

MANJARA CHARITABLE TRUST
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI
(Permanently Affiliated to University of Mumbai)
DEPARTMENT OF MECHANICAL ENGINEERING
(NBA- Accredited UG Program)



AERORGIT REPORT JULY 2021- APRIL 2022

The purpose of AeroRGIT, the SAE student chapter at Rajiv Gandhi Institute of Technology, is to enhance the knowledge base of its members who are Aeromodelling enthusiasts and to provide to its members access to SAE International programs and services globally, enabling them to practice world class standards in productivity and quality.

SAE International is a professional organization with over 138,000 members globally. Aside from its standardization efforts, SAE International also devotes resources to projects and programs in STEM education, professional certification, and collegiate design competitions.

SAEINDIA is a membership organization founded in 1994 and in 2003 SAEINDIA became an affiliate of SAE International. Today, the President of SAEINDIA is Dr. R.K. Malhotra and has a membership count of more than 40,000 members around India.

Website SAE INTERNATIONAL: <http://www.sae.org>

Website SAEINDIA: <http://www.saeindia.org>

Faculty Advisor for AeroRGIT: **Dr. RAJESH V. KALE**



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LIST OF EVENTS AND WORKSHOPS CONDUCTED BY AERORGIT

| SR NO. | EVENT NAME | DATE | SPEAKER/ANCHOR |
|--------|--|-------------------------|----------------------|
| 1 | Computational Fluid Dynamics Workshop | 10.07.2021 & 11.07.2021 | Mr. Rehan Ansari |
| 2 | Crack the career code Webinar on MBA by IMS | 21.08.2021 | Mr. Dhaval Kunte |
| 3 | IID Webinar on Drones | 04.09.2021 | Mr. Rakesh Rai |
| 4 | World space week | 04.10.2021 to 10.10.21 | - |
| 4.1 | Space week Day 1 (Space Talk) | 04.10.2021 | Ms. Shweta Kulkarni |
| 4.2 | Space week Day 2 (Space Quiz Competition) | 05.10.2021 | Members of AeroRGIT |
| 4.3 | Space week Day 3 (Treasure Hunt) | 06.10.2021 | Members of AeroRGIT |
| 4.4 | Space week Day 4 (Astrophotography) | 07.10.2021 | Members of AeroRGIT |
| 4.5 | Space week Day 5 (Essay Competition) | 08.10.2021 | Members of AeroRGIT |
| 4.6 | Space week Day 6 (Space Talk) | 09.10.2021 | Mr. Siddharth Pandey |
| 4.7 | Space week Day 7 (Poster Making Competition) | 10.10.2021 | Members of AeroRGIT |

COMPETITION

| COMPETITION NAME | DATE |
|--|---|
| SAE Aero-Design East Challenge 2022, Micro class | 20 th – 22 nd May, 2022 |

COMPUTATIONAL FLUID DYNAMICS (CFD)WORKSHOP

Speaker: Mr. Rehan Ansari



1. Simulation of flow through an open pipe with elbow joint.
2. Steady state simulation of flow over an airfoil.
3. Flow simulation through a convergent- divergent nozzle.
4. Aerodynamic analysis of Tesla Cybertruck.



DAY 1:

Speaker explained about Finite Element Simulations since it is a part of CFD.

Some key points that were explained:

- Basic terminologies like Domain, Discretization, and Mesh.
- Basics of finite element simulations: based on 3 simple steps Pre-processing, Solving, and Post-processing.
- Application of CFD.
- Difference between FEA, and CFD.
- Software used for CFD: ANSYS Fluent, and SimScale.

DAY 2:

The next day he explained few simulation processes which are as follows:

- Simulation of flow through an open pipe with elbow joint
- Steady state simulation of flow over an airfoil
- Flow simulation through a convergent- divergent nozzle
- Aerodynamic analysis of Tesla Cybertruck.

The speaker cleared all the doubts from the participants. The session was then concluded with a vote of thanks from AeroRGIT committee.

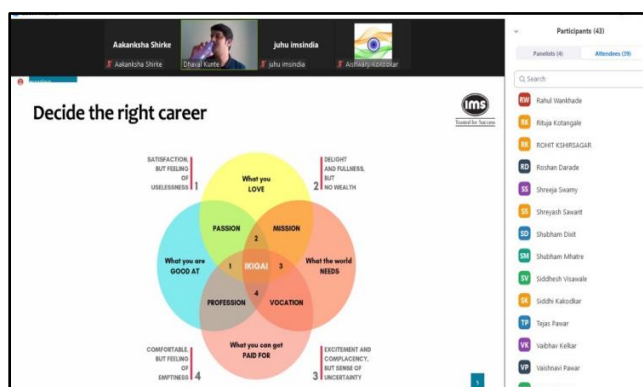
| | Participants List | |
|-----------|--------------------------|-------------------------|
| SN | Name | College Name |
| 1 | Aakanksha Shirke | RGIT |
| 2 | Aditya Salunkhe | RGIT |
| 3 | Rehan Ansari | RGIT |
| 4 | Shubham Dixit | RGIT |
| 5 | Vinayak Ingavle | RGIT |
| 6 | Aditya Wavale | RGIT |
| 7 | Siddhesh Deshmukh | RGIT |
| 8 | Vaibhav Kelkar | RGIT |
| 9 | Prathamesh Parab | RGIT |
| 10 | Aishwary Kakodkar | RGIT |
| 11 | Aditya Sah | RGIT |
| 12 | Shalom Lopes | RGIT |
| 13 | Samuel D'silva | SFIT |
| 14 | Sahil Khatri | RGIT |
| 15 | Manas Darji | RGIT |
| 16 | Pratik Kadam | RGIT |
| 17 | Amey Mistry | RGIT |
| 18 | Aakash | RGIT |
| 19 | Prapti Salaskar | RGIT |
| 20 | Aryan Bhalerao | RGIT |
| 21 | Muzzammil Ahmad | RGIT |
| 22 | Dhanashree | Pillai, Navi Mumbai |
| 23 | Rajratan Kumar | Datta Meghe,Navi mumbai |
| 24 | Nikhil Thosar | RGIT |
| 25 | Anish Sandaya | RGIT |
| 26 | Rahul Wankhade | RGIT |
| 27 | Bhavna Kolkar | RGIT |
| 28 | Prity Nath | RGIT |

| | | |
|----|------------------|-----------------|
| 29 | Padeep Saroj | RGIT |
| 30 | Vedant Vernekar | RGIT |
| 31 | Pranay Pawar | RGIT |
| 32 | Akshay Kunder | RGIT |
| 33 | Prithvi J Kakade | RGIT |
| 34 | Savio Pullkotil | Viva,Thane |
| 35 | Abhishek Dhormal | Ex-VJTI,mumbai |
| 36 | Tejas Pawar | RGIT |
| 37 | Vaibhavi Mestry | Atharva, mumbai |
| 38 | Sanmit Pandey | RGIT |

