



छात्र क्रियाकलाप केंद्र  
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद  
प्रयागराज – 211004 (भारत)

Students Activity Centre  
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## **Report of Annual Techno Management Festival AVISHKAR 2020** **in Online mode**

[\(https://avishkar.mnnit.ac.in/\)](https://avishkar.mnnit.ac.in/)

The Institute Annual Techno Management Festival, **AVISHKAR-2020** (AVISHKAR + Gnosiomania) was scheduled during October 31- November 03, 2020 as per Institute Academic Calendar. During this current pandemic situation, all of us are following Government guidelines as advised from time to time. In this situation, to be self-motivated and making young minds refresh their technical and management skills to participate in the technical management competitions and making them feel connected, Team Avishkar decided to conduct Avishkar-2020 in online mode. **Organizing Institute Festival in online mode was a new and innovative idea and organized for the second time in online mode in our institute. It is the first time to conduct a technical festival online in the institute.** Unlike Culrav 2020 , Team Avishkar was open to outside participation as well. Rules and guidelines (attached as **Annexure-A**) were framed and made available to all students through Avishkar website (<https://avishkar.mnnit.ac.in/>) and social media platforms (<https://www.facebook.com/mnnit.avishkar>).

Departmental Events like Cyberquest, Electromania, Genesis, Power Surge, Monopoly, Oligopoly, Robomania, Aerodynamix, Mechrocosm, Rasayans, Gnosiomania, Kreedomania were conducted. A new event named TechToy was introduced this year based on the initiative of the government of increasing the monopoly of Indians in the gaming industry. All participants showcased their talents from their homes at different locations of the country in online mode. The programs include various technical and management events. In the month of OCTOBER

2020 when the institute was observing mid semester break, the students utilized this time to nurture their talents. These events were conducted during October 31st-November 3rd, 2020. The results and list of winners in all events is attached in **Annexure-B**. Interested candidates participated in the event sitting at home by connecting through Microsoft Teams and other software platforms by working in teams or as a lone wolf and prepared their respective presentations, projects, models and simulations accessible not only by the Event Coordinators but by the faculty as well. The final year students as well as the faculty team were involved in judging the work done by the students and declaring the winners. In this online mode of Avishkar, more than 2500 participants finally participated after initial screening. More than 60 events were conducted considering social distancing and government guidelines regarding COVID 2019.

The Avishkar was inaugurated on 31-10-2020 (Saturday) evening through MS Teams with Live telecast to all users of MNNIT (Live mode of MS Teams software). **Prof. Rajeev Tripathi, Director, MNNIT Allahabad, Chief Guest of the inauguration Padma Vibhushan Dr. Vasudev K Aatre and many faculty members, staff members and students with online presence of more than 1200 attendees viewed the online inauguration. The inauguration was followed by the gnoTalks session by Padma Vibhushan and Senior Scientist Dr. Vasudev K Aatre.**

**The second day of Avishkar saw Mr. Anil Swarup, former School Education & Literacy Secretary of India and author, who inspired students with his experiences and words of wisdom.** The events received huge participation from all the students full of enthusiasm and the willingness to learn and explore.

**The third day of Avishkar was no different with the homecoming of our former alumni Mr. Ahmed Mazhari, who is currently the president of Microsoft Asia.** He insisted students to invest themselves in the system and education. He further reminisced about his years spent in MNNIT and quoted them to be the best years of his life.

**The final day of Avishkar was lined up with GnoTalks who welcomed Padma Shri Prakash Baba Amte, Actor and Youtube personality Badri Chavan popularly known as Inzy Bhai,**

**and Youtuber Satish Ray popularly known as Imaandar Sharma. Leaving the audiences motivated and elated, Gnotalks 2020 came to its conclusion.**

To put a closure to the four-day-long festival, the dignitaries of the college gathered and congratulated the students for their efforts, participation, and enthusiasm. In the closing ceremony, the best performers in Avishkar 2020 were awarded prizes. **Gungun Agrawal (BTech 2nd year Biotechnology) won Ms. Avishkar title and Mr. Avishkar was won by Aniket Kushwaha (BTech 2nd year Chemical Engineering).**

The events in the Avishkar 2020 were well covered by the media. Few pictures and news clips are attached in **Annexure-C**.

Looking at the huge interest among the students, reflected through the high participation of students among different technical and management competitions, it can be concluded that this Online Avishkar 2020 provided a big help in lifting up their technical knowledge and feel connected even from their homes. The desire to showcase their talent in terms of technical projects, coding, simulation and quizzing combined with an online medium has done wonders in setting a new benchmark for years to come.

## **TEAM AVISHKAR-2020**

### **Faculty Committee**

1. Prof. Rajeev Tripathi, Director MNNIT Allahabad
2. Prof. Rajesh Gupta, President, Student Activity Center (SAC)
3. Dr. Venkateswara Rao Komma, Convener
4. Dr. Shashank Srivastava, Coordinator/Treasurer
5. Dr. Basant Kumar, Coordinator
6. Dr. V. P. Singh, Member
7. Dr. D.K Shukla, Member

### **Student Committee**

<b>Position</b>	<b>Name</b>	<b>Branch</b>
<b>Festival Secretary</b>	Anirban Banerjee	ECE
	Ankit Kumar Tripathi	CE
	Ayush Jaiswal	CSE
	Siddhi Mahawar	CSE

<b>Gnosiomania Lead</b>	Fares Manzar Khan	ECE
<b>Gnosiomania Lead Associate</b>	Chirag Thakur	CSE
	Gurvinder Singh	CSE
<b>PR Lead</b>	Mohammed Abdul Khadar	IT
	Satyam Savita	

Detailed student coordination committee is attached in **Annexure D**.

## **Annexure-A**

**(Notice, Rules and Guidelines of On-line Avishkar 2020)**

*Guidelines on Innovative way to conduct the On-line Technical Festival of the Institute*

### **Notice of Avishkar-2020 Online mode**

During this current pandemic situation, we all are following Government guidelines as advised from time to time. In this situation, to be self-motivated and making young minds refresh their technical and management skills to participate in the technical management competitions and making them feel connected, Team Avishkar-2020 has decided to conduct Avishkar-2020 in online mode. As online conduction of the techno-management fest is itself a new idea and it brings a lot of challenges, yet, the core committee of Avishkar has decided it be limited not only to MNNIT students but also to the outside participants as well. Rules and guidelines are framed for the conduction of Avishkar online. This online platform gives us an opportunity to contribute towards the current pandemic situation. In addition to other events, a new event will be dedicated to the government's initiative of promoting the gaming and toy industry in India named TechToy under Science Exhibition. Kindly go through the notice, participate, and contribute to make it successful. The best performers of the events will get following prize money as per the scheduled events (If the number of scheduled events increase then the prize money will be revised accordingly):

1<sup>st</sup> Prize: Rs. 1950/-,            2<sup>nd</sup> Prize: Rs. 1000/-,            and 3<sup>rd</sup> Prize: Rs. 750/-

Note: The mentioned prize money is tentative and might change based on the sponsorship and addition and subtraction of events.

Kindly note that we all need to act keeping social distancing in mind.

Stay Happy, Stay Healthy, Stay Safe at home and follow Government guidelines.

**Team, Avishkar-2020**

### **General procedure for all events**

1. Participants will register on the Avishkar website with their registration numbers and Microsoft Teams username.
2. Once registered on the website, they'll have to fill and lock their details followed by sending invites to the students for joining their team.
3. After creating the team and adding the team members, register the team for the respective events. Once registered, the students can download the problem statements for the respective event from the website itself and start ideating, innovating and creating.
4. The results will be declared on the Culrav website as well as will be featured on the respective social media pages of the cultural clubs.
5. Every participant has to agree the following undertaking before taking part in an event:

## Undertaking

1. The use of profane or improper language is not acceptable.
2. All the students should be courteous, mature, cooperative and respectful at all times.
3. All the individuals are themselves responsible for their own actions and in case of indiscipline they may be punished accordingly.
4. Sportsmanship and fair play to team-mates, opponents and officials should be in the forefront of the team's basic philosophy and attitude.
5. No act will promote smoking, use of alcohol and drugs under any circumstances.
6. Teams must obey instructions provided by the institute, FS and team-coordinator.
7. No outside event allowed. They are supposed to be at their respective home/premises/venue. Social distancing needs to be followed for participation in events. Individuals will be responsible if they break rules/guidelines provided by governments and administration. Institute will not be responsible for any such acts.
8. Teams or individuals must ensure that the content of any event and actions must not be vulnerable, vulgar and anti-national.

*I hereby declare that I shall abide by the rules/regulations given by GoI, State governments, district administration and the Institute and the code of conduct mentioned above, and liable for disciplinary action if failed to follow any of the rules/code of conduct. I have taken proper consent of my parent for participation in \_\_\_\_\_, for the event(s) \_\_\_\_\_, scheduled during \_\_\_\_\_, at \_\_\_\_\_.*



## CYBERQUEST

### 1. Code of the Day

- **Description:** A week-long competitive coding event attracting nationwide participation. It consists of a set of 7 problems, one for each day. The participants labour relentlessly to submit efficient solutions within 24 hours of the release of the problem.
- **Problem Statements:** Coding Problems with increasing difficulty daily.
- **Judging Criteria:** Maximum problems solved in least time.

### 2. Code Warrior

- **Description:** Code Warrior is an event where gaming bots made with the help of Artificial Intelligence and its concepts like alpha-beta pruning, mini-max etc, compete among themselves in an arena of board-game and the most unbeatable bot wins. Its is the most fun-oriented yet technical event of Cyberquest

- **Problem Statements:**

[https://cc-mnnit.github.io/2020-21-Classes/Cyberquest2020/PS\\_Code-Warrior.pdf](https://cc-mnnit.github.io/2020-21-Classes/Cyberquest2020/PS_Code-Warrior.pdf)

- **Judging Criteria:** Best Bot with all the features stated in Problem Statement, Collaboration, Use of Git.

### 3. Droidrush

- **Description:** Droidrush provides an excellent opportunity to learn basics of app development and build up some great projects that will help you to poliah your resume. And of course - you can even get your app published on Google Playstore for free, if judged done of the best.

- **Problem Statements:**

[https://cc-mnnit.github.io/2020-21-Classes/Cyberquest2020/PS\\_Droidrush.pdf](https://cc-mnnit.github.io/2020-21-Classes/Cyberquest2020/PS_Droidrush.pdf)

- **Judging Criteria:** Best Software with all the features stated in Problem Statement, Collaboration, Use of Git.

#### 4. Insomnia

- **Description:** The flagship event of Cyberquest which records participation from the brightest brains across the country. It is a competitive coding event with problems of varying difficulty levels. Young coding enthusiasts participate with vigour each year to satiate their programming appetite.
- **Problem Statements:** <https://www.codechef.com/INSO2020>
- **Judging Criteria:** Maximum problems solved in least time.

#### 5. Logical Rhythm

- **Description:** Logical Rhythm gives you a perfect platform to design innovative and intelligent models, which can study the intricacies of data themselves to solve real-life problems. This competitive forum will also help the budding Data Scientists or Machine Learning enthusiasts to assess their potential, and grow both in confidence and ability.
- **Problem Statements:**  
  
<https://cc-mnnit.github.io/2020-21-Classes/Cyberquest2020/LR/>
- **Judging Criteria:** Best Solution with max accuracy and all the features stated in Problem Statement, Collaboration, Use of Git.

#### 6. Mathrush

- **Description:** MathRush is a mathematical puzzle contest in which sound knowledge of mathematics together with a taste of programming will be essential to solve problems.
- **Problem Statements:** Coding Problems based on MATHs with increasing difficulty daily
- **Judging Criteria:** Maximum problems solved in least time

#### 7. Operaomnia

- **Description:** Avishkar 20 brings you the most interesting puzzling event with mind boggling brain teasers and logical puzzles. This event will help you to open the locks of your brain and reach a new level of thinking where you haven't been earlier and at the same time you will be having fun.
- **Problem Statements:** Puzzles based questions will be there

- **Judging Criteria:** Maximum problems solved in least time

## 8. Revengg

- **Description:** A CTF-style challenge for all active and aspiring reverse engineers. So dust off the disassembler, oil your debugger and get your favourite chat client ready to participate in Revengg to win prizes bumper.
- **Problem Statements:** Participants will have to find flags by tinkering with files, exploiting applications, etc. Problems will be mainly from binary exploitation, forensics, reverse engineering, web-based exploits with some fun challenges.
- **Judging Criteria:** Maximum Flags found in least time

## 9. Softablitz

- **Description:** A software development event which targets building solutions for problem statements using Java. This event not only evaluates the participants on the implementation of features of the application but also innovation, code modularity and overall efficiency of the application.

- **Problem Statements:**

[https://cc-mnnit.github.io/2020-21-Classes/Cyberquest2020/PS\\_Softablitz.pdf](https://cc-mnnit.github.io/2020-21-Classes/Cyberquest2020/PS_Softablitz.pdf)

- **Judging Criteria:** Best Software with all the features stated in Problem Statement, Collaboration, Use of Git.

## 10. Softathalon

- **Description:** An event aimed at simulating the software profile based recruitment procedure for under graduates. It consists of a series of written and coding rounds testing the technical prowess of the candidate. Interview rounds also form an integral part of the event in which the students are judged on the knowledge and confidence they exude. It provides students a learning experience and pushes them a step forward towards their “Dream job”.
- **Problem Statements:** Contest to be hosted on Hackerearth including coding questions and MCQs.
- **Judging Criteria:** Performance in online rounds and interviews.

## 11. TechMaiden

- **Description:** The brand new all girls' event aims to provide you with overall development as a women techie. The event is open to only girls and consists of coding and aptitude round followed by interviews.
- **Problem Statements:** Contest to be hosted on Hackerearth including coding questions and MCQs.
- **Judging Criteria:** Maximum problems solved in least time.

## 12. Tuxwars

- **Description:** This event tests your practical acumen with Linux command line tools, shell scripting and networking. Using /bin/bash as your weapon dive into the dark /etc/shadow of the Kernel and fight for ultimate glory #!
- **Problem Statements:** Problem statement includes usage of linux commands and shell scripting along with OS structure of Linux.
- **Judging Criteria:** Maximum problems solved in least time

## 13. Webster

- **Description:** This event is a virtual hackathon that allows you to solve technical problems and create new solutions by showcasing your skills in the field of web development so that your app feels good and works well at the same time. This event will check how good you are when it comes to talking with databases and also how well you can integrate the latest technologies like AI, blockchain, etc. to your website.
- **Problem Statements:**

[https://cc-mnnit.github.io/2020-21-Classes/Cyberquest2020/PS\\_Webster.pdf](https://cc-mnnit.github.io/2020-21-Classes/Cyberquest2020/PS_Webster.pdf)

- **Judging Criteria:** Best Software with all the features stated in Problem Statement, Collaboration, Use of Git.

