts.
· It should be of 5-10 Min.
· Videos capture real-life surroundings, blurring lines between reality & imagination.
· Video should not be Plagarized.
· Video should not affect sentiments of any Caste, creed or religion .

PRIZES — **First | Second | Third (Momento + Certificate)**

Registration Link:
https://forms.gle/jabm3RKPbS1WjRet6

Faculty Sub-Coordinator :
Dr. Vandana Rajan Ph No: 9813660038
Prof. Sakshi Ahuja   Ph No: 7011432127

Student Coordinators:
Payal Sharma 25512 ECS Ph No: 807683867
Jaishree 25502 ECS Ph No: 9625043169

Topics For the Documentary
1. AI Bliss or Curse | 2. ICT in Education | 3. Cryptocurrency
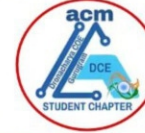4. Inculsion of Semiconductor Industry in near future for India.
Global Warming reduction Parameters

Faculty Coordinator : **Dr. Vandana Ranjan**
Phone No. : **9813660038**
Venue : **EDC CELL**
Time: **10:00 AM Onwards**

{DRONATHON – 2024}

Date: April 05, 2024

MAJOR EVENT FIRA: ROBOT RACE

PRIZE
First Prize: 5000Rs
Second Prize: 3000Rs

Faculty Incharge : Dr. Dheivanai
Contact No : 8601254157
Venue : IC Engine

Participation Rules:
1. Team size should be of 3 members
2. Only 1st year and 2nd year students can participate irrespective of their branches
3. There are 4 tasks to be completed by the participating teams in total.
4. Time to complete all the tasks is 30 minutes/ team– during finals
5. Report to the Venue before 10 minutes of their allotted time
6. There are two rounds for the competition.
7. First round will be preliminary to be held on April 5, 24; Timing for the slots will be intimated
8. Final round will be on April 6, 2024 for top 8 qualifying teams
9. We will provide Firebird kits to all top 8 teams from college side on the final round of the competition.
10. Each team has to bring their own laptops/system for coding purpose.

Round 1 task: 05.04.2024
· Follow a white line Linear Path
· Solving problem statements (simple)
Round 2 task 06.04.2024
· Follow a white line Non-Linear Path
· Implement collision prevention from side cardboard walls
· Recognize traffic light colors through an external webcam
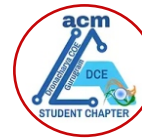· Add a unique feature for extra creativity (optional)

Registration Link : https://forms.gle/mooaL8Z4KU9xeiSw6

{DRONATHON – 2024}

MINOR EVENT

Piratesबाउंटी: Treasure Hunt

Participation Rules:

3 Rounds are there:-

I. 30th March 2024 - First Online Round:

· Individual participation, collect items and take a selfie.

· 1-hour time limit, first 15 winners proceed.

II. 4th April 2024 - Second Online Round:

· Individual participation, solve online puzzle.

· 1-hour time limit, first 5 winners proceed.

III. 6th April 2024 - Final Physical Round:

· 5 winners form teams of 2 for treasure hunt.

· Total 5 teams, 10 participants.

· Stay together, no damaging property, interfering, copying, or stealing.

First Online Round : 30-Mar, 2024

Second Online Round : 4-Apr, 2024

Final Physical Round : 5-Apr, 2024

Faculty Incharge: Dr. Vaishali Dixit

Contact No: 9810835511
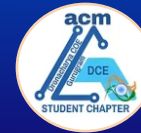
Venue: College Premises

Time: 10:00 AM onwards

Registration Link :

https://forms.gle/fjKzfGJ6cp4gRjNb9

DRONACHARYA
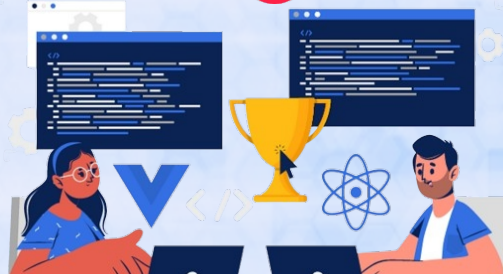## College of Engineering

{DRONATHON – 2024}

MAJOR EVENT

Date:
April 05 & 06, 2024

Tech Tonic: Project Competition

Participation Rules:
1. The contest is open for students for all branches.
2. Team size should be 3 members.
3. Multi-Disciplinary teams are welcome.
4. Once registered, Team members cannot be replaced.
5. Students need to have the working prototype, software or interface to participate.
6. Multiple entries by a team member is not allowed.
7. Projects should be based on real life problems.