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CRACK THE CAREER CODE
WEBINAR ON PURSUING MBA BY IMS

Date: 21st August 2021
Time: 4:00 PM - 5:30 PM
Platform: Zoom Meetings
Speaker: Mr. Dhaval Kunte



An informative webinar focused on guiding students aspiring MBA after graduation was organized by AeroRGIT, on 21st August 2021 at 4:00 PM in collaboration with IMS Education, Mumbai. The session started with an introductory speech by Ms. Aakanksha Shirke, where she introduced the committee and its activities. As the webinar commenced, the speaker, Mr. Dhaval Kunte, introduced himself and explained the importance of pursuing an MBA. The four major reasons to pursue MBA were discussed in depth. Further, the speaker discussed the perfect time to begin preparations after graduation and showed a best-case scenario with a pictorial representation.

A quick overview of CAT and other entrance exams for MBA with their preparation process and timeline was given. The speaker provided some great advice to the students on how to tackle the exam and achieve a good rank. Top MBA institutes were also mentioned. In the end, a doubt session was held where the speaker cleared queries of all the students. Then the webinar was concluded with a vote of thanks and regards from the committee.

| | Participants List | |
|-----------|---------------------------|---------------------|
| SN | Name | College Name |
| 1 | Aaditya Masane | RGIT |
| 2 | Aakanksha Shirke | RGIT |
| 3 | Aakash Maruti Gonde | RGIT |
| 4 | Abhijit Mestri | RGIT |
| 5 | Abhishek Anil Manwatkar | RGIT |
| 6 | Aditya Bhaskar Gawade | RGIT |
| 7 | Aditya Gaonkar | RGIT |
| 8 | Aditya Salunkhe | RGIT |
| 9 | Aditya Wavale | RGIT |
| 10 | Aishwary Kakodkar | RGIT |
| 11 | AMEY JEETENDRA MESTRY | RGIT |
| 12 | Aniket Kadam | RGIT |
| 13 | Anish Arun Sandaye | SFIT |
| 14 | Anjali Dave | RGIT |
| 15 | Anurag Shelatkar | RGIT |
| 16 | Anushka Raval | RGIT |
| 17 | Ayushi Singh | RGIT |
| 18 | Bhagyashree K | RGIT |
| 19 | Bhakti pandharinath sutar | RGIT |
| 20 | Devesh Narkhede | RGIT |
| 21 | Dhiraj Jadhav | RGIT |
| 22 | Dhruv Mhatre | RGIT |
| 23 | Drishti Samvedi | RGIT |
| 24 | Gaurang Rathore | RGIT |
| 25 | Geetanjali Kolekar | RGIT |
| 26 | Hitesh Reddy | RGIT |
| 27 | Ishita Kale | RGIT |
| 28 | Jay Satpute | RGIT |

| | | |
|----|------------------------------|------|
| 29 | Kailash Waghmare | RGIT |
| 30 | Krushnakant Nalat | RGIT |
| 31 | Mahek Sarguru | RGIT |
| 32 | Manas Darji | RGIT |
| 33 | Manav Daggula | RGIT |
| 34 | Mangesh Panchal | RGIT |
| 35 | Mayuri Ghadigaonkar | RGIT |
| 36 | Meet Parag Bhawe | RGIT |
| 37 | Nikhil Thosar | RGIT |
| 38 | Nirgun Pawar | RGIT |
| 39 | Parag Prakash Choukekar | RGIT |
| 40 | Prajwal Shetty | RGIT |
| 41 | Pranay Pawar | RGIT |
| 42 | Pranyaboth Kotangale | RGIT |
| 43 | Prathamesh Parab | RGIT |
| 44 | Prathamesh Tushar Talavdekar | RGIT |
| 45 | PRATIK INDERKUMAR DAVE | RGIT |
| 46 | Prity Nath | RGIT |
| 47 | Radhika Shetty | RGIT |
| 48 | Rafi Jalgaonkar | RGIT |
| 49 | Rahul Kakade | RGIT |
| 50 | Rahul Wankhade | RGIT |
| 51 | Rajratna Ravindra Kuwar | RGIT |
| 52 | Rishab Maurya | RGIT |
| 53 | Rituja Kotangale | RGIT |
| 54 | Rohit Yeole | RGIT |
| 55 | Romil Parmar | RGIT |
| 56 | Sagar Raut | RGIT |
| 57 | Sahil khatri | RGIT |
| 58 | Saloni Choudhary | RGIT |
| 59 | Samyak puthran | RGIT |

| | | |
|----|----------------------|------|
| 60 | Satwika Pantagani | RGIT |
| 61 | Shifa Shaikh | RGIT |
| 62 | Shreya Avjekar | RGIT |
| 63 | Shreyash Salian | RGIT |
| 64 | Shreyash Sawant | RGIT |
| 65 | Shubham Deepak Dixit | RGIT |
| 66 | Siddhesh Deshmukh | RGIT |
| 67 | Siddhi Bhosale | RGIT |
| 68 | Singh Abhishek Bipin | RGIT |
| 69 | Suyash khot | RGIT |
| 70 | Swagat Das | RGIT |
| 71 | Tanmay Masurkar | RGIT |
| 72 | Tanmay Shinde | RGIT |
| 73 | Tejas Pawar | RGIT |
| 74 | Vaibhav Kelkar | RGIT |
| 75 | Vaibhav Sanap | RGIT |
| 76 | Vaishnavi Mishra | RGIT |
| 77 | Vartika Saxena | RGIT |
| 78 | Vedant Vernekar | RGIT |
| 79 | Vinayak Ingavle | RGIT |
| 80 | Vineet Agarwal | RGIT |
| 81 | Viraj Parab | RGIT |
| 82 | Yash Karanjavkar | RGIT |
| 83 | Yash Mahajan | RGIT |