# GENESIS

## 1. Central Dogma

- **Description:** This event is mainly about the core biotechnology sector and how much more opportunities we can gain from the existing fields and fulfilling these things through biotechnology which would urge their interest.
- **Problem Statements:** Quarantine, Pandemic and Social distancing - words which will be forever ingrained in our minds and SARS-CoV2 -a microscopic molecule, merely 120 nm in size which is responsible for all this chaos. It's never too late to learn a few things about the enemy. We bring you the event Central Dogma - the gateway to unlock your understanding of what it means to be a biotechnologist. And the theme? Well you guessed it! It will be filled with all things related to viruses. We will go from answering the basics to solving a plethora of puzzles to check your basic understanding across all areas of science. So get ready to tackle the virus in this event with your wits.
- **Judging Criteria:** Results would be based on problem solving skills related to core Biotechnology, 1st round is written ,then multiple types of one to one quizzes would eliminate multiple teams and reach rapid fire rounds.

## 2. Cluequest

- **Description:** This is a quiz event relating to problem solving skills with clues on board relating to many things which would culminate into a single ending.
- **Problem Statements:** “When you have eliminated the impossible, whatever remains, however improbable, must be the truth?”

And all the truths pass through stages ,so will yours.:p

So , don't let your mind rot any further in these pandemic days.

It's time for all the Sherlocks and Watsons out there to come out of quarantine and put on their thinking hats for an online hunt of searching the clues -cuz' Cluequest is back!

- **Judging Criteria:** 3 rounds of increasing level of difficulty and final would be a kind of treasure hunt.

### 3. PALLADIN

- **Description:** In this event we discussed the job opportunities we have in our college and how to prepare for them and we provided them with all the materials so that they can prepare well for the future.
- **Judging Criteria:** Performance in Online Rounds and Interviews.

## MONOPOLY

### 1. Chanakya Neeti

- **Description:** Chanakya Neeti will put the participants into the shoes of a world class manager that will help them to take strategic decisions at a spur of the moment. Like Chanakya this event will give the participants the chance of making the definitive strategies for business scenarios. Every situation has numerous solutions; the most efficacious one is required.
- **Judging Criteria:** 3 Rounds, Elimination based Rounds, Points will be awarded as per the performance in individual rounds. (1st, 2nd and 3rd Place will be awarded as per the points)

### 2. Navachar

- **Description:** Navachar provides a platform to exhibit the innovative business plan that may turn to profiteering startups in future. All you have to do is bring in a new product or service, that is not prevailing yet in the market, with the consideration of financial viability. Devise a creative marketing plan. Get into the nitty gritty of the idea, present the same in an eye catchy manner.
- **Judging Criteria:** 3 Rounds, Elimination based Rounds, Points will be awarded as per the performance in individual rounds. (1st, 2nd and 3rd Place will be awarded as per the points)

### 3. Netritva

- **Description:** Netritva gives the participants the opportunity to show their creativity and skills to connect with the audience and influence them with their ideas and views. “Oratory is the power to talk people out of their sober and

natural opinions.” Too often, we believe our basic skills and credentials suffice, however, personal presence, self-assurance, and grace under pressure and charisma differentiate the best leaders from others with similar talents and backgrounds.

- **Judging Criteria:** 3 Rounds, 1st Round will not be an elimination round, other two rounds will be elimination rounds. Points will be awarded as per the performance and top performers will be qualified for subsequent rounds. (1st, 2nd and 3rd Place will be awarded as per the points)

#### **4. Stall Mart**

- **Description:** StallMart provides the platform to showcase talent or creativity, and to have a demo experience of the social market from here. Stall mart brings the opportunity to stall your ideas’. Come up with an innovative idea, implement the strategies and reap the benefits. Use your ethical ways to earn maximum engagement and you may win. It is the time to innovate and implement. Grab it and earn it.
- **Judging Criteria:** No Elimination. Daily different task will be given to execute. The team with highest points will be the winner, There will also be the position of 2nd and 3rd place in this event apart from the winner.

### **OLIGOPOLY**

#### **1. Ad Hole**

- **Description:** This event is about using creativity in creating advertisements related to product/services.
- **Judging Criteria:** 2 Rounds. Elimination based rounds. Points will be awarded as per the performance. Top 3 Performers will be awarded : 1st, 2nd and 3rd place in the final round.

#### **2. Pitchers**

- **Description:** This event is related to a start up business idea. Entrepreneurs are best suited for this event where they can have an exposure of how to pitch the idea and to stand out from among its peers.

- **Judging Criteria:** 2 Rounds. Elimination based rounds. Points will be awarded as per the performance. Top 3 Performers will be awarded : 1st, 2nd and 3rd place in the final round.

### 3. Solo-Lobo

- **Description:** This event is to help the individuals discover their leadership skill through a series of tests including psychometric, business problem related case study, discussion, campaigning etc.
- **Judging Criteria:** 2 Rounds will be conducted on the same day. Elimination based rounds. Points will be awarded as per the performance. Top 3 Performers will be awarded : 1st, 2nd and 3rd place in the final round.

### 4. Trading Strategist

- **Description:** Trading strategist is a core event related to trade, stock, financial market. This event gives the opportunity to the participants to have an insight of how the financial market works.
- **Judging Criteria:** 2 Rounds. Elimination based rounds. Points will be awarded as per the performance. Top 3 Performers will be awarded : 1st, 2nd and 3rd place in the final round.

## ELECTROMANIA

### 1. Quintathlon

- **Description:** On the lines of the actual placement process, each round is based on rounds conducted by major companies that visit during campus placements. The rounds include Online tests followed by interviews.
- **Judging Criteria:** Performance in Online Rounds and Interviews.

### 2. Circuit of the Day-

- **Description:** A week long event which is all about simulation of electronic circuits. An event where you have to think in all multi dimensions which will



amalgamate your creativity and your knowledge in electronics. You will have to develop the circuits to solve the real world problems presented one at a time.

- **Problem Statement:** 7 days, 7 circuit simulation problems having varying levels of difficulties and rewards.
- **Judging Criteria:**
  1. Time taken : The early you submit a correct and optimal solution, the more points you bag and keep an edge over others.
  2. Creativity and Technical Elegance - Have you created a unique or different way to solve a problem?
  3. Overall Circuit Efficiency - How well does your circuit use the capabilities of the components you chose?
  4. Quality of Documentation - Have you expressed circuit operations and utility clearly?
  5. Cost Effectiveness - whether your design is cost efficient or not?

### 3. FPGA-

- **Description:** FPGA (Design), one of the flagship events in Electromania, Avishkar is targeted to the designing of FPGA synthesis solutions with industrial applications in the fields like computer architecture, digital signal processing, cryptography, etc. Verilog HDL (Hardware Description Language) is the hardware description language used for synthesis solutions followed by their behavioral simulation.
- **Problem Statements:**

#### FPGA Implementation of CORDIC Processor

CORDIC or COordinate Rotation Digital Computer is a fast, simple, efficient and powerful algorithm used for diverse Digital Signal Processing applications. CORDIC is a hardware efficient algorithm which is suitable for solving the trigonometric relationships involved in plane coordinate rotation and conversion from rectangular to polar form.

- **Judging Criteria:** Performance in onspot VERILOG coding ppt and simulation results.

#### 4. Innodev-

- **Description:** Development competition for Electronics and Electrical students. Students are required to work in teams of max 4 students, to solve a real world problem using software. They are free to choose a problem from the released list and work on it under the guidance of an allocated mentor(Final year student). The teams can choose the techstack on which they want to work on.
- **Problem Statements:** The problem statements consist of various real world challenges that can be solved by developing some kind of software.
- **Judging Criteria:**

Two Rounds: Mentor evaluation and Final Evaluation. Teams will be evaluated on the basis of :

1. Completion of basic Features as mentioned in the Problem statement.
2. Completion of advanced features.
3. UI/UX
4. Questions related to techstack used.
5. Presentation
6. Any unique factor that sets the project aside.

#### 5. Research Gap-

- **Description:** A research based event to help students to value their ideas
- **Problem Statements:** Candidates have to submit an abstract of their research which he had done on any of the themes mentioned below
- **Themes :**

Digital India, Smart City, Smart Agriculture, Swachcha Bharat, E governance

- **Judging Criteria:**

Two Rounds: First round will be abstract evaluation and selected students will be headed to second round where there will be presentation of research and paper submission

## 6. Codotron-

- **Description:** Codotron is a flagship coding event of Electromania to test competitive programming skills.

- **Problem Statements:**

Online Round: Coding Questions, Debugging Questions;

Onsite Final Round: Coding Questions

- **Judging Criteria:** Team with maximum points scored will proceed to further round.

## POWERSURGE

### 1. Pentathlon

- **Description:** It is an event which gives an experience of a placement session. Event contains 5 different rounds starting with a written test followed by GD, JAM, Technical and HR Interviews. No disqualification is there as the motive is to provide an experience of placement session to all students.
- **Judging Criteria:** In each round, marks will be given and final shortlisting will be done based on this.

### 2. Predefined Hardware

- **Description:** It is mainly a hardware development event. Juniors are provided with problem statements, they need to analyse it, think for implementation through hardware, design the circuit and develop the microcontroller code. 3rd years are doing the simulation projects on MATLAB and PROTEUS instead of hardware. Also keeping in mind the

current Pandemic situation we've added a COVID19 related bonus section, in which they are required to make basic commonly used modules, and this is open to both years.

- **Problem Statements:** Listed below are the problem statements for you to implement by understanding the situation, analyzing and designing of the circuit and then implementation on the hardware.
  1. LED-String Lamp
  2. AC Load Control
  3. Solar Tracker Panel
  4. Home Automation
  5. IOT [Internet Of Things]
- **Judging Criteria:** Based on the performance of hardware for 2nd years and simulation results for 3rd year, in addition with the demonstration of the project online in teams and powerpoint presentation.

### 3. Circuit Bizz

- **Description:** In this event we test the knowledge of participants in theoretical as well as in practical aspects of the subject and process meets Fun. In the last round we conduct a simulation round in which participants have to simulate a given circuit and get the desired output either on Proteus or on MATLAB and also have to solve a given circuit theoretically.
- **Judging Criteria:** Each round is an elimination round so based on their performance participants moves for further rounds.

### 4. Codesparks

- **Description:** CodeSparks is an event for the core students inclined towards the software industry. It consists of two solo rounds: first a coding event followed by interviews.
- **Problem Statements:**

First Round : 5 programming questions

## Second Round : Interviews on MS Teams

- **Judging Criteria:** Cut off score will be made according to the scores in each round.

### 5. War of Currents

- **Description:** It is an event where various fields ranging from aptitude, verbal reasoning, logical reasoning, treasure hunt are covered and aimed at sharpening skills of juniors in mentioned fields.
- **Judging Criteria:** Based on marks scored in the first and second round.

## ROBOMANIA

### 1. Autonomous Driving Challenge-

- **Description:** In this task the participants have to build a deep learning model, train it on collected data on Carla and test in Carla Simulator
- **Problem Statements:** Inspired by initiatives of Govt. of India, Tesla is now expanding to India and hence recruiting for bright minds who can make self-driving cars possible in the highly stochastic environments of India. You being smart (obviously, since you are interested in robotics) have managed to clear multiple rounds of the selection procedure, and now Mr. Musk wants you to take a step forward and apply all your knowledge and engineering skills to automate a car in real using Behaviour Cloning, to choose the best out of few remaining candidates.

Do you have what it takes to work with Mr. Musk? Well, let's find it out with this problem statement.

- **Judging Criteria:** The one to solve problem statements in least time and with max accuracy will win. An Interview of participants will also be taken.

## 2. Wanderbot-

- **Description:** In this task the participants have to build a ground robot with robotic arm attached to it, and perform various tasks in Pybullet simulation
- **Problem Statements:** With Iron Man's sad yet heroic death, Avengers are one member short. They'll be on the lookout for a new member, and you've chosen to prove your mettle, obviously, in a robotics-based manner (because, duh! Tony himself was a pioneer in this field). You've begun training for the same, and your first mission needs you to place each of the coloured cubes into the corresponding coloured boxes on the ground, much like the infinity stones had to be placed in the gauntlet, with the help of the Husky and the arm mounted on it, as a true tribute to Tony's feat.
- **Judging Criteria:** The one to solve problem statements in least time and with max accuracy will win. An Interview of participants will also be taken.

## AERODYNAMIX

### 1. Phantom

- **Description:** 1st round - Quiz 2nd round-Design and modelling 3rd round- simulation
- **Problem Statements:** Amidst the tensions at borders of India, Pakistan and China, the government has decided to expand the capabilities of the Air Force and you, the CTO at Aeroclub MNNIT have received the trial that might net the contract to provide aircraft solutions to Indian Air Force. Great ain't it? However the first step is that you need to show the design, model and run simulations to demonstrate your capabilities in front of a committee of air force officers, all of whom are very detail-oriented, and thus you risk losing your contract. However, if your work pleases the officers, a myriad of opportunities await you.

Do you have what it takes to avail them?

- **Judging Criteria:** Cumulative marks of all the three rounds.

## 2. Guardian-

- **Description:**

1st round - simulating drone on SITL and accomplishing 4 tasks. Making a hexagon, vertical circle, horizontal 8 and a spiral of 3 turns.

2nd round - individually coding a swarm to make an 8 and vertical circles. 3rd round - coding a single drone which 2 others will follow to accomplish the task. Viva.

- **Judging Criteria:** The one to accomplish the problem statement in least time + quality of the task + code evaluation and individual marks of each round and viva.

## 3. Lost in Space-

- **Description:** The event consists of a quiz which tests knowledge of a candidate in astronomy and science, part 2 is conducting a simulation to test the creativity and skills of participants in creating rockets for space travel, This is a 3 member team round.

- **Problem Statements:** 3 Rounds, First round:quiz, Second round: rocket assembly, Third round: Conducting the simulation(mission)

- **Judging Criteria:**

Round One: Best of 3 for each team is considered in assigning points.

Round Two & Three: Creativity, percentage completion of simulation, efficiency of rocket, cost of rocket, etc is taken into consideration.

## GNOSIOMANIA

- **Description:** The Gnosiomania team is geared up with doubled enthusiasm to make this year a success with interesting brainstorming quizzes. We are back to put your knowledge to test, be it India, General, TALC (Travel Arts Literature Culture), Business, Pop-Culture or Sports. Brush up your facts and figures because the gnosiomania team is all set for another year of knowledge quest. Hosted by some of the most revered quizmasters of India such as Major Chandrakant Nair, Somnath Chanda, Aditya Nath Mubayi and many more, it is one of the largest inter college quizzing events in North India.

- **Judging Criteria:**

Two Rounds:

- 1) Prelims: Top 8 teams qualify for the finals.
  - a) Finals: The qualified teams battle against each other to achieve glory.

## MECHROCOSM

### 1. Triathlon

- **Description:** It is an event which gives an experience of the placements session. Event contains 5 different rounds starting with an online test followed by GD and personal interviews in the last. No disqualification is there as the motive is to provide an experience of placement session to all students.
- **Judging Criteria:** In each round, marks are given and final shortlisting is done based on the marks provided.