Faculty Incharge:
Prof. Ruchita Gupta (ECE Dept. : 8619079355)
Venue: **Incubation Cell**
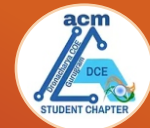Time: **10:00 AM onwards**

WIN PRIZES

1 — INR 15,000
2 — INR 10,000
3 — INR 5,000

Registration Link :
https://forms.gle/UngAeyHm5gnqvVFJ7

{DRONATHON – 2024}

MAJOR EVENT

Incharge : **Dr. Ashima Mehta**
Phone No: **9803505262**
Venue : **Auditorium**
Time : **11 AM**

Date:
April 04 to 06, 2024

HACK-O-RELAY 3.0

Participation Rules:-

1. 5 problem statement tracks will be provided. Each team has to choose one of the problem statements and work on their respective projects.
2. Participants can work individually or can have upto 4 members in a team.
3. Projects must be original as plagiarism would result in disqualification of the team.
4. Presentation regarding the project must not be more than 8 slides.
5. Each team must adhere to the time slot allotted to them and must finish the assigned task within the given time frame only.
6. Winners would be chosen by the judges on the basis of functionality , usage , design and technical execution. Judges' decision would be final and no further arguments would be entertained.
7. All the participants must follow the code of conduct, any sort of unethical behaviour violating the code of conduct would result in strict actions against the team.
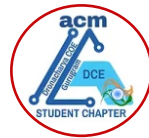
WIN PRIZES

1 INR 15,000
2 INR 10,000
3 INR 5,000

Registration Link : **https://www.gdscdce.com/**

DRONACHARYA
College of Engineering

{DRONATHON – 2024}

Minor Event : Techनोडियम - A Technical Extempore

Participation Rules:-
1. The speaker will be provided with a topic on the spot.
2. The time limit for speaking is 3 minutes (maximum).
3. Topics will be chosen by the speaker in the form of chits.
4. Examples of topics to be spoken on include "Latest Technology," "Current Affairs," and "Education in Today's World."
5. Single member can participate only.

Faculty Incharge: **Prof. Monika Thakur**
Contact No: **8447376506**
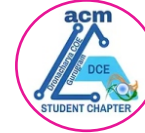Venue: **Room No 14 (Ground Floor)**
Time: **10:00 AM onwards**

Registration Link : https://forms.gle/YKpKHAVgZ2YXmTj28

{ DRONATHON – 2024 }

Date: April 05 - 06, 2024

Houseलैनिस्टर : BGMI Game Tournament

Participation Rules:-

1. Everyone has to follow the decorum and will not argue and misbehave with the volunteers/ lab representative and other members in the event.
2. Participants have to arrive at the allotted labs within 15-20 mins of announcement completion.
3. Participants will be responsible to pay if any of the college assets will get harmed by you.
4. Everyone has to be seated at their assigned lab till the matches are completed.
5. Any use of inappropriate language will result in instant disqualification of the team.
6. No inappropriate nuisance will be tolerated

MINOR EVENT

Registration Link :

https://docs.google.com/forms/d/e/1FAIpQLSew94BM7b3xM8fd
UeZRxvWUmCKvXxeMEIBDrFWHHKXWOq3LbA/viewform?usp=sharing

Faculty Incharge: **Prof. Renu Narwal**
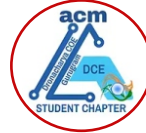Contact No : **7011584311**
Venue : **Computer Lab 202, Lab 203**
Time : **10 AM**

DRONACHARYA
College of Engineering

{DRONATHON – 2024}

CASTODIA

Date:
April 05-06, 2024

MAJOR EVENT

For **1st & 2nd Year Students**
Time: **10:00 AM onwards**
Venue : **006 (Seminar Hall)**

Participation Rules:

1. Team Formation: Participants usually form teams comprising students from the same or different educational institutes. Each team typically consists of 4 members only.

2. Problem Statements: The organizers release problem statements covering various domains such as agriculture, healthcare, education, etc.

3. Problem Statement Selection: Teams select problem statements they are interested in solving. Usually, teams can select multiple problem statements but ultimately work on only one during the competition.

4. Mentorship and Support: Teams may receive mentorship and support from experts, mentors, or technical advisors during the Hackathon.

5. Evaluation: After the Hackathon, the developed solutions are evaluated by a panel of judges based on criteria such as innovation, feasibility, scalability, technical implementation, and impact.

6. Presentations: Each team is given a certain time slot to present their solution to the judging panel. Presentations typically include demonstrations of the solution and explanations of the problem-solving approach.

7. Prizes and Recognition: Winning teams are awarded prizes and recognition based on their performance and the quality of their solutions. Prizes may include cash awards, support for further development of the solution, etc.

8. Code of Conduct: Participants are expected to adhere to a code of conduct ensuring fair play, respect for others, and ethical behaviour throughout the event

PRIZES **First | Second | Third (Momento + Certificate)**

Registration Link : https://forms.gle/MivYFsXDhdGs9YXK9
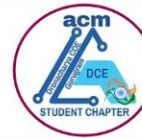
Faculty Coordinator : **Ms. Kanika Lamba (ECE Dept.)** | Contact No : **9873504939**
Faculty Sub Coordinator: **Dr. Kunal Karn (8700238244) &**
Prof. Anita Choudhary (8800860412)

Student Co-ordinators:
Preeti 2nd year (25553) Ph. No: 767846785 ECE &
Ujjwal Sharma 2nd year ECE (25561) Ph. No: 8307516792

DRONACHARYA
College of Engineering

{DRONATHON – 2024}

Date:
April 05, 2024

Codeवेदा

Participation Rules :

- **Team Size :** maximum 4 members per team.
- **MVP Requirement :** Each app must have a functioning Minimum Viable Product.
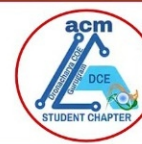- **Theme Alignment :** Apps must align with आत्मनिर्भर भारत theme emphasizing innovation.