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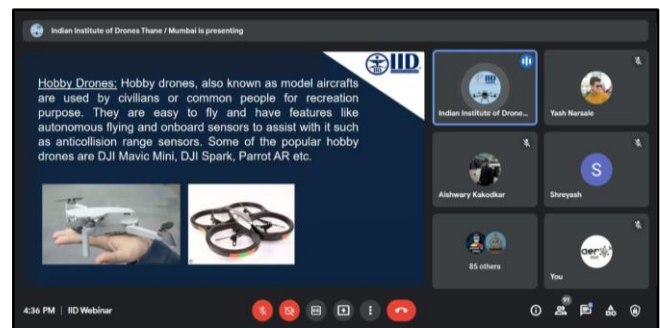
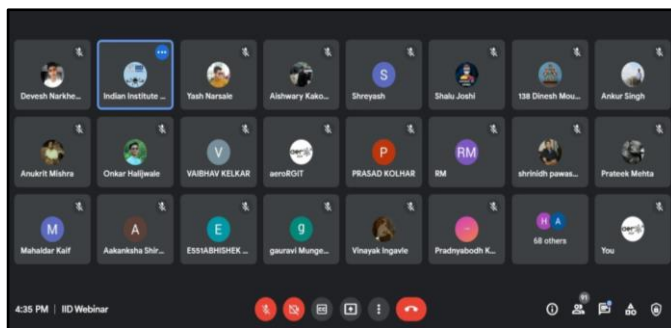
IID WEBINAR ON DRONES

Date: 4th September 2021

Time: 04:00 PM - 06:00 PM

Platform: Google Meet

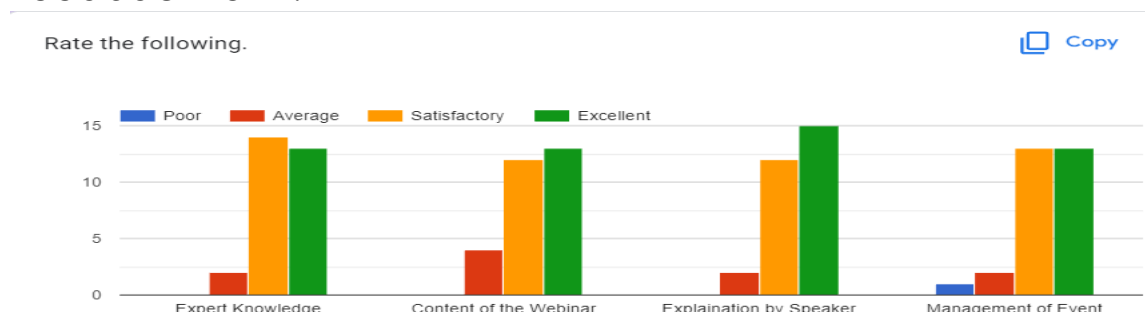
Speakers: Mr. Rakesh Rai



An illuminating webinar focused on drone technology was organized by AeroRGIT, on 4th September 2021 at 4pm in collaboration with IID. The session started with the introductory speech by Mr. Nikhil Thosar, where he introduced the committee and its activities.

As the webinar commenced, the host, Mr. Rakesh Rai introduced himself and explained the agenda about the importance of drones nowadays. The Speaker also asked the participants about when was the first time, they heard about the term drone and there was huge response by participants. The speaker explained about types of UAV's, their uses and the various purposes of drones in military field like surveying, mapping, patrolling, and many more. He then introduced the wireless communication and its various types. A Q&A session was held where all queries of the attendees were cleared. The session concluded with a vote of thanks and regards from the committee.

- **Feedback-form:**



| | Participants List | |
|-----------|--------------------------|---------------------|
| SN | Name | College Name |
| 1 | Aakanksha Shirke | RGIT |
| 2 | Aditya Salunkhe | RGIT |
| 3 | Rehan Ansari | RGIT |
| 4 | Shubham Dixit | RGIT |
| 5 | Vinayak Ingavle | RGIT |
| 6 | Aditya Wavale | RGIT |
| 7 | Siddhesh Deshmukh | RGIT |
| 8 | Vaibhav Kelkar | RGIT |
| 9 | Prathamesh Parab | RGIT |
| 10 | Aishwary Kakodkar | RGIT |
| 11 | Aditya Sah | RGIT |
| 12 | Shalom Lopes | RGIT |
| 13 | Samuel D'silva | SFIT |
| 14 | Sahil Khatri | RGIT |
| 15 | Manas Darji | RGIT |
| 16 | Pratik Kadam | RGIT |
| 17 | Amey Mistry | RGIT |
| 18 | Aakash | RGIT |
| 19 | Prapti Salaskar | RGIT |
| 20 | Aryan Bhalerao | RGIT |
| 21 | Muzzammil Ahmad | RGIT |
| 22 | Dhanashree | RGIT |
| 23 | Rajratan Kumar | RGIT |
| 24 | Nikhil Thosar | RGIT |
| 25 | Anish Sandaya | RGIT |
| 26 | Rahul Wankhade | RGIT |
| 27 | Bhavna Kolkar | RGIT |

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WORLD SPACE WEEK

DAY 1: SPACE TALK

DATE: 4th October 2021

TIME: 5:00 PM - 6:00 PM

PLATFORM: Google Meet

SPEAKER: Ms. Shweta Kulkarni (Director of Astronera)



World Space Week is an international celebration of science and technology, and their contribution to the betterment of the human condition. The United Nations General Assembly declared in 1999 that World Space Week will be held each year from 4th to 10th of October.

On day 1, a webinar was conducted by Astronera in collaboration with AeroRGIT, this webinar commenced the beginning of the space week (4th Oct -10th Oct). The session kick started with an introduction speech by Mr. Rohan Rathod, wherein he highlighted AeroRGIT committee and its achievements and also acquainted the participants with the speaker for the session, Ms. Shweta Kulkarni. The speaker began by sharing their personal journey right from 3-4 years of age till present time. The dominant focus of the session was on role of women in astronomy. There have been many prominent women scientists and astronomers who have contributed immensely in what we know about space, stars, and planets.