### 2. Survivor Series

- **Description:** Survivor Series is one of the most exciting events of AVISHKAR under MECHROCOSM. For a species to survive, it needs adaptability, variability, competence, planning, collaboration, smartness and many more. A team need to survive puzzles,



riddles, science trivia, engineering and some surprises. Number of rounds: 3 Maximum No. of Members in each team: 2

- **Judging Criteria:** Questions are assigned some marks Round 1: Puzzles, riddles, science trivia, technical Medium: HackerEarth Round 2: On spot science quiz + some riddles Medium: MS Teams Round 3: Interviews + a basic science model Medium: MS Teams

### 3. Thematica

- **Description:** ""Problems are nothing but wake up calls for creativity"". Ever came up with a solution to a problem prevailing in the society with a thought that it could have been better the way you thought?"
- **Judging Criteria:** Questions are assigned some marks Round 1: Puzzles, riddles, aptitude: Hacker Earth Round 2: PPT round( General problem prevailing in society): MS Teams.

### 4. Blueprint

- **Description:** Designing of model of the given problem statement. Team has to submit the model on or before 31st October 2020 along with PPT. Any designing Software (Solidworks/ProE/Autodesk/Inventor/CATIA/NXCAD/Fusion360, etc.) can be used.
- **Judging Criteria:** Points are given on maximum creativity and designing skills. Innovation>Simulation>Details>Accuracy>Appearance.

### 5. Automax

- **Description:** Automax is one of the most exciting events of AVISHKAR under MECHROCOSM. Under this event, the participants are taken to the deep root level of automobiles. This event helps to gain knowledge of automobiles, its basic components, and its functioning. Number of rounds: 2 + PI Maximum No. of Members in each team: 3.
- **Judging Criteria:** Round 1: (Elimination) ● Technical Questions that are related to automobiles having some weightage of marks. ● Platform: HackerEarth Round 2: (Elimination) ● PPT Presentation by teams on topics allocated. ● Platform: MS Teams Round 3: (Personal Interview) ● Each team member of the top 5 teams will be interviewed. ● Platform: MS Teams.

## NIRMAAN

### 1. Constrengtho

- **Description:** The event helps the student explore the world of CONCRETE, starting with the very basic knowledge to attempting to propose a mix design of required strength.
- **Problem Statement:**

Prepare a Concrete Mix Design according to the different conditions given below

FOR 2nd Year:

M - 25 grade concrete

Specific Gravity of cement: 3.15

nominal maximum size of aggregate 20mm

Specific Gravity of Coarse Aggregate: 2.7

Fine aggregate: Zone 2 with specific gravity 2.65

Exposure Condition: Moderate

Slump: 50-75 mm

FOR 3rd YEAR:

Prepare a concrete of grade M- 25

Specific Gravity of cement: 3.15

Nominal Maximum Size of Aggregate: 20mm

Specific Gravity of Coarse Aggregate: 2.7

Fine aggregate: Zone 3 with specific gravity 2.65

Exposure Condition: Severe

Slump: 50-75 mm

Chemical Admixtures: Superplasticizers with Specific Gravity: 1.145

for a reduction in water content by 25% calculate the amount of chemical admixture

(assume 3% by mass of cementitious material)

- **Judging Criteria:**No elimination in this event. Cumulative score was used to declare the winner.

## 2. Cognizance

- **Description:** The flagship event of NIRMAAN ,which aims to give the participants a taste of what it is like to sit for an interview. It covers all the aspects of the process right from Aptitude,Technical Test, and PI
- **Judging Criteria:** No elimination in this event. Cumulative score will be used to declare the winner of respective years.

## 3. Terraquiz

- **Description:** The most talked event of NIRMAAN which tests logical,aptitude as well as the technical skills of the students .The event also evaluates the general awareness of the participants.
- **Judging Criteria:** Round 1 and Round 2 are elimination rounds(teams are eliminated on the basis of scores ).While Round 3 was used to declare the winners.

## 4. PPT-CON

- **Description:** A new addition to NIRMAAN which aims at providing a platform to the students ,where they can explore and correct their presentation skills with the help of coordinators.
- **Problem Statement:** The topics were distributed randomly to all the students.
- **Judging Criteria:** A three round event in which the points (given on basis of their presentation skills) of each round will be added to calculate the net score.

## 5. Shutter Up

- **Description:** The only event of NIRMAAN which does not put your technical knowledge to test but helps you to explore your passion of PHOTOGRAPHY.
- **Problem Statement:** Participants have to Submit up to two (2) photographs, clicked by you, based on the theme of “**LIFE DURING PANDEMIC**” and a caption written by the participant (If you try to copy the contents from Internet, our Judge can easily understand that and penalty will be given in terms of negative marks)
- **Judging Criteria:** The evaluation solely depends on the event coordinators who judge on the basis of instructions already mentioned in the problem statement.

## 6. Linkidge

- **Description:** The event which gives the civil engineering students a chance to explore, analyse and present their thoughts on BRIDGES.
- **Judging Criteria:** No elimination in this event. Cumulative score will be used to declare the winner

## 7. Ziggurare

- **Description:** The event aims to give the civil engineering student a taste of softwares- AUTOCAD and STAADPRO.
- **Problem Statement:** 50ftx70ft (Plan)

**Time:** 3.00hour+1/2hour for submission

1. Make at least four bedroom residence including (drawing-dinning, ventilation, kitchen, toilet, lobby, parking, garden along with stair) at **ground floor**. Draw taking in consideration the latest requirement of people.
  2. Also make a swimming pool of suitable size at the best location as per your plan.
  3. You can choose the plan direction according to your will but you should be well aware as to why you are considering any specific direction. Questions will be asked on the choice of plan direction.
  4. Make 2Nos.of two BHK flats residence for commercial purpose including (drawing-dinning, ventilation, kitchen, toilet, and lobby) at **first floor**.
  5. After drawing the plan, a **Staad pro frame model** has to be made and analysis of structure has to be done on the same.
- **Judging Criteria:** No elimination in this event. Cumulative score will be used to declare the winner.

## RASAYANS

### 1. Simulazione

- **Description:** MATLAB based event to solve practical problems.
- **Problem Statement:** Paper has two parts:-

1) PUZZLE

2) CODING

Marks Distribution is as follows:-

Puzzle :

3) 20 marks

4) 20 marks

5) 10 marks

Coding :

1) 50 marks

2) 50 marks

General Guidelines:-

- 1) The grading criteria is simple : as the round starts your timer for each question will also start and as you submit the correct answer the timer for that question will stop and time will be noted. Incorrect answer will be rejected and the timer will continue and attempt taken to solve that question will increase.
- 2) Time taken for you to solve and code performance both have equal weightage. Longer than sufficient codes will be penalized.
- 3) As you have solved the problem report its solution to both the coordinators via email time taken will be noted and marks will be given accordingly.
- 4) Devise your plan to tackle this paper and use your team. Response from any single team members will be considered the response of the team for that question.
- 5) Try to give correct response in single go, in case of Tie number of attempts taken will be a tie breaker.

- **Judging Criteria:** For Elimination Round time taken to solve and accuracy of code. For finals code performance and ppt and marks scored in elimination round

## 2. Quiziosity

- **Description:** Aptitude challenge event challenging common sense and IQ.
- **Judging Criteria:** Performance in round one and two.

## 3. Chemathalon

- **Description:** Mock placement based event consisting of online tests, JAM and personal interview.
- **Judging Criteria:** Performance in Online Rounds, JAM and Interviews.

## 4. Compress-E-Xcel

- **Description:** In this event, we are going to make participant to calculate the volumetric efficiency of Reciprocating compressor
- **Problem Statement:**  
[https://drive.google.com/file/d/13pcyxUBxhFKKCsld5zRlszATrmM\\_0025/view?usp=drive\\_s](https://drive.google.com/file/d/13pcyxUBxhFKKCsld5zRlszATrmM_0025/view?usp=drive_s)
- **Judging Criteria:** There is no elimination round. winners were decided on the basis of their final outcome of the project.

## 5. ChemQ

- **Description:** It is a quizzing event, where questions were from Chemical engineering background. Event consists of three rounds.
- **Problem Statement:**  
ChemQ is an event to find your 'Chemical Quotient' which tests your General Knowledge and conceptual knowledge regarding Chemical . So, fasten your belts and get your brains working to the solution ... but quick.

## 6. Industrial Designing Problem

- **Description:** Industrial designing based event to solve practical problems that arise in Chemical industries.
- **Problem Statement:**

**2nd year**-> An industrial fuel gas G is a combination of hydrogen, carbon monoxide, small

quantities of carbon dioxide and other trace gases. Normally derived from feedstocks, It contains carbon, such as biomass, natural gas, heavy oil and coal. G is combustible and can be used as a fuel of internal combustion engines and also to produce methanol. G is mostly produced by the coal Gasification process.

Composition of the gas G is normally taken as given in table

Components CO H<sub>2</sub> CO<sub>2</sub> CH<sub>4</sub> N<sub>2</sub> HHV

Percentage 48 32 15 2 3 10.4 MJ/m<sup>3</sup>

Major Industrial production of G can be represented by following reaction

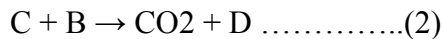


The reaction is endothermic in nature.

Now during this reaction a very important and popular side reaction Water gas shift reaction

takes place .It is used to balance the D:C ratio to 2:1 in G .

Reaction is represented like this



This reaction is a moderately exothermic reversible reaction. Fe (Iron) is used as a catalyst in this reaction.

Now , this gas G is passed at atmospheric pressure over Cobalt (Co) catalyst at 180-200 0C

to yield liquid hydrocarbons including gasoline, paraffins ,olefins. By a very well known process P named after two scientists which can be characterized as a source of low sulphur diesel fuel.

Efficient removal of heat from the reactor is the basic need of the process reactors since these

reactions are characterized by high exothermicity.

Temperature is controlled by cooling water and the resulting reactor effluent is fed into the

separation unit where various products are separated.

The demand of today's automobiles for high octane gasoline has simulated the industries to use the best in class process designing.

A refinery used to produce petroleum Naptha but want to setup a new unit to produce high quality fuel (Gasoline) which meet government's BS-VI standards.

Design a unit/units which remove/reduce the impurities/contents from the petroleum Naptha as well as increase the Research Octane Number (RON) of the fuel (complete specification of input and output from the unit is given below).

New Unit

Petroleum  
Naptha

→

?

→

Gasoline

Components	Value	Components	Value
RON	60-70	RON	91
Sulphur	200-2000 ppm	Sulphur	10 ppm (max)
Benzene	0-10 %	Benzene	1 %
Paraffins	40-80 %	Paraffins	0 %
Aromatics	0-20 %	Aromatics	35 %
Olefins	25-50 %	Olefins	21 %
Temperature	46° C	Temperature	30-46° C

**MNNIT ALLAHABAD**

**Guidelines to constitute a good solution:**

- Quantitative and technically precise solutions are preferred which can be used for large scale production.
- A clearly labelled PFD (Process Flow Diagram) must be drawn.
- A good solution should be scientifically realistic and commercially feasible. Greater detail allows us to understand your solution better. Creativity and innovative thinking will be rewarded. Of course, we realize that not all data may be available. That's fine, make estimates where needed.
- Provide references to relevant literature or patents etc.
- If reactions are proposed, give as much data as you can to support feasibility in terms of reaction condition and mention catalyst used in the reaction.

**Tasks to be performed:**

- Design of overall unit/s given above. (0.6\*Y)
- Clearly draw PFD – (0.3\*Y)
- Description of the processes involved in production of required product, clearly show all the reactions used and catalyst used also if possible provide reaction/reactor temperature. (0.15\*Y)
- Make process economical as well as mention what can be done so that process is continuous, if few equipment like pump and heat exchanger stops working (Bonus marks will be awarded) (0.1\*Y)
- Do the safety analysis of overall unit.

3rd Year->

- **Judging Criteria:** For elimination round, Accuracy of Process flow diagram and presentation. For finals overall presentation , pfd and question- answer round marks were counted.

## SCIENCE EXHIBITION

### 1. TechToy

- **Description:** Innovative ways for manufacturing of toys based on events under the sub themes of 1. Eco friendly Toys, 2. Electrical Toys, 3. Manufacturing focused toys, 4. Vocal for local, 5. Toys from waste material Utilization.
- **Problem Statement:** 3 Rounds, 1. A Live Quiz, 2. PowerPoint Presentation on selected subtheme, 3. Viva on Presentation & model Submission (optional & bonus)

### **THEMES/CATEGORIES:-**

A. MANUFACTURING Focused TOYS



The value of the Indian Toy industry is 8000 crores. Various conventional processes are involved in toy Manufacturing. Also, Relatively New process like 3D printing etc are being used rapidly. Your task is to find out their detailed manufacturing process and suggest modifications and improvements using your technological expertise.

#### B. VOCAL FOR LOCAL

This theme is included to give Platform to the technique and ideas used locally in your areas.

Your task is to research the detailed process involved in their making and suggest modifications and improvement using your engineering brains. You are also expected to suggest ways for mass production.

#### C. ECO-FRIENDLY TOYS

Majority of the toys are made using Plastics. Your task is to suggest alternative materials like

Biodegradable materials, Recycling Plastic, Soil etc and describe detailed manufacturing processes involved. You are also expected to explain their health benefits.

#### D. ELECTRONIC TOYS

Go down your memory lane and think about racing cars.No, you don't have to make a racing

car. Cost of a Simple toy car:100 Rs, whereas the Cost of Electronic Toy Car:500 Rs.

You

are expected to use electronic components and add economic value to the existing/new Toys.

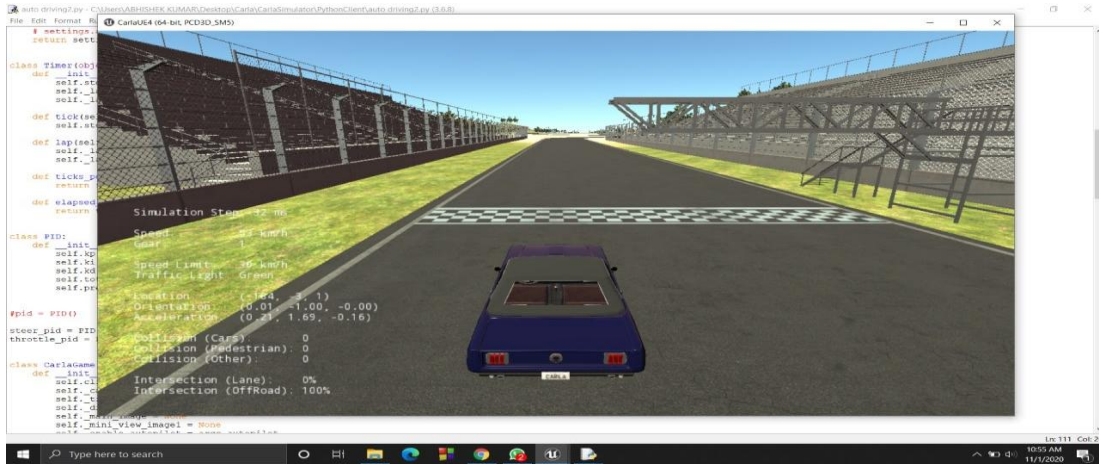
#### E. TOY MANUFACTURING USING WASTE MATERIALS (only for School Students)

- **Judging Criteria:** Live quiz is shortlisting round, marks are on presentation and viva, Bonus marks for model Submission (virtual or real).