MINOR EVENT

Registration Link:

https://forms.gle/b1NAKRAgnXh5QwWs7

Faculty Incharge: Dr. Shipra Arora
Contact No: 9911156590
Venue: Computer Centre (2nd Floor)

DRONACHARYA
College of Engineering

{DRONATHON – 2024}

Date:
April 05, 2024

Dronविज़न : Poster Making Competition

Participation Rules:

· Team size should be two members only.
· Each team will prepare and present a poster of their innovative idea/research/project.
· Poster displays will be limited to one side of A0 flex. As per the template attached.
  (A0 Size paper = 33.1 in X 46.8 in)
  https://docs.google.com/presentation/d/1rOIEvrbleQy2EHpqZf-Wu9-YRo3G00kQ/edit?usp=sharing&ouid=107451869559141436595&rtpof=true&sd=true
· Be sure to include the title, author and co-author names (semester, branch & roll no).
· "Introduction/Background", "Methods", "diagram/Flowchart", "Results" and "Conclusions" must be included.
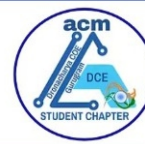
Registration Link:

https://forms.gle/oshJLtaoebPea85GA

**Incharge : Prof. Pooja Sharma | Phone No: 9818644355 |
Venue : Corridor, 2nd Floor | Time: 10:00 AM onwards**

DRONACHARYA
College of Engineering

MINOR EVENT

{DRONATHON – 2024}

Date:
April 06, 2024

Webब्रिल्यन्स: Crafting Digital Literacy

Participation Rules :
· Team Size: 2 to 4 members per team.
· Theme Alignment: Web pages must be align to use
  digital technologies for meaningful actions highlighting
  creativity and innovations
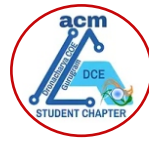
Registration Link:
https://forms.gle/fPvadyrs4Q1Qf9cn8

Faculty Coordinator : **Dr. Yogita**
Phone No. : **9718431431**
Venue : **Lab 204 and Lab 205**

{DRONATHON – 2024}
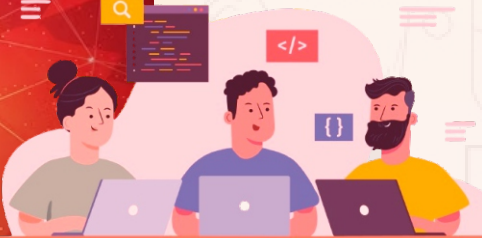
MAJOR EVENT

Date:
April 06, 2024

Hack-IT-Thrice : AI Innovation Hackathon

Participation Rules:

- All students from authorized institutions and programs are eligible to participate
- Participants can join the competition solo or in a team of a maximum of 4 members
- Students qualifying for the offline round must carry their valid School/College ID cards
- The Competition has a total of 3 rounds, where 1st and 2nd rounds are hosted online while 3rd round will be conducted offline
- In case of any discrepancy, decisions will be taken by the Panel and Event head only.

Faculty Coordinator :
Dr. Ritu Pahwa
Phone No. : **9541158333**
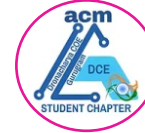Venue : **Computer Centre (2nd Floor)**

WIN PRIZES

1 — INR 15,000
2 — INR 10,000
3 — INR 5,000

Registration Link : https://forms.gle/XiGjtHXxwRqnz2De6

{DRONATHON – 2024}

MINOR EVENT

Techरंगोली: Rangoli Competition

Participation Rules :

- 2 Hour is given to each time to showcase their Skills.
- Team size should be of 2 Members only.
- Participants have to bring their own colours.
- Participants are prohibited from carrying any paper or electronic device to refer to during the competition.
- Participants are required to be present at least 15 min before the event.
- The Decision of the Judges will be final.
- Evaluation will be based on creativity, clarity, color, artistry and Technical theme.

Faculty Sub-Coordinator:

Mrs. Savita   Ph No: 8588851180
Mrs. Asha Balara Ph No: 8527010040

Students Co-ordinator:

Pranesh 25951 ECE Ph No: 7428703747 ,
Parth 25510 ECS Ph No: 9928623945
Ashish 25545 ECE Ph No: 8700019857

Registration Link:
https://forms.gle/5wR3RAaWn7S4WV17A

PRIZES First | Second | Third
(Momento + Certificate)

Incharge : Ms. Sonia Arora (ECE Dept.) | Phone No: 9416370400 |
Time : 10 AM Onwards | Venue : AIML DEPARTMENT COORIDOR (3rd FLOOR)