There were various questions from the students such as, scope of science communicator in India, what is dark matter, and much more about Astronera. The webinar was concluded with a vote of thanks and regards from the committee.

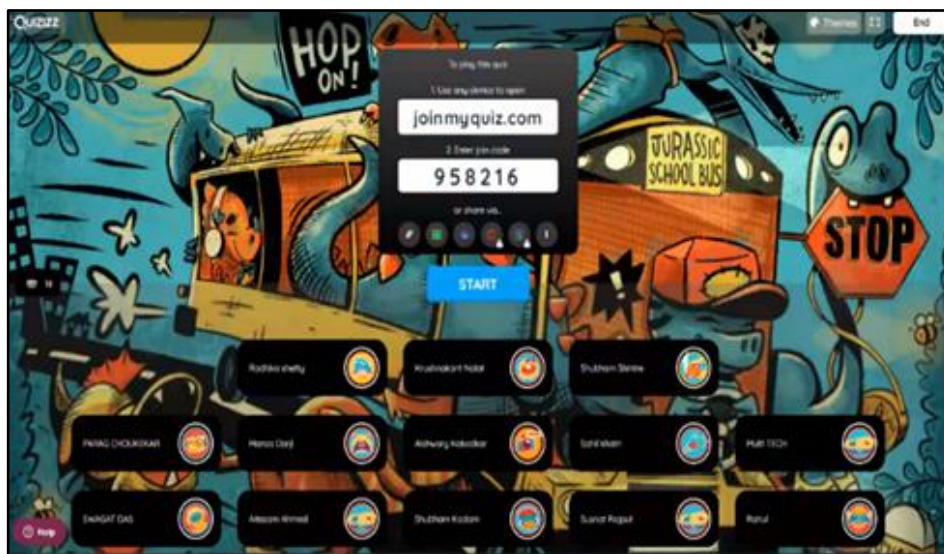
| Sr No. | Participants Name |
|---------------|--------------------------|
| 1 | Shubham Dixit |
| 2 | Aditya Wavale |
| 3 | Prathmesh Parab |
| 4 | Vaibhav Kelkar |
| 5 | Nikhil Thosar |
| 6 | Siddhesh Deshmukh |
| 7 | Aakansha Shirke |
| 8 | Aditya Salunkhe |
| 9 | Pranay Pawar |
| 10 | Mayuri Gadigoankar |
| 11 | Rahul Wankhede |
| 12 | Abhishek Singh |
| 13 | Abhishek Manwatkar |
| 14 | Manas Darji |
| 15 | Aditya Sah |
| 16 | Aishwary Kakodekar |
| 17 | Yash Mestry |
| 18 | Anish Sandaye |
| 19 | Tejas Pawar |
| 20 | Nitesh Sawant |
| 21 | Shams Chougale |
| 22 | Saif shaikh |
| 23 | Sahil Khatri |

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DAY 2: SPACE QUIZ COMPETITION

Date: 5th October 2021

Time: Round 1 – 5 PM
Round 2 – 7 PM

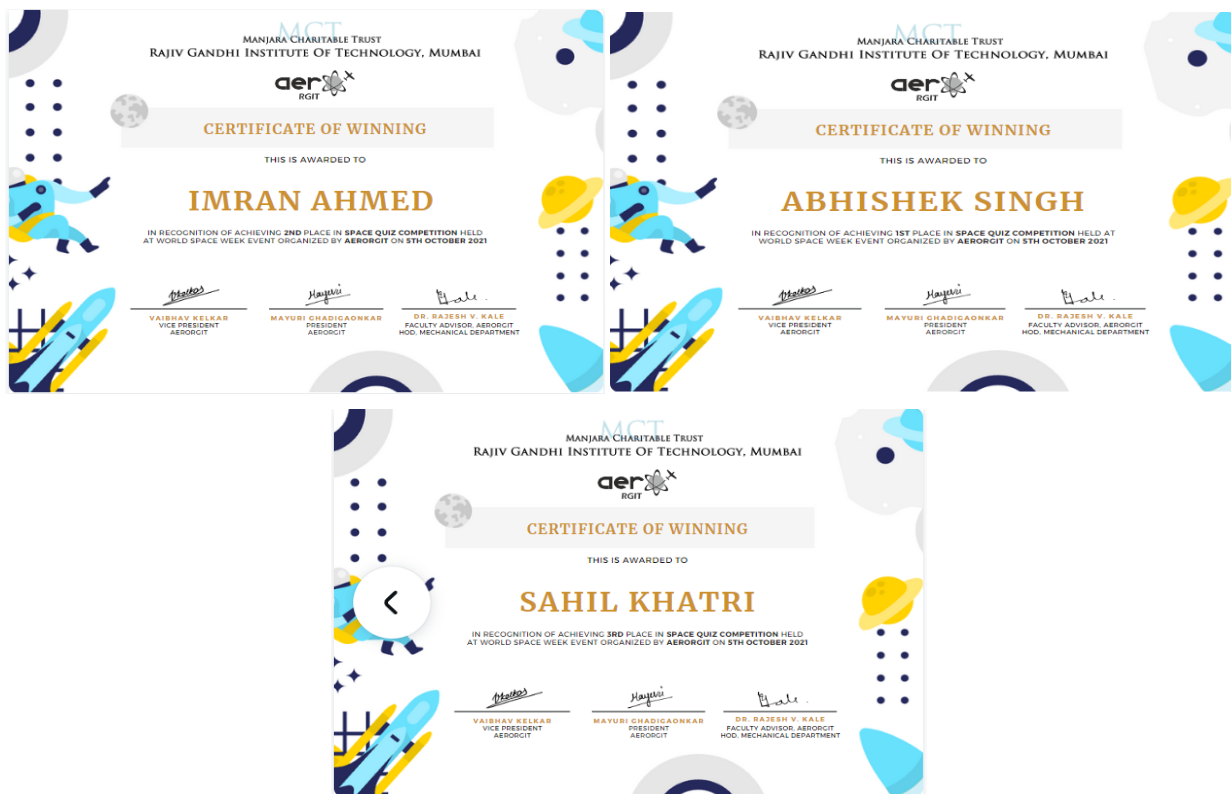


On the 2nd day of World Space Week, Space Quiz was conducted which consisted of 2 rounds. The first round was held at 5:00 PM with time slot of 30 minutes, which included of 67 participants and among them 17 participants qualified for the second round which was held at 7:00 PM with the time slot of 20 minutes. The 1st round of the quiz was conducted through google forms and the 2nd round of the quiz was live. Before the start of each round rules were explained to the participants and each round consisted of 20 questions. At the end, names of top 3 winners were announced.