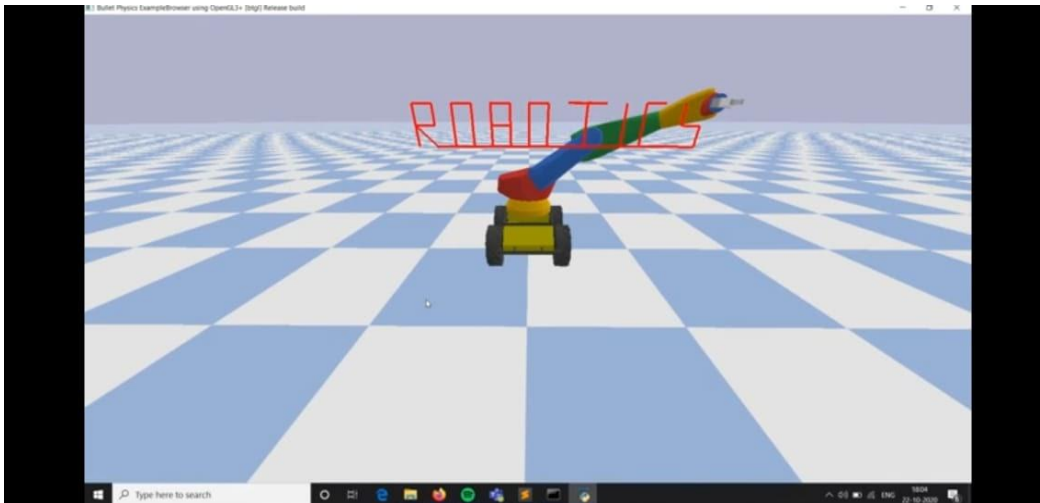
### Mr./Miss.AVISHKAR

The website will keep track of the scores achieved by each participant in an event. Based on the cumulative scores of all the events, the participant with the highest score will be awarded the title of **Mr./Miss. Avishkar-2020**.

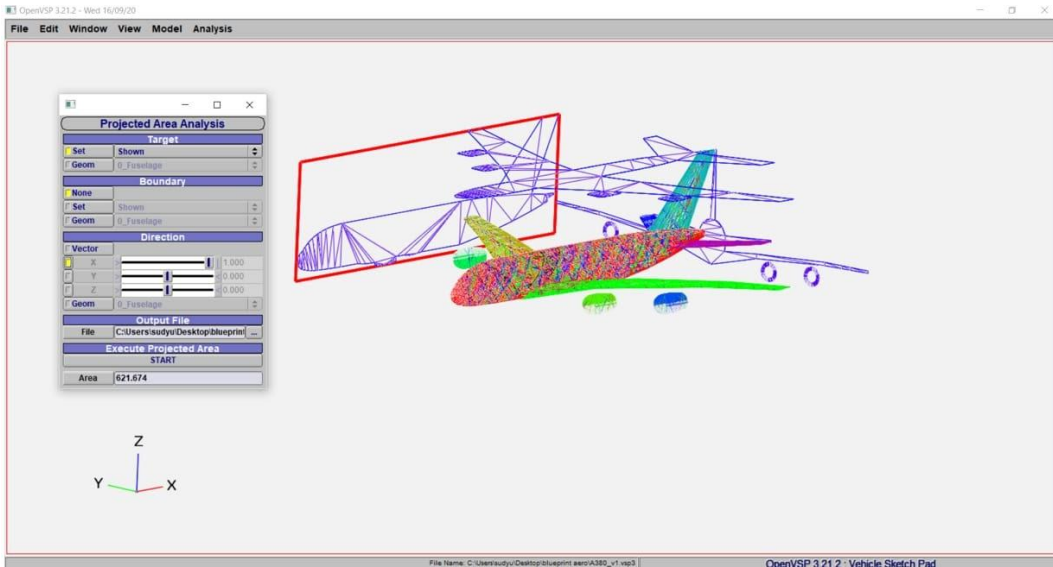
## Pictures of selected online Events of Avishkar 2020



## Driverless car design competition



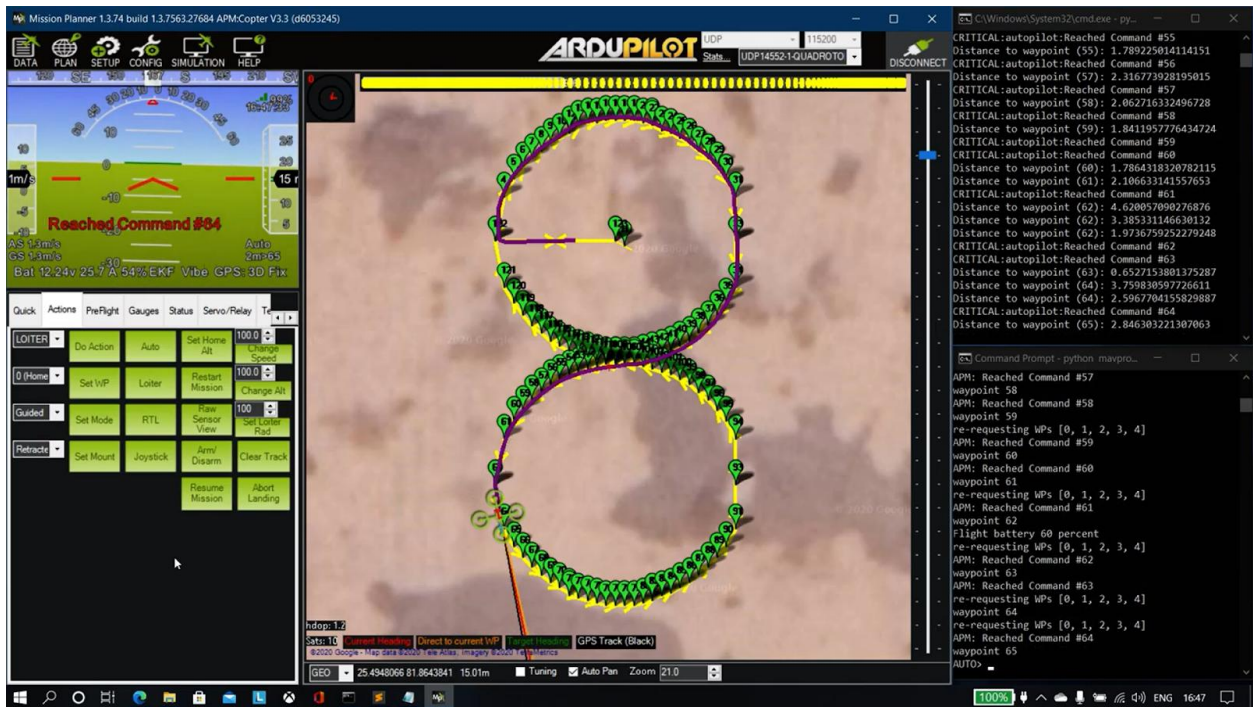
## Robot for garbage collection while avoiding obstacles



## Aeroplane wing design and analysis competition



## Drone design and its testing in virtual platform



## Mission Planning competition for unmanned aerial vehicle (UAV)

## Annexure-B

(Results of On-line AVISHKAR 2020)

Name	Event	Position	Registration Number
<b>CYBERQUEST</b>			

Akshay mall	Tuxwars (Team Event)	1	20184037
Nishchal Siddharth Pandey			20184002
Vishnu Batla	Tuxwars (Team Event)	2	20194006
Priyanshu Gupta			20194086
Mohit Pandey	Tuxwars (Team Event)	3	20194204
Ishan Gupta			20194175
<b>REVENGG</b>			
Animesh Kumar	Revengg (Team Event)	1	20188075
Suhail Shabaz	Revengg (Team Event)	2	20194092
Jayant Gaur			20194152
Nishchal Siddharth Pandey	Revengg (Team Event)	3	20184002

Akshay Mall			20184037
Yashendu Paresh Pandey	Softablitz (Team Event)	1	20194197
Ayush Sharma			20193002
Syed Zameer Qasim			20194154
Diptarag Ray Chaudhuri	Softablitz (Team Event)	2	20194042
Siddhesh Sunil Patil			20194165
Divyansh Upadhyay			20198117
Deepesh Rathi	Softablitz (Team Event)	3	20194066
Atharva Verma			20194080
Aditya Darji			20194008
Kshitiz Srivastava	Webster (Team Event)	1	20184091
Ankit Sangwan			20185091
Vishwajeet Kumar			20188053
Harshit Garg			20184035

Sujeet Kushwaha	Webster (Team Event)	2	20184098
Shivam Gupta			20184094
Aman Tibrewal	Webster (Team Event)	3	20185064
Harshit Gangwar			20184139
Sunny			20184164
Vivek rai	Logical Rhythm (Team Event)	1	20185024
Sidhant Agarwal			20188028
Deepanshu Raj			20185058
Animesh Kumar	Logical Rhythm (Team Event)	2	20188075
Ashish Kumar			20188097
Vinayak Anil	Logical Rhythm (Team Event)	3	20188089
Ashustosh Chitranshi	Droidrush (Team Event)	1	20184042
Nishchal Siddharth Pandey			20184002
Anushka Srivastava			20185020

Om Singh	Droidrush (Team Event)	2	20185092
Harshit Kapoor	Droidrush (Team Event)	3	20184161
Aanchal Singh			20183095
Arush Acharya			20181096
Mridul Bhatt	Insomnia (Team Event)	1	20184100
Abhinav Koul			20184103
Aryaman Arora			20186031
Ashutosh Chitranshi	Insomnia (Team Event)	2	20184042
Nishchal Siddharth Pandey			20184002
Nikhil Kumar Singh			20184054
Ashish Sharma	Insomnia (Team Event)	3	20198094
Atul Kumar Ashish			20194047
Shubham Pandey			20194169
Aryaman Arora	Code of the Day	1	20186031



Diptarag Ray Chaudhuri	Code of the Day	2	20194042
Mridul Bhatt	Code of the Day	3	20184100
Shreya Yadav	Softathalon (2nd Year)	1	20198072
Abhishek Keshri	Softathalon (2nd Year)	2	20194077
Aman Singh	Softathalon (2nd Year)	3	20198056
Mridul Bhatt	Softathalon (3rd Year)	1	20184100
Ashutosh Chitranshi	Softathalon (3rd Year)	2	20184042
Nikhil Kumar Singh	Softathalon (3rd Year)	3	20184054
Ashutosh Chitranshi	MathRush	1	20184042
Ankit Raj	MathRush	2	20184045
Gaurav Bansal	MathRush	3	20184155
Priyanshi Dixit	TechMaiden	1	20191023

	(2nd Year)		
Shreya Yadav	TechMaiden (2nd Year)	2	20198072
Vijeta Singh Yadav	TechMaiden (2nd Year)	3	20198026
Anushka Srivastava	TechMaiden (3rd Year)	1	20185020
Neetu Agarwal	TechMaiden (3rd Year)	2	20186003
Ananya Dixit	TechMaiden (3rd Year)	3	20181029
Karimulla Mohammad	Code Warrior (Team Event)	1	20198060
Amit Gupta			20194090
Kshitiz Srivastava	Code Warrior (Team Event)	2	20184091
Ankit Sangwan			20185091
Manish Kumar	Code Warrior (Team Event)	3	20184064
Aritra Chatterjee			20184196
Purva Gautam	Operaomnia	1	20184014

Shreyas Tandon	Operaomnia	2	20188050
Jivesh Gupta	Operaomnia	3	20188086
<b>ELECTROMANIA</b>			

Sumit Singh	Circuit of the Day (Team Event 2nd Year)	1	20195001
Ankit Shukla			20195005
Ananya Agrawal	Circuit of the Day (Team Event 2nd Year)	2	20195017
Raushan Kumar			20195038
Jacky Raj	Circuit of the Day (Team Event 2nd Year)	3	20195134
Shairil kansal			20195155
Saurabh Kumar Yadav	Circuit of the Day (Team Event 3rd Year)	1	20185051
Ankit Yadav			20185067
Keertiman Singh	Circuit of the Day (Team Event 3rd Year)	2	20185004
Jashwant Singh			20185028
Palak Mishra	Circuit of the	3	20185038

Om Sai	Day (Team Event 3rd Year)		20185164
Darpan Mittal	Innodev (Team Event)	1	20198022
Anant Shukla			20195066
Aditya Kashyap			20195076
Om Singh	Innodev (Team Event)	2	20185092
Himanshu Singh	Innodev (Team Event)	3	20185016
Tanish Tyagi			20185065
Udit Rai			20185132
Srivatsh Agarwal			20185157
Ayush srivastava	Codotron (Team Event)	1	20185035
Arush Acharya			20181096
Ananya Dixit			20181029
Vivek Rai	Innodev (Team Event)	2	20185024
Devansh Shukla			20185011
Deepanshu Raj			20185058

Mayank Choudhary	Innodev (Team Event)	3	20185082
Ankit Sangwan			20185091
Abdul Samad			20183160
Darin Peter Carvalho	Research Gap	1	20195097
Nandita Rani(2nd)	Research Gap	2	20195124
Rupali Singh(3rd)	Research Gap	3	20185048
Chirag Patil	Quintathalon (2nd Year)	1	20195164
Nitish Gautam	Quintathalon (2nd Year)	2	20195002
Devansh Sethi	Quintathalon (2nd Year)	3	20195008
Ankit Yadav	Quintathalon (2nd Year- Core)	1	20185067
Saurabh Kumar Yadav	Quintathalon (2nd Year- Core)	2	20185051
Palak Mishra	Quintathalon (2nd Year- Core)	3	20185038
Devansh Shukla	Quintathalon (2nd Year- Software)	1	20185011
Ankit Sangwan	Quintathalon (2nd Year- Software)	2	20185091
Ananya Dixit	Quintathalon (2nd Year-	3	20181029

	Software)		
Saurabh Kumar Yadav	FPGA (Team Event)	1	20185051
Ankit Yadav			20185067
Aashish Kohli			20189022
Simran kumari			20185013
Shubham Maurya	FPGA (Team Event)	2	20185134
Shveta			20185010
Rishav Kumar	FPGA (Team Event)	3	2020VL17
Kartik kiroula			2020VL09
Bikash Deka			2020VL05
<b>GENESIS</b>			
Tarush Mihir	Central Dogma (Team Event)	1	20190022
Gungun Agrawal			20190047
Saba Parveen			20190031

