

24TH September, 2021

Rocketry Workshop at Silver Oak University

FlySky Aeromodelling Club (Aeronautical Department, SVIT Vasad.)



A wonderful day at Silver Oak University, Ahmedabad. The day started with a warm welcome of our team which consisted 7 club members and our guide Capt. Umang Jani Sir by the team of professors of Aeronautical Engineering Department, Silver Oak University. Then we were escorted to the seminar hall where there were 50 students from different years of Aeronautical Engineering and they were full of enthusiasm and they were very excited for the workshop. The workshop had started with an introductory session where all the members of the club present there introduce themselves and the club to the students and the faculties present there. The main Workshop was divided into 5 sessions which covered different aspects of Rocket Science.

The First session was on the History of Rockets and the basic principles on which the Rockets works. This session was delivered by Dalwadi Neel. After this session the next session was on the Stability of the rockets which was delivered by Nayan Sandpa. The Third session was on the types of recovery systems used in the rockets, which included the recovery of both model rockets and the modern rockets and the session was delivered by Dirgh Bhatt. After the Third session the students were given a lunch break.

After the break we started with the Fourth session which was on designing of a model rocket with the help of Open Rocket Software. This session was delivered by Keyur Devganiya and he was assisted by Hiral Vora and Khushi Shah. The Last session was on different types of Rocket Propulsion Systems and the session was delivered by Umang Sudani.

At the end of all the sessions we showed them the launch videos of our Low-Power Rocket and High-Power Rocket along with the avionics systems on which we are currently working and having a Q&A session with the students. The workshop was concluded by our guide Capt. Umang Jani Sir, where he threw light on the opportunities available for an Aeronautical Engineer in India and especially in Gujarat and the vastness of the field of Aeronautics and Aerospace.

The response from the students was flabbergasting and it boosted the confidence of the club members to conduct more workshop and we set an example of Not Just Teach The Students But To Make Them Think.



9th August, 2021

Rocketry Workshop Dariyapura

Flysky Aeromodeling Club (Aeronautical dept. , SVIT Vasad)



A Memorable day was spent with an extraordinary and talented childrens by our team of Flysky Aeromodeling Club with local NGO team Kartavya at Dariyapura village. Day started with meeting of team members of team Kartavya and our club's member, warm and grand welcome was given by them to us. After that we approached toward village Dariyapura. We were pretty excited to see the young and talented students of village. When we reached there we found huge group of students including strengths of 80 to 90 in numbers. After that we met the principal of Dariyapura primary school Mr. Pankajbhai Suthar. We gave him our brief introduction and the overview of purpose for which we were there. After introducing our self to them our team divided into 3 task teams and started their work

Specific teams having their pre-decided task. One of the team gave education awareness “what after 10th “ and women empowerment seminar with audience of parents and guardians of students. One of the team explained Rocket science program to the students of std. 8 to 10 and gave them ideas about upcoming future of Aeronautical and Aerospace industries. One team was with students of std 1 to 7 including preschool students, they told various stories of successful personalities and their struggles and failures so that they were familiar with the morals of life based on stories, team did some fun activities too like games and Q&A sessions. At last we arranged small workshop of paper model rockets, they really enjoyed alot and we too.