| Sr No. | Participants Name |
|---------------|--------------------------|
| 1 | Sahil Khatri |
| 2 | Imran Ahmad |
| 3 | Aditya Sah |
| 4 | Aishwary Kakodekar |
| 5 | Yash Mestry |
| 6 | Anish Sandaye |
| 7 | Tejas Pawar |
| 8 | Nitesh Sawant |
| 9 | Shams Chougale |
| 10 | Saif shaikh |
| 11 | Sahil Khatri |
| 12 | Krish Waghela |
| 13 | Shreyash Sawant |
| 14 | Vaishnavi Wagh |
| 15 | Sanghavi Vavekar |
| 16 | Kaustubh Mahadik |
| 17 | Raj Desale |
| 18 | Soham Bhujle |
| 19 | Abhishek Singh |
| 20 | Vaibhav Kelkar |
| 21 | Aditya Gajbhiye |
| 22 | Bura Lavkumar |
| 23 | Shivanand Vedre |
| 24 | Bhawesh sunil yeole |
| 25 | Aditya Sandeep Mohile |
| 26 | Soham Joshi |

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WINNERS: 1st Prize – Abhishek Singh
2nd Prize – Imran Ahmad
3rd Prize – Sahil Khatri



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DAY 3: TREASURE HUNT

Date: 6th October 2021

Time: 12:00 PM -7:00 PM

Platform: Google Meet, All social media accounts of AeroRGIT

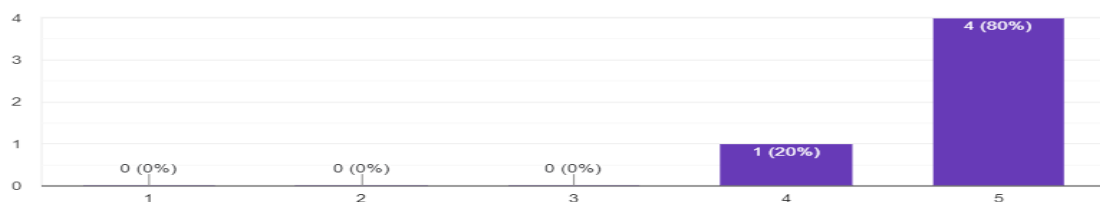
On the 3rd day of World Space Week, Treasure Hunt was conducted by AeroRGIT, at 12 pm. The host, Mr. Aishwary Kakodkar went ahead by introducing himself, then he started with explaining the rules to the players in detail. Every aspect of the process was explained and repeated so that the players understood the game well. The registration fees for the competition was Rs.20, provided with a cash prize for the winners upto Rs.500. The reward turned out to be a great motivator for the participants. The participants were asked to follow all the social media accounts of AeroRGIT, as the hints were hidden somewhere in the posts. The game began at 1pm, and after every hour new hints were posted. Later the game concluded and the winners were announced.

- **Feedback form:**

How was your experience?

5 responses

 Copy



Describe your experience.

5 responses

Good

It was excellent experience.

Amazing! Enjoyed throughout. Good research & efforts for preparing the riddles. Well done!

It was a fun experience. Efforts by the organisers were too good. Riddles were brain storming. All and all it was a great one.

Excellent.

| Sr No. | Participants Name |
|---------------|--------------------------|
| 1 | Mayuri Gadigoankar |
| 2 | Rahul Wankhede |
| 3 | Abhishek Singh |
| 4 | Abhishek Manwatkar |
| 5 | Manas Darji |
| 6 | Aditya Wavale |
| 7 | Aishwary Kakodekar |
| 8 | Yash Mestry |
| 9 | Anish Sandaye |
| 10 | Tejas Pawar |
| 11 | Nitesh Sawant |
| 12 | Shams Chougale |
| 13 | Sagar Raut |
| 14 | Sahil Khatri |
| 15 | Krish Waghela |
| 16 | Shreyash Sawant |
| 17 | Vaishnavi Wagh |
| 18 | Sanghavi Vavekar |
| 19 | Kaustubh Mahadik |
| 20 | Vinayak Ingavle |
| 21 | Soham Bhujle |
| 22 | Abhishek Anil Manwatkar |
| 23 | Vaibhav Kelkar |
| 24 | Pratik Dave |

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WINNER: 1st Prize – Aditya Wavale
Vinayak Ingavle
Sagar Raut
2nd Prize – Pratik Dave



DAY 4: ASTROPHOTOGRAPHY

Date: 7th October 2021

Platform: Google Form

Time: 12:00 PM – 8:00 PM

On 4th day, astrophotography competition was conducted in which the participants had to submit photographs of astronomical objects through google forms. The participants were allotted a time slot from 12:00PM to 8:00 PM for uploading their responses. The judge for this event was Ms. Shweta Kulkarni, Director of Astronera. Several students participated and this event was a huge success. Later the winners were declared and the event concluded with a vote of thanks from the committee.

| Sr No. | Participants Name |
|---------------|--------------------------|
| 1 | Saif shaikh |
| 2 | Sahil Khatri |
| 3 | Krish Waghela |
| 4 | Shreyash Sawant |
| 5 | Vaishnavi Wagh |
| 6 | Sanghavi Vavekar |
| 7 | Kaustubh Mahadik |
| 8 | Raj Desale |
| 9 | Soham Bhujle |
| 10 | Abhishek Anil Manwatkar |
| 11 | Vaibhav Kelkar |
| 12 | Om Sunil Tivrekar |
| 13 | Soham Nitin Nawale |
| 14 | Saurav Vaibhav Chavan |
| 15 | Siddhi Bhosale |
| 16 | Singh Abhishek Bipin |
| 17 | Suyash khot |
| 18 | Anushka Raval |
| 19 | Tanmay Masurkar |
| 20 | Tanmay Shinde |
| 21 | Vaibhav Sanap |
| 22 | Vaishnavi Mishra |
| 23 | Viraj Parab |
| 24 | Yash Karanjavkar |
| 25 | Yash Mahajan |
| 26 | Shubham Shindre |
| 27 | Tanmay Shinde |