Shambhav Agrawal	Central Dogma (Team Event)	2	20184072
Shrishti Srivastava			20180026
Isha Yadav			20180020
Bintee	Central Dogma (Team Event)	3	20180007
Divyansh Yadav			20180012
Akshat Gupta			20180017
Gungun Agrawal	Palladin (2nd Year)	1	20190047
Anukriti Gupta	Palladin (2nd Year)	2	20190045
Yash Khandelwal	Palladin (2nd Year)	3	20192039
Ravi Prakash Mishra	Palladin (3rd Year)	1	20180018
Bintee	Palladin (3rd Year)	2	20180007
Aditya Gupta	Cluequest (Team Event)	1	20192074
Prashast Shukla			20191038
Yashendu Pandey			20194197
Shubham Prasad			20194180

Vishnu Batla			20194006
Kshitij Agrawal	Cluequest (Team Event)	2	20184081
Ashutosh Acharya			20184171
Adamya Singh Parihar			20185014
Jessel Joe Francis			20183019
Dushyant Mittal			20186048
Aakansha Khetan			Cluequest (Team Event)
Akhya Harshan	20181047		
Srishti Mall	20183007		
Shivangi Yadav	20184099		
Ojaswi Bhardwaj	20184016		
<b>MECHROCOSM</b>			
Souhardya Chatterjee	Thematica (Team Event)	1	20196048
Suryansh Tyagi			20193051



Deepankur Agrahari			20193042
Rajeshwar Gupta	Thematica (Team Event)	2	20193038
Gaurav Sharma			20193090
Sudyut Singh			20196006
Rahul Verma	Thematica (Team Event)	3	20190042
Devahsish Tomar			20193120
Aman Dalmia			20193117
Rajeshwar Gupta	Automax (Team Event)	1	20193038
Gaurav Sharma			20193090
Varun Raj			20193115
Srishti Mall	Automax (Team Event)	2	20183007
Saloni Verma			20183086
Harsh Kumar	Automax (Team Event)	3	20193031
Harsh Shahi			20193041
Amit Kumar			20193046
Anmol Joshi	Triathlon (3rd Year)	1	20183063

Neelam	Triathlon (3rd Year)	2	20186020
Abhinav Tiwari	Triathlon (3rd Year)	3	20183139
Ayush Patel	Triathlon (2nd Year)	1	20193026
Mridu Shukla	Triathlon (2nd Year)	2	20193133
Satyam Singh	Triathlon (2nd Year)	3	20193139
Samanvay Mereddy	Blueprint (Team Event - 3rd Year)	1	20186007
Sudhanshu Kumar	Blueprint (Team Event - 3rd Year)	2	20183021
Suryansh Tyagi	Blueprint (Team Event - 2nd Year)	1	20193051
Souhardya Chatterjee			20196048
Harsh Kumar	Blueprint (Team Event - 2nd Year)	2	20193031
Abhishek Raj			20193084
Amogh Trivedi	Blueprint (Team Event - 2nd Year)	3	20193072
Kanak Agrawal			20196040
Kanak Agrawal	Survivor Series (Team Event - 2nd Year)	1	20196040
Samarthya Gupta			20193001

Anshika Jain	Survivor Series (Team Event - 2nd Year)	2	20196033
Akriti Patel			20196044
Pratik Padmesh	Survivor Series (Team Event - 2nd Year)	3	20193118
Vartika Srinet			20196044
Anurag Vishwakarma	Survivor Series (Team Event - 3rd Year)	1	20186051
Devansh Jain			20186010
Samanvay Mereddy	Survivor Series (Team Event - 3rd Year)	2	20186007
Sriram Kasu			20183138
Abhinav Tiwari	Survivor Series (Team Event - 3rd Year)	3	20183139
Aaditya Dwivedi			20183141
<b>MONOPOLY</b>			
Utkarsh Sharma	Netritva	1	2020MB39
Muskaan Tushir	Netritva	2	20193023
Rishabh Sharma	Netritva	3	20189025

Kunal Jindal	Chanakya Neeti	1	20185063
Sambhav Agarwal			20184072
Nihar Saraf	Chanakya Neeti	2	20196029
Ankit Neeraj			20195074
Sachin Tripathi	Chanakya Neeti	3	2020MB31
Kritika Rao			2020MB21
Chandra Shekhar Sharma	Stall Mart (Team Event)	1	2020MB10
Vidhi Anand			2020MB53
Megha Makheja			2020MB23
Pragati Singh	Stall Mart (Team Event)	2	2020MB26
Saurabh Kumar			2020MB35
Utkarsh Sharma			2020MB39
Kushagra Saxena	Stall Mart (Team Event)	3	20195045
Kashish Agarwal			20194034
Anushree			20192046

Sneha Tripathi	Navachar (Team Event)	1	2020MB37
Amritesh Mishra			2020MB05
Chandra Shekhar Sharma	Navachar (Team Event)	2	2020MB10
Anoushka Krishnan	Navachar (Team Event)	3	20188005
Chanchal Tyagi			20189005
<b>NIRMAAN</b>			
Vibhav kumar singh	Terraquiz ( Team Event)	1	20181041
Utkarsh Goyal			20181074
Satyam Pandey			20181038
Shivansh mishra	Terraquiz ( Team Event)	2	20181032
Shubham gupta			20181023
Tanishk singh			20181042
Shambhav Agrawal	Terraquiz ( Team Event)	3	20184072
Prajwal Singh			20181003
Alankriti Dubey			20181026

Purva Gautam	Shutter-Up	1	20184014
Prashant Tripathi	Shutter-Up	2	20181061
Preeti Roj	Shutter-Up	3	20198114
Shivansh mishra	Constrengtho (Team Event)	1	20181032
Shubham gupta			20181023
Tanishk singh			20181042
Aditi Shukla			20181006
Pranjali Gupta	Constrengtho (Team Event)	2	20191047
Shashank Rai			20191093
Anshika Vashishtha			20191048
Aditya Kumar	Constrengtho (Team Event)	3	20181095
Ajit Kumar			20181095
Shiv Chaubey			20181034
Vivechana Gupta	Cognizance (3rd Year)	1	20180043
Prashant Tripathi	Cognizance (3rd Year)	2	20181061

Mansi Srivastava	Cognizance (3rd Year)	3	20181100
Yuvraj Singh Gaur	Cognizance (2nd Year)	1	20191034
Vaibhav Agrawal	Cognizance (2nd Year)	2	20191035
Shatrunjay Srivastava	Cognizance (2nd Year)	3	20191009
Utkarsh Goyal	Linkidge (Team Event)	1	20181074
Satyam Pandey			20181038
Vibhav Kumar Singh			20171041
Mansi Srivastava	Linkidge (Team Event)	2	20181100
Aniket Sharan			20181075
Prashast Tripathi			20181061
Digant Gaur	Linkidge (Team Event)	3	20181090
Sagar Sharma			20181004
Mayank Mohan			20181051
Anand Verma	Ziggurare (Team Event)	1	20191044
Satyam Modanwal			20191086
Amit Kumar Jaitwal			20191077

Priyanshu Kumar			20191045
Utkarsh goyal	Ziggurare (Team Event)	2	20181074
Satyam Pandey			20181038
Vibhav Kumar Singh			20181041
Pranay Shukla	Ziggurare (Team Event)	2	20180008
Avanish Kumar Kushwaha			20181045
Abhishek Gupta			20181035
Chandan Chand			20181054
Shivansh Mishra	Ziggurare (Team Event)	3	20181032
Shivam Babu Sahu			20181082
Shubham gupta			20181023
Taniskh Singh			20181042
Ayush Aman	PPT-CON (Team Event)	1	20191092
Atul Raj			20191019
Anshika Mishra			20191099
Divyansh Asthana			20191097



Prashast Shukla	PPT-CON (Team Event)	1	20191038
Vaibhav Agrawal			20191035
Yuvraj Singh Gaur			20191034
Tanishka Gupta	PPT-CON (Team Event)	2	20181087
Mansi Shrivastva			20181100
Aniket Sharan			20181075
Prashant Tripathi			20181061
Yashasvi Trivedi	PPT-CON (Team Event)	3	20191018
Lokesh Kumar			20191059
Shatrunjay Srivastava			20191009
<b>OLIGOPOLY</b>			
Devashish Pathak	Ad-Hole (Team Event)	1	2020MB11
Aparajita Raj			2020MB08
Shubham Raj	Ad-Hole (Team Event)	2	20198011
Ravi Raj			20195026

Sneha Tripathi	Ad-Hole (Team Event)	3	2020MB37
Utkarsh Sharma			2020MB39
Shubhi Jain	Trading Stategist (Team Event)	1	2020MB36
Harshit Jain			2020MB16
Chanchal Tyagi	Trading Stategist (Team Event)	2	20189005
Anjali Kumar			20188046
Anoushaka Krishnana			20188005
Satyam Singh	Trading Stategist (Team Event)	3	20193139
Vikrant Singh			20193005
Swarnali Sinha	Solo-Lobo	1	20182052
Prashast Shukla	Solo-Lobo	2	20191038
Devarsh Mehra	Solo-Lobo	3	20198105
Aparajita Raj	Pitchers (Team Event)	1	2020MB08
Sneha Tripathi			2020MB37

Pragati Singh	Pitchers (Team Event)	2	2020mb26
Amritesh Mishra			2020MB05
Vansh Ambashta	Pitchers (Team Event)	3	20193119
Devansh Sethi			20195008
<b>RASAYANS</b>			
Harsh Mishra	Chemathalon (2nd Year)	1	20199043
Aniket Kushwaha	Chemathalon (2nd Year)	2	20199021
Animesh Ranjan	Chemathalon (2nd Year)	3	20199005
Ayushi Barua	Chemathalon (2nd Year)	3	20199031
Srijan Pandey	Chemathalon (3rd Year)	1	20189008
Ankita Kushwaha	Chemathalon (3rd Year)	2	20189002
Shruti Pandey	Chemathalon (3rd Year)	3	20186033
Rishabh Sharma	Chemathalon (3rd Year)	3	20189025
<b>RASAYANS</b>			
Nirmal Pandey	Simulazione		20189001

Prakein Raj	(Team Event - 3rd Year)	1	20189016
Rishabh Sharma	Simulazione (Team Event - 3rd Year)	2	20189025
Nishant sharma			20189038
Bibhankar singh	Simulazione (Team Event - 3rd Year)	3	20189037
Srijan Pandey			20189008
Animesh Ranjan	Simulazione (Team Event - 2nd Year)	1	20199005
Shashank Pandey			20199051
Aniket Kushwaha			20199021
Shatrunjay Srivastav	Simulazione (Team Event - 2nd Year)	2	20191009
Harsh Mishra			20199043
Mayank Jain			20191075
Deepak Chorotiya	Simulazione (Team Event - 2nd Year)	3	20199027
Ayushi Barua			20199031
Ayansh Gupta			20199037
Animesh Ranjan	ChemQ (Team Event)	1	20199005
Aniket Kushwaha			20199021

Aniket gupta	ChemQ (Team Event)	2	20199048
Deepak Gangwar			20198109
Kritika podar	ChemQ (Team Event)	3	20199039
Saloni Shukla			20199006
Animesh Ranjan	Quiziosity (Team Event)	1	20199005
Aniket Kushwaha			20199021
Sakshi sihag	Quiziosity (Team Event)	2	20198093
supriya dhabas			20191072
Rahul Verma	Quiziosity (Team Event)	3	20190042
Souhardya chatterjee			20196048
Rishabh Sharma	Compress-e-xcel (Team Event)	1	20189025
Nishant sharma			20189038
Nirmal Pandey	Compress-e-xcel (Team Event)	2	20189001
Shruti Pandey			20186033
Animesh Ranjan			20199005

Aniket Kushwaha	Compress-e-xcel (Team Event)	3	20199021
Harish Goyal	IDP (Team Event - 2nd Year)	1	20199012
Piyush Suhas Mane			20199013
Anand Kumar	IDP (Team Event - 2nd Year)	1	20199017
Jhanvi Singh			20199007
Sonia Mina	IDP (Team Event - 2nd Year)	2	20199042
Ayansh Gupta			20199037
Shivansh srivastava	IDP (Team Event - 2nd Year)	3	20199010
Anuj patel			20199020
Srijan Pandey	IDP (Team Event - 3rd Year)	1	20189008
Rishabh Sharma			20189025
Shivani Chandra	IDP (Team Event - 3rd Year)	2	20189029
Shruti Pandey			20186033
Prakein Raj	IDP (Team Event - 3rd Year)	3	20189016
Nirmal Pandey			20189001
Aatreyee Guha	IDP (Team Event - 3rd Year)	3	20189011
Shobhit Agrawal			20189009

## ROBOMANIA

Vartika Srinet	Autonomous Driving Challenge (Team Event)	1	20193126
Ayushi Verma			20193017
Gungun Agrawal			20190047
Purushotam Kumar Agrawal	Autonomous Driving Challenge (Team Event)	2	20192042
Abhishek Kumar Pathak			20195153
Mehul Singhal			20195022
Agrata Singh	Autonomous Driving Challenge (Team Event)	3	20193135
Apanshula Shourie			20193143
Ammar Raza			20193071
Purushotam Kumar Agrawal	Wanderbot (Team Event)	1	20192042
Anurag Gupta			20195168
Mehul Singhal			20195022

Kushagra Saxena	Wanderbot (Team Event)	2	20195045
Anushree			20192046
Vibhanshu Vaibhav			20196007
<b>SCIENCE EXHIBITION</b>			
Souhardya Chatterjee	Techtoy (Team Event)	1	20196048
Suryansh Tyagi			20193051
Deepankur Agrahari			20193042
Kanak Agrawal	Techtoy (Team Event)	2	20196040
Amogh Trivedi			20193072
Ammar Raza			20193071
Pranjali Gupta	Techtoy (Team Event)	3	20191047
Shashank Rai			20191093
Ritik Raj			20195117
Krishna Sharma	Techtoy (Team Event) for School	1	12th Class
Sachin Pandey			12th Class
Gagan Mishra			12th Class



Shashank Gupta	Techtoy (Team Event) for School	1	7th Class
Shom Kartikey	Techtoy (Team Event) for School	2	Class 9th
Harshit Shukla	Techtoy (Team Event) for School	2	Class 9th
Vikash Tiwari			Class 9th
Raj Kumar Maurya	Techtoy (Team Event) for School	3	Class 7th
<b>POWERSURGE</b>			
Paridhi Agrawal	CircuitBizz (2nd Year)	1	20193075
Kushagra Jain	CircuitBizz (2nd Year)	2	20193108
Rishes Kumar Mishra	CircuitBizz (2nd Year)	3	20192080
Vishwajeet Singh	CircuitBizz (3rd Year)	1	20182073
Ritesh Kumar Ranjan	CircuitBizz (3rd Year)	2	20182069
<b>Predefined Hardware</b>			
Purushotam Kumar agrawal	Predefined Hardware (2nd Year)	1	20192042
Karan Yadav	Predefined Hardware (2nd Year)	2	20192040

Kushagra Jain	Predefined Hardware (2nd Year)	3	20193108
Sankalp Kumar	Predefined Hardware (3rd Year)	1	20182036
Sumit Ojha	War of Currents	1	20185049
Sankalp Kumar	War of Currents	2	20182036
Anushree	War of Currents	3	20192046
Abhishek Kumar Pathak	Codesparks (2nd Year)	1	20195153
Nihar Saraf	Codesparks (2nd Year)	2	20196029
Satyam Raj	Codesparks (2nd Year)	3	20195067
Gulshan Kumar	Codesparks (3rd Year)	1	20182002
Kishan Sharma	Codesparks (3rd Year)	2	20182019
Arush Acharya	Codesparks (3rd Year)	3	20181096
Purushotam Kumar Agrawal	Pentathlon (2nd Year - Core)	1	20192042
Avanish Kumar	Pentathlon (2nd Year - Core)	2	20192027

Kushagra Jain	Pentathalon (2nd Year - Core)	3	20193108
Sparsh Tiwari	Pentathalon (2nd Year - Software)	1	20192088
Burhanuddin Bohra	Pentathalon (2nd Year - Software)	2	20192041
Yash Khandelwal	Pentathalon (2nd Year - Software)	3	20192039
Ritesh Kumar Ranjan	Pentathalon (3rd Year - Core)	1	20182069
Radhe Shyam Prajapat	Pentathalon (3rd Year - Core)	2	20182071
Vishwajeet Singh	Pentathalon (3rd Year - Core)	3	20182073
Arush Acharya	Pentathalon (3rd Year - Software)	1	20181096
Kishan Sharma	Pentathalon (3rd Year - Software)	2	20182019
Sarvagya Prateek	Pentathalon (3rd Year - Software)	3	20182009
<b>GNOSIOMANIA</b>			
Urvik Shandilya	Sports Quiz	1	20182051
Jessel Joe			20183019
Pranav Rastogi			20198100

Saurabh Singh	Sports Quiz	2	20194116
Anirban Banerjee	Sports Quiz	3	20175021
Prabhnoor Saluja			20174177
Kumar Siddhant	BizTech Quiz	1	20182023
Kunal Jindal			20185063
Anirban Banerjee	BizTech Quiz	2	20175021
Prabhnoor Saluja			20174177
Shauyasikt Jena	BizTech Quiz	3	NA
Ritvik Gupta			NA
Urvik Shandilya	TALC Quiz	1	20182051
Jessel Joe			20183019
G Akshay	TALC Quiz	2	NA
Aryan Patel	TALC Quiz	3	NA
Deepro Nath			NA
Shauyasikt Jena			NA

Ritvik Gupta	Pop Culture Quiz	1	NA
Rishabh Singh	Pop Culture Quiz	2	20184095
Krishna Singh			20185126
Devansh Jain	Pop Culture Quiz	3	20186010
Vivek Kumar			20184073
Preetham Upadhya	General Quiz	1	NA
Shauyasikt Jena	General Quiz	2	NA
Ritvik Gupta			NA
Piyush Kedia	General Quiz	3	NA
Sourjo Sengupta			NA
Preetham Upadhya	India Quiz	1	NA
G Akshay	India Quiz	2	NA
Anahad Sharma			NA
Piyush Kedia	India Quiz	3	NA
Girish Suranje			NA

## KREEDOMANIA

Ankur Kumar	NFS	1	20191080
Suryansh Tyagi	NFS	2	20193051
Aman Joshi	NFS	3	20170039
Hardik Chugh	COD Battle Royale	1	20176006
Arpit Awasthi			20175046
Harsh Chaturvedi			20174088
Sandeepan Sarkar			20175087
Srijan Saxena	COD Battle Royale	2	20195069
Suryansh Pratap Singh			20195035
Mihir Varshney			20193083
Rahul Bajaj			20195112
Devansh Sethi			20195008
Vansh Ambashta			20193119

Sai Ashok Thete	COD Battle Royale	3	20191076
Amartya Mani			20199038
Vivek Singh	CSGO	1	20175035
Akash Kumar Singh			20175067
Sahil Patel			20175029
Aditya Punetha			20172027
Kamlakar Singh			20173009
Chitransh Nigam			20174031
Arsh Singh	CSGO	2	20178013
Anshul Singh			20174026
Chirag thakur			20174090
Prashant Shakya			20174071
Ayush Jaiswal			20174068
Tarun Kumar	CSGO	3	NA
Harshit kothari			NA
Deepesh kothari			NA
Chitraksh			NA

Srivastava			
Chitransh Anand	Valorant	1	20188040
Mithilesh Tiwari			20188002
Tanmay Safal			NA
Abhay Katheria			20184021
Prakein Raj			20189016
Aniket Sharan	Valorant	2	20181075
Akshay Mall			20184037
Keertiman Singh			20185004
Tushar Katiyar			20184052
Aryan Wadagbalkar			20185093
Divya Pratap Singh	Valorant	3	20184011
Ashutosh Kumar			20184029
Gidijala Uday Srinu			20184001
Abhishek Gangwar			20184031
Virat Singh			20176037



Atul Santosh	Rainbow 6 Siege	1	20178087
Sandeep Krishna			20178069
Smit Goswami			NA
Royen Kenneth			NA
Yohan Krishna			NA
Chitransh Nigam	Rainbow 6 Siege	2	20174031
Prashant Shakya			20174071
Shrinidhi Somalwar			20173054
Chirag Thakur			20174090
Prabhnoor Singh Saluja			20174177
A N Sai Krishna	Rainbow 6 Siege	3	20178018
Anshul Singh			20174026
Navneet Khandelwal			20178001
Kashyap Nasit			20174055
Ayush Jaiswal			20174068
Akshat Gupta			20180017

Divyansh Yadav	Rocket League	1	20180012
Shreshth Gilhotra	Rocket League	2	20194160
Himanshu Goyal			20193089
Ashish Kumar	Rocket League	3	20178012
Pulkit Garg			20171045

## Annexure-C

(Pictures and News paper articles)

### Inauguration



# प्रतिस्पर्धात्मक माहौल में तकनीकी दक्षता का संचार

## समारोह

प्रयागराज | मिज संवाददाता

एमएनएनआईटी में 'आविष्कार 2020' का तीसरा दिन विभिन्न प्रतियोगिताओं एवं तकनीकी गतिविधियों का गवाह बना। समापन समारोह से एक दिन पहले जहां एक ओर प्रतिस्पर्धा और कठिन होती दिखी वहीं दूसरी ओर से छात्रों में एक नवीन उत्साह एवं तकनीकी दक्षता का अद्भुत अंश दिखा। क्विज प्रतियोगिता 'नोसोमेनिया' में छात्रों का उत्साह देखने लायक था। देशभर से टीमों ने इसमें बढ़ चढ़कर हिस्सा लिया। जाने माने क्विजमास्टर मेजर चंद्रकांत नायर ने सभी को अपने कठिन प्रश्नों से बहुत छकाया।

'ऑटोमैक्स' में विभागीय समन्वयक विक्रम, उत्कर्ष और सनी ने प्रतिस्पर्धा को नयी ऊंचाई पर ले जाने में कोई कसर नहीं छोड़ी। विज्ञान प्रदर्शनी 'टेक-टॉय' के अंतिम दौर तक पहुंचे छात्रों ने जी जान लगा दी। निर्माण के अंतर्गत 'कॉग्निजेन्स' का आयोजन छात्रों को प्लेसमेंट हेतु संवाद करने की प्रतिभाओं को निखारने के इरादे से किया गया। इसके अलावा 'जेनेसिस कोड स्पार्कस और वार ऑफ करेंट्स' आयोजित हुए। 'साइबर क्वेस्ट' के अंतर्गत वेबस्टर, ड्राइड-रश तथा मैथ-रश के अंतिम राउंड हुए।

'मोनोपोली' के अंतर्गत 'चाणक्य

## एमएनएनआईटी

- एमएनएनआईटी में 'आविष्कार 2020' का तीसरा दिन
- क्विज 'नोसोमेनिया' में देखते बना प्रतिभागियों का उत्साह

## जारी रखें निरंतर सीखने की प्रक्रिया: मजहरी

प्रयागराज। नोटोंक्स में तीसरे दिन की शोभा बढ़ाने हेतु माइक्रोसॉफ्ट एशिया के प्रेसिडेंट और एमएनएनआईटी के पूर्व छात्र रह चुके अहमद मजहरी ने अपनी उपस्थिति दर्ज की। उन्होंने इलाहाबाद में गुजारे अपने कॉलेज के दिनों के कई किस्से सुनाते हुए कहा कि चाहे कोई किसी भी मंजिल तक पहुंच जाए, निरंतर सीखने की प्रक्रिया कभी नहीं रुकनी चाहिए। उन्होंने माना कि आने वाले समय में हर व्यवसाय, एक प्रौद्योगिकीय व्यवसाय ही होगा। उन्होंने अपने सामाजिक कर्तव्यों में बेटियों की शिक्षा के लिए अपने योगदान देने की बात कही।

नीति' और 'नेतृत्व' ने छात्रों की विश्व व्यापार संबंधी समझ का जायजा लिया। 'ओलिगोपोली' के अंतर्गत सोलो-लोबो और पिचर्स का आयोजन हुआ। जिसमें सभी वर्ष व विभागों के छात्रों ने हिस्सा लिया। सत्या और अमनजीत ने आज की विचारधारा को अपनी योग्यता के जरिये प्रस्तुत करवाया।

# आविष्कार में 'एयरोक्लब' के स्वनिर्मित यंत्र छाए रहे

अमर उजाला ब्यूरो

प्रयागराज। एमएनएनआईटी में आयोजित वार्षिक तकनीकी समारोह 'आविष्कार 2020' के दूसरे दिन 'एयरोक्लब' की ऑनलाइन प्रतिस्पर्धा आकर्षण का केंद्र रही। छात्रों की ओर से स्वनिर्मित यंत्रों की इस प्रतिस्पर्धा का नेतृत्व भुवन झांब, अनुज तिवारी और अर्चित चौधरी ने किया।

'लॉस्ट इन स्पेस' और 'गार्डियन' जैसी मनोरंजक प्रतिस्पर्धा में भी छात्रों ने काफी रुचि दिखाई। रोबोटिक्स और एयरोमॉडलिंग जैसे आयोजनों के तहत 'वंडरबॉट' एवं 'गार्जियन' से जुड़ी हैरतअंगेज गतिविधियां भी आकर्षण का केंद्र रहीं। 'पावर सर्ज' के तहत विद्युतीय बारीकियों को समझने के लिए 'पेंटाथोलोन' प्रतियोगिता का आयोजन

'टेक टॉय' में एमएनएनआईटी के साथ दूसरे कॉलेजों, स्कूलों के छात्रों ने भी की भागीदारी

किया गया। अनुज मोदी, गौरव कटारे एवं अर्श सिंह के नेतृत्व 'साइबरक्वेस्ट' के आयोजन को सभी ने सराहा। इसी वर्ष शामिल किए गए 'टेक टॉय' इवेंट में न सिर्फ एमएनएनआईटी, बल्कि दूसरे कॉलेजों एवं स्कूलों के विद्यार्थियों ने भी बढ़चढ़कर हिस्सा लिया। नोशोमेनिआ के तहत पॉप कल्चर क्विज का आयोजन भी किया गया। 'आविष्कार-2020' के तहत दूसरे दिन हुए कार्यक्रम में नेक्सस ऑफ गुड फाउंडेशन के अध्यक्ष एवं भारत सरकार के पूर्व सचिव अनिल स्वरूप ने भी अपनी उपस्थिति दर्ज कराई।



एमएनएनआईटी में 'आविष्कार 2020' का समापन, क्रीडोमेनिटा के ऑनलाइन गेम्स के मुरीट दिखे छात्र

# अनिकेत मिस्टर एवं गुनगुन मिस आविष्कार

## तकनीकी उत्सव

प्रयागराज | मिल खबरदार

मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान (एमएनएनआईटी) में चार दिनों तक चले तकनीकी उत्सव आविष्कार 2020 मंगलवार को पूरे रंग में था। चौथे एवं अंतिम दिन जिस बीजे ने सभी का ध्यान खींचा वो था स्टील मार्ट था। इसके ऑनलाइन संस्करण में छात्रों को अपने स्टाल्स का प्रदर्शन करते हुए इंस्टाग्राम पेज बनाकर कई फिल्मों के बारे में जानकारी दी। तीन दिनों के आयोजन के बाद मोटीबस का अंतिम दिन



उत्सव एवं उत्सव की कहानी कह रहा था।

### समारोह में केमिकल:

इंजीनियरिंग द्वितीय वर्ष के अनिकेत कुशवाहा को मिस्टर आविष्कार और बायोटेक्नोलॉजी द्वितीय वर्ष की गुनगुन अग्रवाल को मिस आविष्कार चुना गया। गुनगुन ने गैटल डीमा, फ्लसटोन और जैटोमेन्टा ड्राइविंग पैरेज में प्रथम पुरस्कार जीता।

जबकि, अनिकेत ने विमुक्तनोन, केमबू और फिजिऑसिटी में प्रथम तो केमाथलिन में द्वितीय तथा कंटेस-ई-एम्बोल में तृतीय पुरस्कार जीता।

बकल के तौर पर पद्मिनी एवं रमन मैगसेसे अवार्ड से सम्मानित लोक बिरादरी प्रकल्प के समाज सेवक डॉ. प्रकाश बाबा आम्टे ने कार्यक्रम का गौरव बढ़ाया। इंजी भाई उपनाथ से प्रसिद्ध बट्टी चरण ने अपने चिरचरित अंदाज में छात्रों को दिल खोलकर हंसने पर मजबूर कर दिया। ईमानदार शर्मा किरदार से नाम कमाने वाले सतीश ने भी हंसाने में कोई कसर नहीं छोड़ी।

मेसेमेनिटा के अंतर्गत इंडिया क्विज में देशभर की टीमों ने हिस्सा

लिया। क्रीडोमेनिटा के अंतर्गत ऑनलाइन गेम्स में छात्रों ने बहुत रुचि दिखाई। साइबर क्वेस्ट के अंतर्गत टेक-मेडेन, रिवेंज और कोड-वारियर्स के अंतिम दौर का आयोजन किया गया।

साइबोकेसिम द्वारा आयोजित साइबर-सैरिज में छात्रों ने बटु-चंद्रकर हिस्सा लिया। निर्माण के अंतर्गत मिर्किज ने भी छात्रों का भरपूर मनोरंजन किया। प्रीटिफाईड हाईविपर के अंतर्गत छात्रों ने अपने-अपने पॉपोजनाओं का सुंदर प्रस्तुतिकरण किया। समापन अवसर पर आविष्कार 2020 के श्रेष्ठ विजेताओं को सम्मानित किया गया।