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WINNER: 1st Prize – Anushka Raval
2nd Prize – Shubham Shindre
3rd Prize- Tanmay Shinde



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DAY 5: ESSAY COMPETITION

DATE: 8th October 2021

PLATFORM: Google Form

TIME: 12:00 PM – 8:00 PM

On 5th day, essay writing competition was conducted in which the participants had to write an essay on the topic “A Day as an astronaut in space”. The participants were allotted a time slot from 12pm to 8pm for uploading their responses. The judge for this event was Mr. Ankush Ingole, Assistant Professor at RGIT. Several students participated and this event was a huge success. Later the winners were declared and the event concluded with a vote of thanks from the committee.

| Sr No. | Participants Name |
|--------|----------------------|
| 1 | Shubham Dixit |
| 2 | Aditya Wavale |
| 3 | Prathmesh Parab |
| 4 | Vaibhav Kelkar |
| 5 | Nikhil Thosar |
| 6 | Siddhesh Deshmukh |
| 7 | Aakansha Shirke |
| 8 | Aditya Salunkhe |
| 9 | Pranay Pawar |
| 10 | Mayuri Gadigoankar |
| 11 | Akshitha Chelladurai |
| 12 | Yash Karanjavkar |
| 13 | Abhishek Manwatkar |
| 14 | Manas Darji |
| 15 | Aditya Sah |
| 16 | Aishwary Kakodekar |
| 17 | Yash Mestry |
| 18 | Anish Sandaye |
| 19 | Salik Ansari |
| 20 | Nitesh Sawant |
| 21 | Shams Chougale |
| 22 | Saif shaikh |
| 23 | Sahil Khatri |
| 24 | Krish Waghela |
| 25 | Shreyash Sawant |
| 26 | Vaishnavi Wagh |
| 27 | Sanghavi Vavekar |

WINNER: 1st Prize – Akshitha Chelladurai
2nd Prize – Yash Karanjavkar
3rd Prize- Salik Ansari



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DAY 6: SPACE TALK

DATE: 9th October 2021

PLATFORM: Google Meet

TIME: 12:00 PM – 1:00 PM

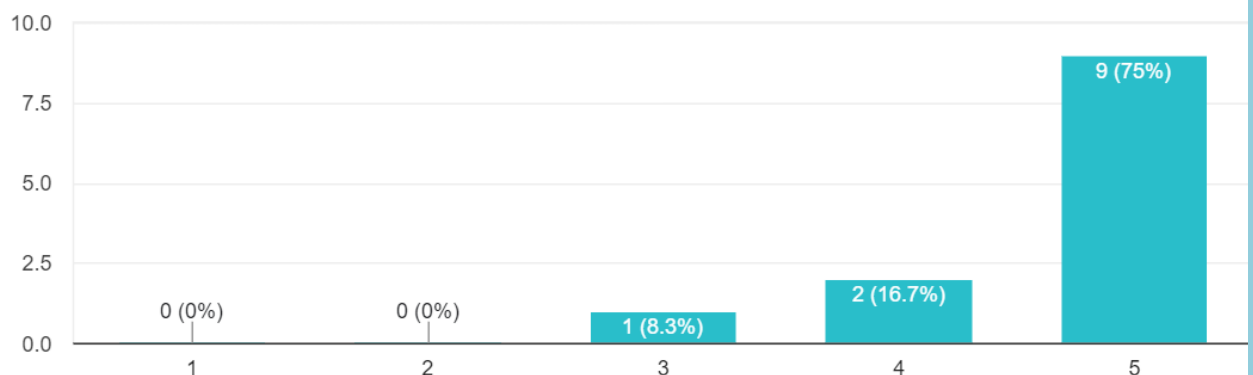
On 6th day, a space talk was organized. The speaker was Mr. Siddharth Pandey, Head of the Centre of Excellence in Astrobiology at Amity University, India. The session began with a warm welcome and then it was taken over by Mr. Siddharth. He gave a brief information about his achievements, work, and shared his entire journey as a space enthusiast. He also discussed about several recent and upcoming trends and development in the aerospace industry. The session also included an information about several courses in aerospace. Overall, the session was quite motivating and informative for all space enthusiast. Later the session was concluded with a vote of thanks from the committee.

- Feedback of the session:**

Rate the webinar

 Copy

12 responses



| Sr No. | Participants Name |
|---------------|--------------------------|
| 1 | Shubham Dixit |
| 2 | Aditya Wavale |
| 3 | Prathmesh Parab |
| 4 | Vaibhav Kelkar |
| 5 | Nikhil Thosar |
| 6 | Siddhesh Deshmukh |
| 7 | Aakansha Shirke |
| 8 | Aditya Salunkhe |
| 9 | Pranay Pawar |
| 10 | Mayuri Gadigoankar |
| 11 | Rahul Wankhede |
| 12 | Abhishek Singh |
| 13 | Abhishek Manwatkar |
| 14 | Aditya Sandeep Mohile |
| 15 | Soham Joshi |
| 16 | Abhishek Mandar Mahakal |
| 17 | Prasanna Janardhan Lad |
| 18 | Om Sunil Tivrekar |
| 19 | Soham Nitin Nawale |
| 20 | Saurav Vaibhav Chavan |
| 21 | Siddhi Bhosale |
| 22 | Singh Abhishek Bipin |
| 23 | Suyash khot |
| 24 | Swagat Das |
| 25 | Tanmay Masurkar |
| 26 | Tanmay Shinde |

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DAY 7: POSTER MAKING COMPETITION