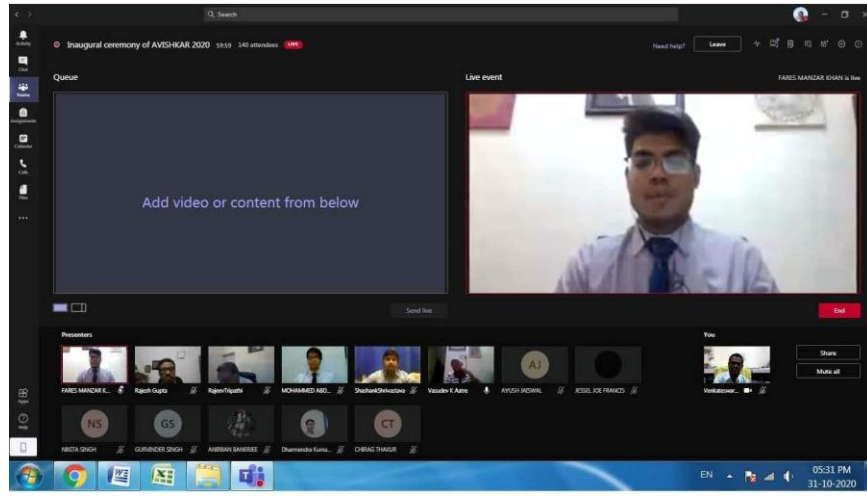
## एमएनएनआईटी में अनिकेत मिस्टर और गुंजन मिस आविष्कार चुने गए

प्रयागराज। मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान का तकनीकी उत्सव आविष्कार वैज्ञानिक एवं तकनीकी उत्कृष्टताओं के साथ मंगलवार को संपन्न हो गया। चार दिन तक चले उत्सव के अंतिम दिन बीटेक अंतिम वर्ष अनिकेत कुशवाहा एवं गुंजन अग्रवाल को क्रमशः मिस्टर एवं मिस आविष्कार चुना गया। आविष्कार में अंतिम दिन साइबर क्वेस्ट के तहत टेक-मेडेन,



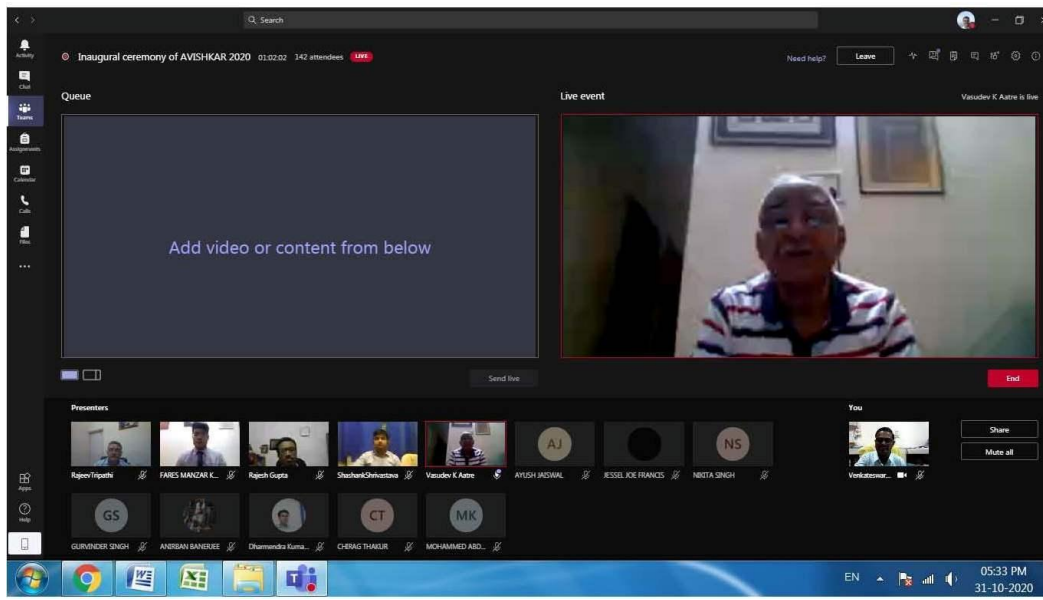
रिवेंज और कोड-वारियर्स के अंतिम दौर का आयोजन किया गया। आविष्कार में अंतिम दिन रमन मैगसेसे से सम्मानित बाबा आम्टे ने छात्रों से संवाद किया।

# Inauguration Ceremony



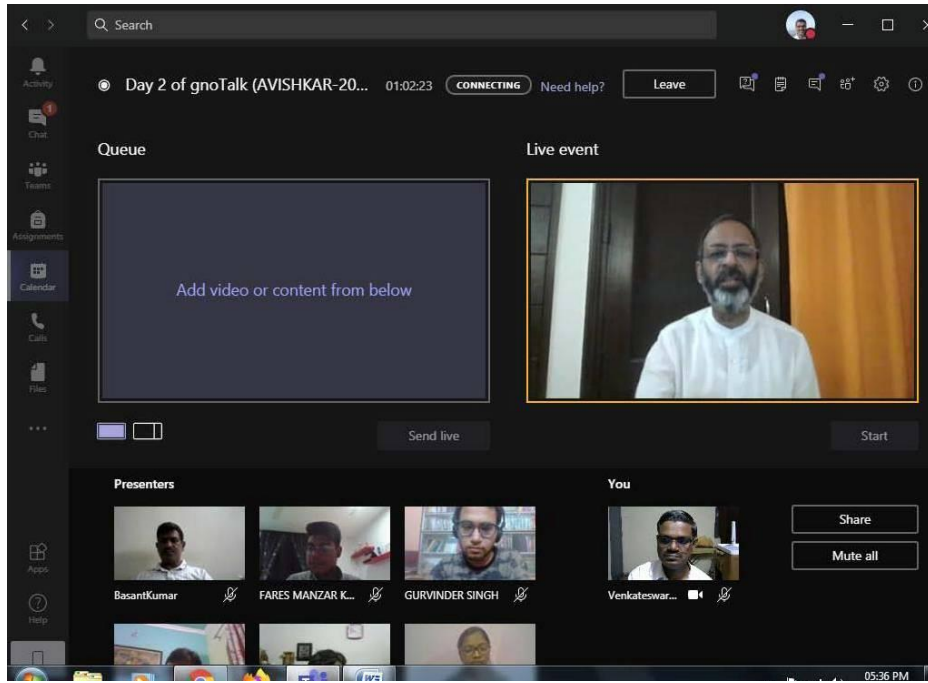


## gnoTalks

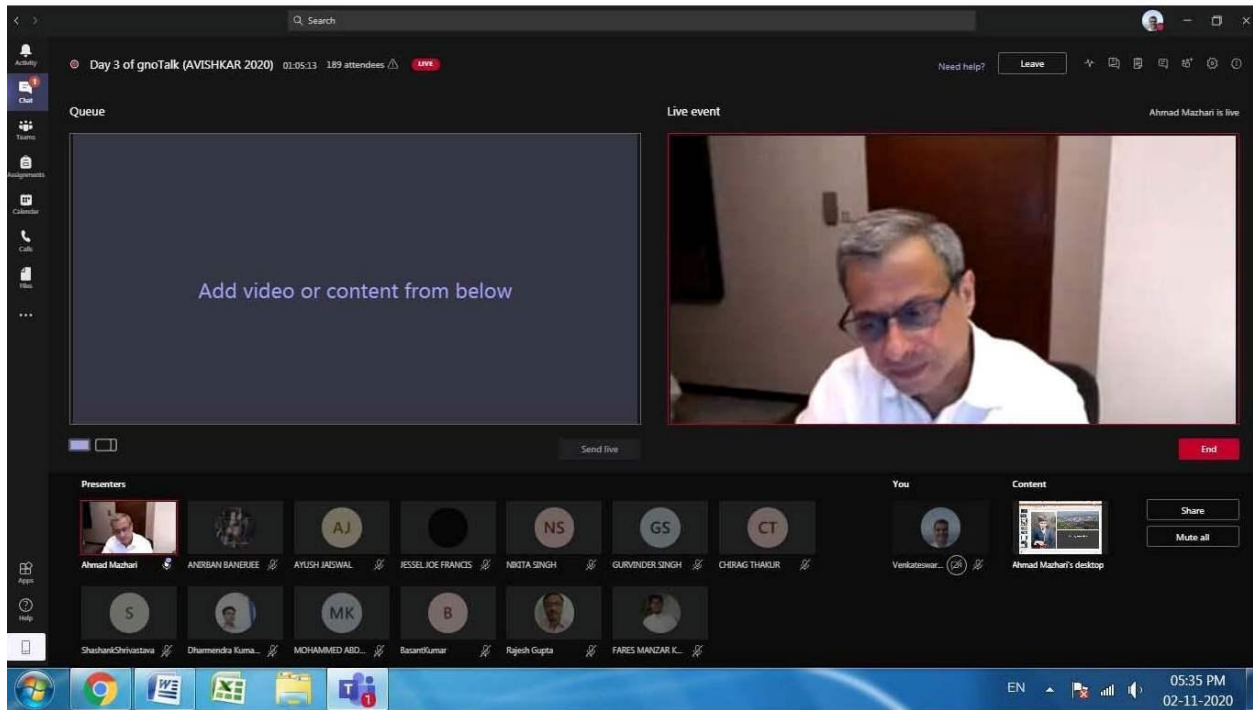


## gnoTalks by Padma Vibhushan Dr. Vasudev K. Aatre

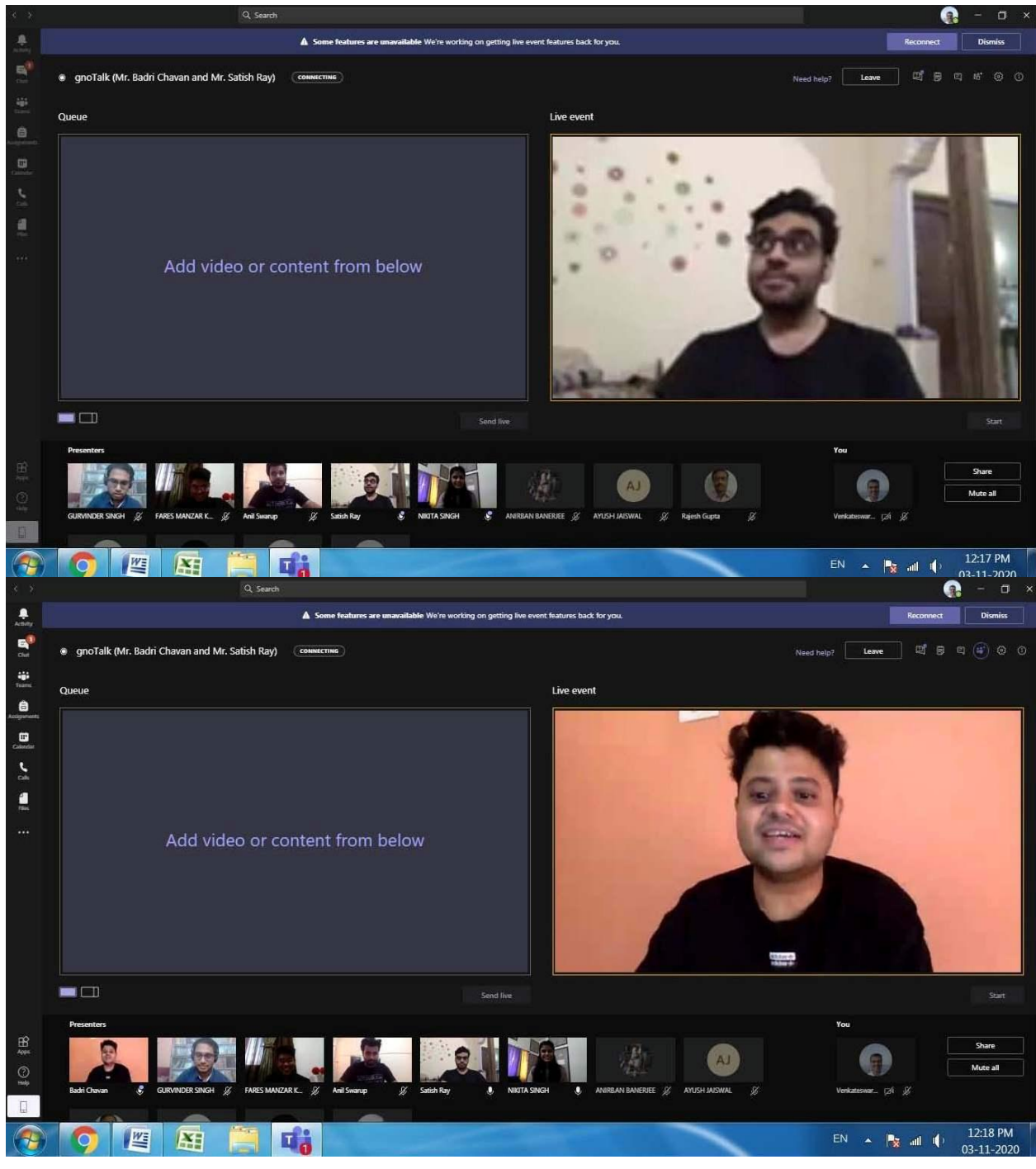




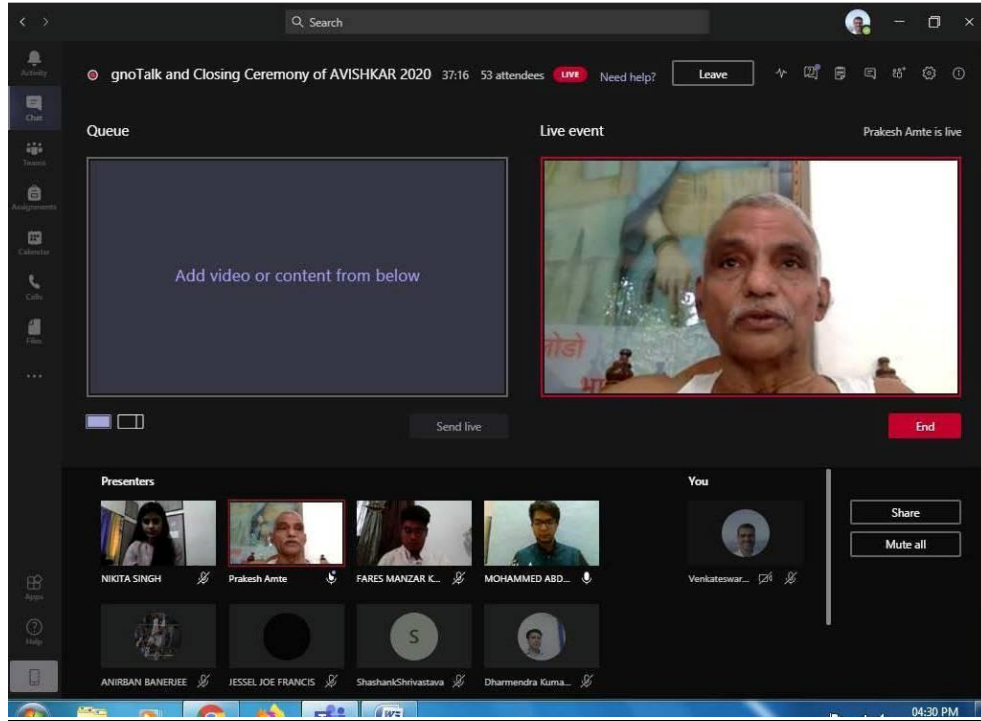
**gnoTalks by Shri. Anil Swarup on 01/11/2020**



**gnoTalks by Shri. Ahmed Mazhari on 02/11/2020**

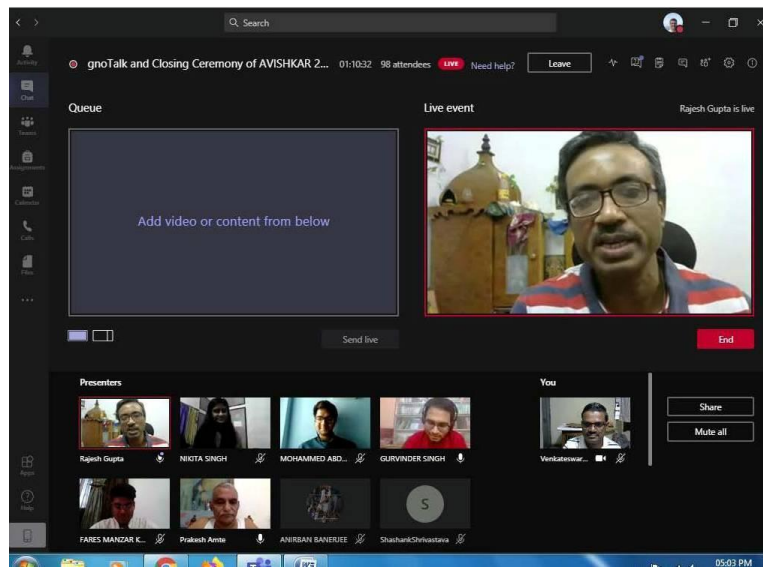


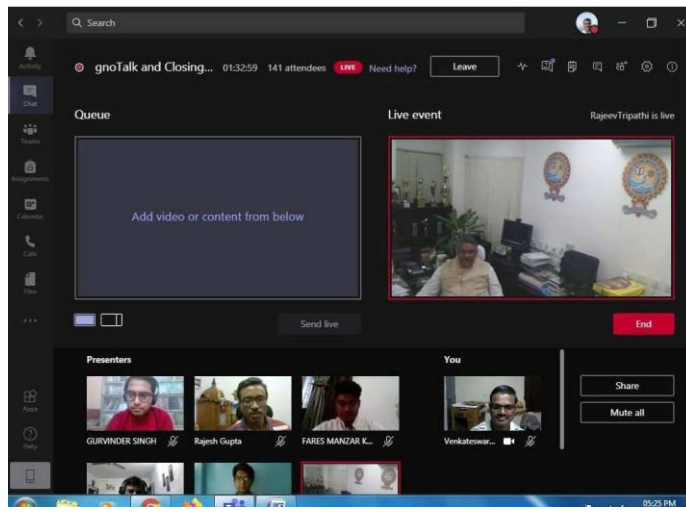
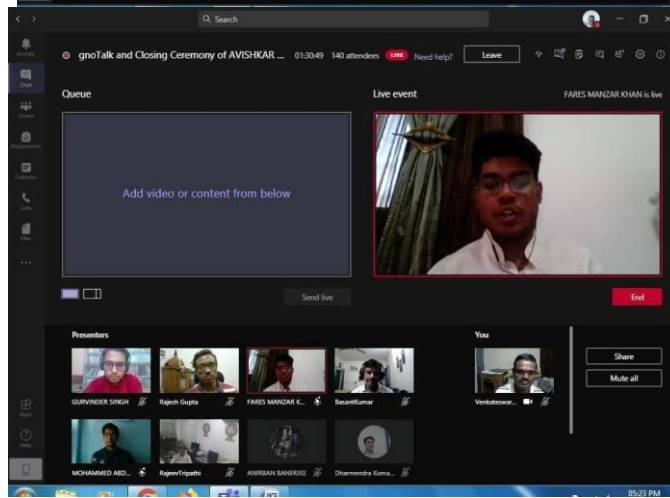
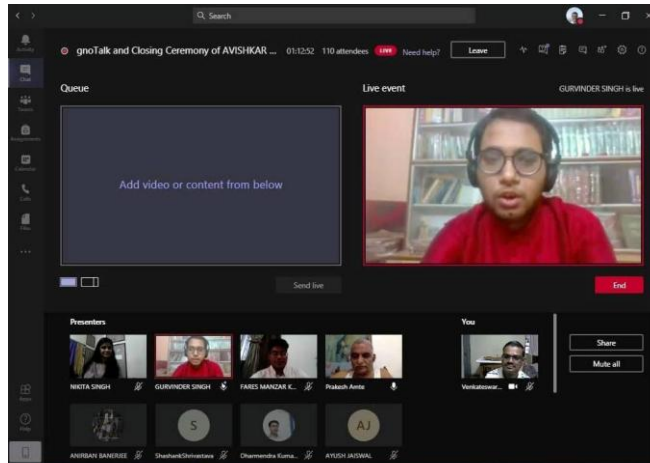
**gnoTalks and performance of Mr. Badri Chavan and Mr. Satish Ray**



**gnoTalks by Dr. Prakash Amte on 03/11/2020**

## **Closing Ceremony**





Search

gnoTalk and Closing... 01:46:17 159 attendees **LIVE** Need help? Leave

Queue

Live event MOHAMMED ABDUL KHADAR is live

Add video or content from below

Send live End

Presenters

You

ShashankShrivastava GURVINDER SINGH Rajesh Gupta Venkateswar...

Share Mute all

Search

gnoTalk and Closing... 01:51:33 155 attendees **LIVE** Need help? Leave

Queue

Live event BasantKumar is live

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Send live End

Presenters

You

Rajesh Gupta ShashankShrivastava GURVINDER SINGH Venkateswar...

Share Mute all

05:44 PM

## Annexure-D

(Students coordination committee)

Position of Responsibility	Name	Registration Number
Festival Secretary	Ankit Kumar Tripathi	20179049
	Anirban Banerjee	201795021
	Ayush Jaiswal	20174068
	Siddhi Mahawar	20174176
Gnosiomania Lead	Fares Manzar Khan	20175079
Gnosiomania Associate	Chirag Thakur	20174090
	Gurvinder Singh	20174036
PR Lead	Mohammed Abdul Khadar	20178057
	Satyam Savita	20178007
MHM Lead	A.N.S. Krishna	20178018
Design Lead	Chitransh Nigam	20174031
Tech Team	Sahaj Bamba	20174038
	Abhishek Kumar	2017
	Nimesh Maheshwari	20174046
	Prashant Shakya	20174071
	Mohit Bansal	20174103
Cyberquest Departmental Coordinators	Anuj Modi	20174047
	Arsh Singh	20178013

	Gaurav Katare	20178011
Cyberquest Event Coordinators	Shashank Sharma	20174153
	Kunal Anand	20174144
	Anzum Bano	20178075
	Abhishek Kumar	20178092
	Keshav	20174173
	Ashish Kumar	20178012
	Vivek Rathi	20174007
	Prakhar Kulshrestha	20174020
	Sudhanshu Kumar	20174110
	Gaurav Kumar	20174060
	Shrey Pandey	20174080
	Suraj Goel	20174005
	Shashwat Pandey	20174040
	Kunal Sevkani	20174034
	Harshit Agarwall	20174052
	Shubham Damani	20174056
	Nitin Doodhiya	20174048
Tanisha Kumbhakar	20175007	

	Mohit Dogra	20175086
	Sanskar Garg	20174023
	Arpit Yadav	20174111
	Harsh Chaturvedi	20174088
	Manas Uniyal	20178034
	Rituparno Biswas	20178079
	A N Sai Krishna	20178018
	Aman Sharma	20178051
	Nitish Gupta	20178056
	Sahaj Bamba	20174038
	Prabhnoor Singh Saluja	20174177
	Chitransh	20174031
	Mredul Jain	20174043
	Aatmin Pankaj Chavda	20174094
	Anshul Singh	20174026
	Prashant Shakya	20174071
	Gaurav Shukla	20175041
	Nimesh Maheshwari	20174046
	Mohit Bansal	20174103



	Shikha Singh	20174082
	Siddhi Mahawar	20174176
	Saraswati Kumari	20178077
Electromania Departmental Coordinators	Ashwini kumar	20175008
	Rohit raj anand	20175139
Electromania Event Coordinators	Amisha Agarwal	20175043
	Anupa Saahu	20175098
	Vatsal Grover	20175119
	Ashwini Kumar	20175008
	Rohit Raj Anand	20175139
	Nikhil Pankaj Agrawal	20175128
	Mohit Dogra	20175086
	Adityan Srivastava	20175019
	Varun Sharma	20175123
	Siddharth Suman	20175143
	Vikas Jangid	20175129
	Abhishek Kumar Singh	20175047
	Astitva Srivastav	20175017
Prateek Anand	20175117	

PowerSurge Departmental Coordinator	Aditya Pandey	20172049
PowerSurge Event Coordinator	Sachin Kumar	20172023
	Gaurav Kumar Upadhyay	20172055
	Rahul Kesaravane	20172054
	Ayush Srivastava	20172039
	Anchal Sengar	20172034
	Aditya Pandey	20172049
	Kalpana	20172035
	Ajeet Kumar Bhardwaj	20172070
	Bicky Kumar	20172083
	Jyotirmay Mishra	20172006
	Saurabh Mishra	20172026
	Ayush Soni	20173101
	Atul Rai	20172002
	Ayush Sharma	20172018
	Ashish Kumar	20172082
Rasayans Departmental Coordinator	Saurabh Verma	20179007
	Nitesh	20179013
	Shivam garg	20179018

Rasayans Event Coordinator	Alok Jaiswal	20179045
	Yogen Sood	20179002
	Manas Sharma	20179005
	Jigesha Yadav	20179030
	Aadisha Singh	20179004
	Nishanth Pandey	20179012
	Vijay Kumar Shukla	20179043
	Shubham Mishra	20179034
	Krishna Raj Singh Hazari	20179044
	Parikshit Pandey	20179019
	Branzil	20179009
	Saumya Somra	20179008
	Shivam sharma	20179014
	Tushar mittal	20179017
Anshika Srivastava	20179047	
Oligopoly Departmental Coordinator	Satya Brot Sen	2019MB35
	Amanjeet Kaur	2019MB40
	Preeti Kumari	2019MB30
	Shikhar Agarwal	2019MB31

Oligopoly Event Coordinator	Amanjeet Kaur	2019MB40
	Saurabh Chandra	2019MB18
	Preeti Kumari	2019MB30
	Anil Kumar Poddar	2019MB26
	Vyakhya Srivashtava	2019MB14
	Satya Brot Sen	2019MB35
	Saurabh Chandra	2019MB18
	Anil Kumar Poddar	2019MB26
Monopoly Departmental Coordinator	Satya Brot Sen	2019MB35
	Amanjeet Kaur	2019MB40
Monopoly Event Coordinator	Shikhar Agarwal	2019MB31
	Naman Shukla	2019MB34
	Naman Shukla	2019MB34
	Saurav Mishra	2019MB12
	Saurav Mishra	2019MB12
	Preeti Kumari	2019MB30
	Shikhar Agarwal	2019MB31
	Vyakhya Srivastava	2019MB14
	Satya Brot Sen	2019MB35

	Naman Shukla	2019MB34
Mechrocosm Departmental Coordinator	Vikram Pratap Singh	20173117
	Sunny Gupta	20176028
	Utkarsh Sharma	20173038
Mechrocosm Event Coordinator	Harshit Singh	20172003
	Ayush Agarwal	20173034
	Atul Pandey	20173098
	Krishna kumar singh	20173099
	Jayant Kumar Gupta	20173048
	Ahmad Yusuf	20173035
	Aman Jhawar	20173040
	Vikram Pratap Singh	20173117
	Shantanu Singh	20176002
	Aman Yadav	20176015
	Sunny Gupta	20176028
	Shishir	20173002
	Abhishek Pandey	20173030
Nirmaan Departmental Coordinator	AKSHAT JAIN	20171031
	Dikshant Singh	20171018

Nirmaan Event Coordinator	Anitya Sagar	20171008
	Jagriti Agrawal	20171070
	Manmeet Singh	20171033
	Abhijay Shukla	20171026
	Anubhav Pathak	20171069
	Pulkit Garg	20171045
	Mukesh kumar Mukul	20171046
	Rahul Kumar	20171098
	Ayush Kumar Singh	20171025
	Harleen Kaur	20170012
	Arunabh Srivastava	20171075
	Aishwarya Rai	20171027
	Himalay naik	20171020
	Vimal kumar	20171042
	Ankit Kumar Tripathi	20179049
	Hrithik Bhardwaj	20171060
	Sushantika Singh	20171028
	Akshat Jain	20171031
Ashish rana	20171064	

	Prashant giri	20171079
	Abhishek Kumar	20171050
Robomania Departmental Coordinator	Anuj Tiwari	20176032
	Bhuvan Jhamb	20174009
	Apoorva Dinesh Singh	20174165
Robomania Event Coordinator	Ayush Agarwal	20175064
	Anuj Tiwari	20176032
	Bhuvan Jhamb	20174009
	Apoorva Dinesh Singh	20174165
Aerodynamix Departmental Coordinator	Archit Chaudhary	20173053
	Abhishek Gautam	20173012
	Rakesh Ram	20176046
Aerodynamix Event Coordinator	Abhishek Gautam	20173012
	Ayan Kishore Lal Santania	20173017
	Archit Chaudhary	20173053
	Bhuvan Jhamb	20174009
	Keshari Nath Tiwari	
	Apoorva Dinesh Singh	20174165
	Kumar Ardhya Arun	20174014

Genesis Departmental Coordinator	Gautam Suresh Moon	20170002
Genesis Event Coordinator	Ankit Kumar	20170041
	Shruti Jain	20170001
	Saumya Mishra	20170010
	Nimisha Gupta	20170003
Kreedomania Departmental Coordinator	Vivek Singh	20175035
	Chitransh Nigam	20174031
Kreedomania Event Coordinator	Vivek Singh	20175035
	Sahil Patel	20175029
	Shivendu Shishir	20174029
	Chitransh Nigam	20174031
	Lakshay Agarwal	20178090
	A.N.S. Krishna	20178018
	Samyak Jain	20174021
Science Exhibition Departmental Coordinator	Chandrama Patel	20173130
	Akshat Agrawal	20173059
	Ajay Patidar	20173088
	Ankit Kumar Tripathi	20179049