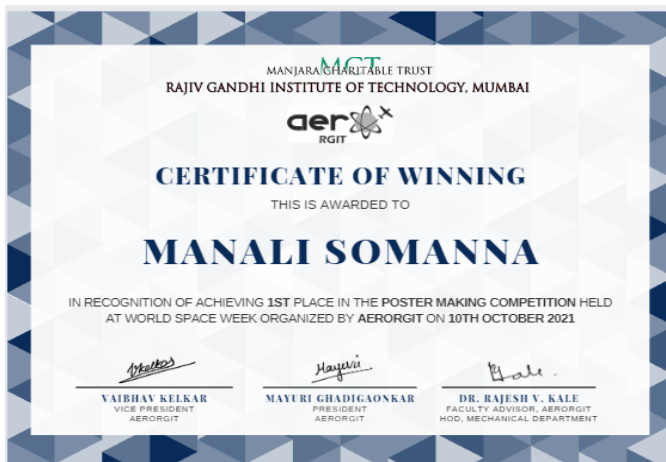
DATE: 10th October 2021

PLATFORM: Google Form

TIME: 12:00 PM – 8:00 PM

On 7th day, the last day of space week, poster making competition was conducted in which the participants had to prepare a poster on the topic “Women in Space”. The participants were allotted a time slot from 12:00 PM – 8:00 PM for uploading their responses. Several students participated and this event was a huge success. Further the posters were evaluated and ranked considering the creativity and unique idea. Later the winners were declared and the event concluded with a vote of thanks from AeroRGIT.

WINNER: 1st Prize – Manali Somanna
2nd Prize – Yash Karanjavkar
3rd Prize- Vinayak Rathod



| Sr No. | Participants List |
|-----------|-------------------|
| 1 | Aakanksha Shirke |
| 2 | Aditya Salunkhe |
| 3 | Rehan Ansari |
| 4 | Shubham Dixit |
| 5 | Vinayak Ingavle |
| 6 | Aditya Wavale |
| 7 | Siddhesh Deshmukh |
| 8 | Vaibhav Kelkar |
| 9 | Prathamesh Parab |
| 10 | Aishwary Kakodkar |
| 11 | Aditya Sah |
| 12 | Shalom Lopes |
| 13 | Manali Somana |
| 14 | Yash Karanjavkar |
| 15 | Manas Darji |
| 16 | Pratik Kadam |
| 17 | Amey Mistry |
| 18 | Vinayak Rathod |
| 19 | Prapti Salaskar |
| 20 | Aryan Bhalerao |
| 21 | Muzzammil Ahmad |

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STARGAZING EVENT

Date: 8th – 9th January 2022

Location: Malshej Ghat, Maharashtra

Highlights:

- Stargazing
- Scenic Views of Malshej Ghats
- Premium quality tents for camp stay
- Games
- Bonfire
- Music
- Trek to Sindola fort
- Meals: 1 Breakfast, 1 Lunch, 1 Dinner and evening snacks.



AeroRgit once again triumphed in arranging one of its great events - Stargazing event. Aerorgit collaborated with Native Maniacs team– a Technical trekking expert group that helped this event to be conducted. The event was not just about Stargazing but also contained Trekking and Games. The event was held for 2 days in Malshej Ghats from 8th to 9th January. There were 2 buses arranged by the team for the registered candidates that commuted from Andheri to Malshej Ghats. The Malshej Ghat Sightseeing was arranged at one of the tourist spots. At the Campsite, there were premium tents arranged for camp stay. For the Stargazing event, the team made arrangements for a top-notch telescope through which the participants could catch sight of some planets and constellations.

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DAY 1:



The Day 1 was scheduled to comprise of Malshej Ghat Sight-seeing, Bonfire Camping and Games. The bus commuted from Andheri to reach Malshej Ghats. In the Afternoon everyone was served with delicious lunch and later enjoyed the glimpses of Malshej Ghat. After arrival at the campsite, everyone had some evening snacks. Later, everyone was entrusted to select their camps and enjoy their stay in it. Further, a presentation was conducted on stellar and planetary views by the experts and eventually everyone enjoyed their dinner to head over to the bonfire and games event.

DAY 2:

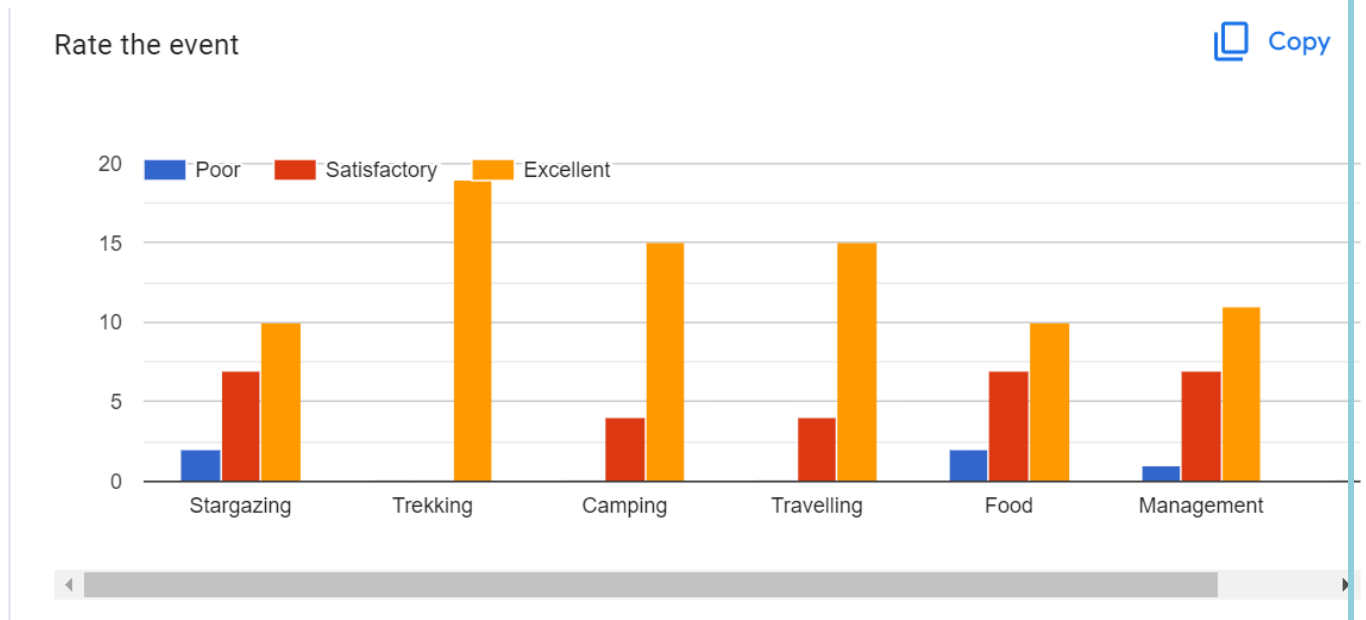


The Day 2 encompassed with the Sindola Fort Trek and the Stargazing event. At the break of the dawn, everybody was ready to take off for the trekking event. Throughout the trek, participants were able to witness some breathtaking views of Malshej Ghat along with the top view from the Sindola Fort.

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Subsequently after the trek, everyone had their lunch to cherish the final Stargazing event. The Telescope was placed at the spot from where everyone perceived the constellations and planets guided under the experts who gave brief information about it. All over the event turned out to be a successful and praiseworthy event.

- **Event feedback:**



| Sr no. | Participant Name | College |
|--------|-----------------------------|---------|
| 1 | Nikhil Thosar | RGIT |
| 2 | Aishwary Amol Kakodkar | RGIT |
| 3 | Prathamesh Parab | RGIT |
| 4 | Mayuri Mangesh Ghadigaonkar | RGIT |
| 5 | NITESH PRAKASH SAWANT | RGIT |
| 6 | Shams Chougale | RGIT |
| 7 | Saif shaikh | RGIT |
| 8 | Sahil Khatri | RGIT |
| 9 | Rahul Wankhade | RGIT |
| 13 | Shreyash Sawant | RGIT |
| 14 | Vaishnavi Wagh | RGIT |
| 15 | Sanghavi Vavekar | RGIT |
| 16 | Kaustubh Mahadik | RGIT |
| 17 | Raj Desale | RGIT |
| 18 | Soham Bhujle | RGIT |
| 19 | Abhishek Anil Manwatkar | RGIT |
| 20 | Vaibhav Kelkar | RGIT |
| 21 | Aditya Gajbhiye | RGIT |
| 22 | Bura Lavkumar | RGIT |
| 23 | Shivanand Vedre | RGIT |
| 24 | Bhawesh sunil yeole | RGIT |
| 25 | Aditya Sandeep Mohile | RGIT |
| 26 | Soham Joshi | RGIT |
| 27 | Abhishek Mandar Mahakal | RGIT |
| 28 | Prasanna Janardhan Lad | RGIT |
| 29 | Om Sunil Tivrekhar | RGIT |
| 30 | Soham Nitin Nawale | RGIT |
| 31 | Saurav Vaibhav Chavan | RGIT |

| Sr no. | Participant Name | College |
|--------|---------------------------|---------|
| 32 | Kiran Sahu | RGIT |
| 33 | Bhakti Pandharinath Sutar | RGIT |
| 34 | Gayatri Shahaji Gunjal | RGIT |
| 35 | Gargi Mangesh Fadtare | RGIT |
| 36 | Yatish Shekhar Raut | RGIT |
| 37 | Sidharth Surendra salian | RGIT |
| 38 | Gaurav Sunil Gurav | RGIT |
| 39 | Ashraf Shaikh | RGIT |
| 40 | Safah Sayed | RGIT |
| 41 | Ania Siddiqui | RGIT |
| 42 | JAYESH DILIP SHINDE | RGIT |
| 43 | Akanksha Singh | RGIT |
| 44 | Sayed Wasi | RGIT |
| 45 | Sayed saifuddin | RGIT |
| 46 | Anas nawaab | RGIT |
| 47 | NAGRE SHARAYU SUBHASH | RGIT |
| 48 | Aashil Umraila | RGIT |
| 49 | Nagre Sairaj Subhash | RGIT |
| 50 | Krish Ranavde | RGIT |
| 51 | Chetan zore | RGIT |
| 52 | Shantanu Suryakant Gawade | RGIT |
| 53 | Yash Suresh Zagade | RGIT |
| 54 | Obaid Ibrahim | RGIT |
| 55 | Gupta Priyanshu Mahesh | RGIT |
| 56 | Shravani Belwalkar Rajan | RGIT |

SAE INTERNATIONAL COMPETITION MICROCLASS, 2022

Date: 20th – 22nd May 2022

Location: Texas, USA



The SAE competition for the aeroRgit team was held at Texas, USA from 20th to 22nd May for the SAE Aero-Design East challenge, Micro Class. The Team's name was RGIT'S PEGASUS representing RGIT from India. The manufacturing for the competition started from the 2nd week of February itself. Every SAE member came to the workshop which was located at Virar. The parts for the manufacturing were firstly designed on the cad software and later they were given for laser cutting.

Further, the manufacturing members started their work with the assembling of the parts that were designed and the documentation team worked on the design report that was supposed to be submitted by the 17th of May. A testing model aircraft was manufactured first and then the final model. After the completion of the testing model, it was time for the flight test. Eventually considering the observations while the flight test, the subsequent changes were supposed to be made in the final model. The submission of the Design report was done early considering its deadline. Finally, after all the hard work and dedication, the team managed to earn 16th Rank World Wide among the 42 teams that participated in Regular, Micro and Advance class for SAE International 2021-22 season. AeroRgit never fails to triumph even after facing a lot of critical scenarios. It was an extremely proud moment for the whole team to represent the RGIT worldwide.

| Sr no. | Participants name |
|--------|---------------------|
| 1 | Mayuri Ghadigaonkar |
| 2 | Vaibhav Kelkar |
| 3 | Prathmesh Parab |
| 4 | Pranay Pawar |
| 5 | Nikhil Thosar |
| 6 | Akansha Shirke |
| 7 | Siddhesh Deshmukh |
| 8 | Aditya Salunkhe |
| 9 | Aishwary Kakodkar |
| 10 | Shreyash Sawant |
| 11 | Rahul Wankhede |
| 12 | Aditya Wavale |
| 13 | Aditya Sah |
| 14 | Vinayak Ingavle |
| 15 | Abhishek Singh |
| 16 | Abhishek Manwatkar |
| 17 | Rishika Jain |
| 18 | Shubham Dixit |
| 19 | Anish Sandhay |
| 20 | Tejas Pawar |
| 21 | Vaishnavi Pawar |
| 22 | Vedant Vernekar |
| 23 | Shushmuna Kadam |
| 24 | Rituja Kotangale |
| 25 | Suyash Channe |
| 26 | Abhijit Mestry |
| 27 | Manas Darji |