

### **7.3 Institutional distinctiveness**

In our institute we have formed a group of students from all branches of engineering who are interested in the field of robotics. They conduct STTP, seminars and workshops in the different schools located in rural area of Pune district. By doing this the college students expose the rural school students with latest trends, knowledge & skills. Based on the exposure to these students they prepare the projects/working models based on the need of their local area. College has recently conducted one Project Model Completions on Robotics; some of the students with best applications were awarded for their projects. PDEA provides financial assistance to such students to develop such projects in to actual applications in the field. The main aim of this activity is to find the hidden rural talents who never get such encouragement as well as the facility to show their potential useful for their own village society. Our students have imparted training on following topics/contents:

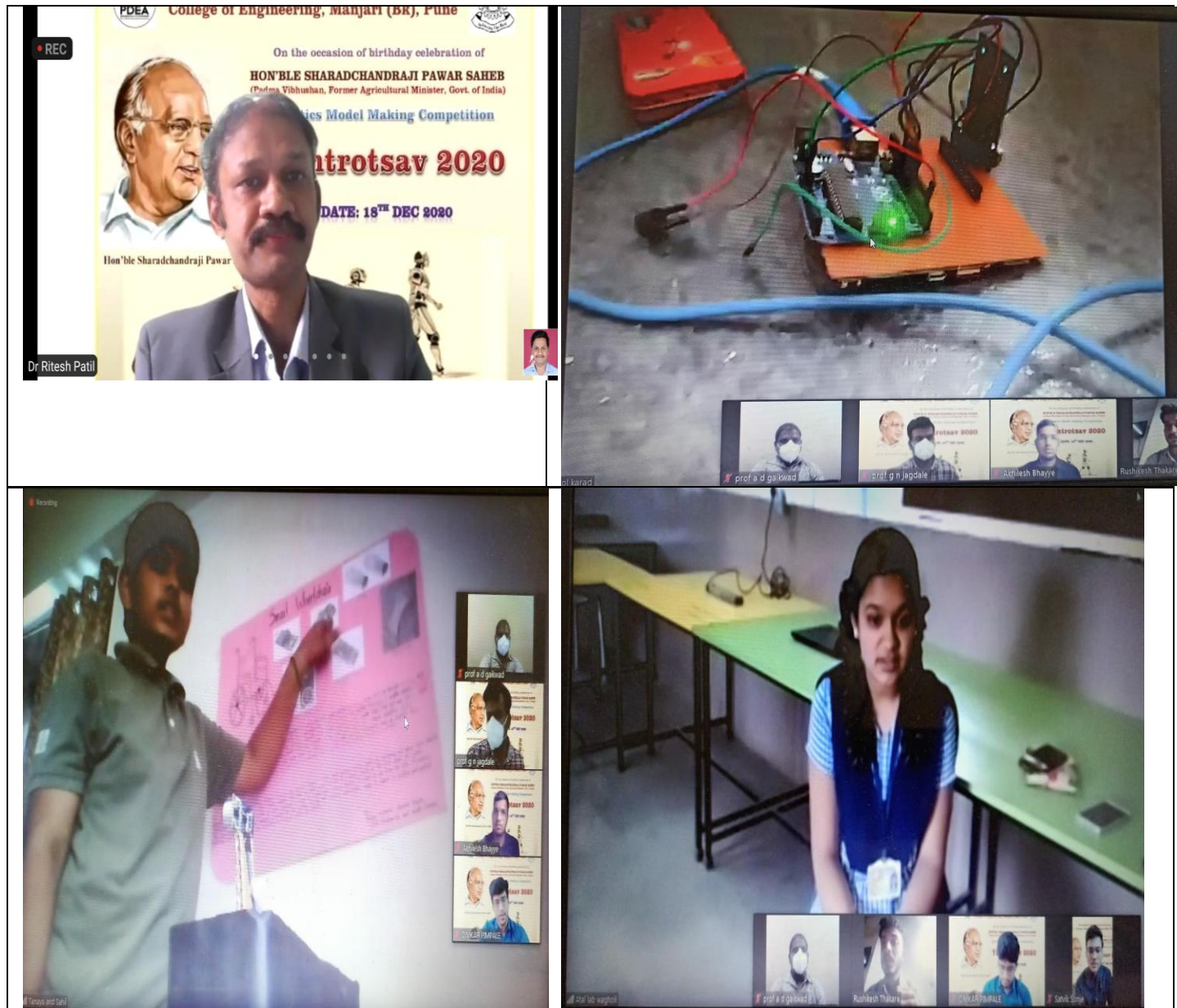
1. Robotics-Get Started
2. Drones Quads- Basics
3. Understanding CAPTCHA
4. The Future Drones Quads- Basics
5. Basic Arduino Programming
6. Introduction to robotics, sensors
7. Artificial Intelligence
8. Related Case Studies

Schools in following rural areas were covered under this activity-

- i. Kamshet
- ii. Supe
- iii. Pirangut
- iv. Wagholi
- v. Akurdi

## YANTROTSAV 2020:

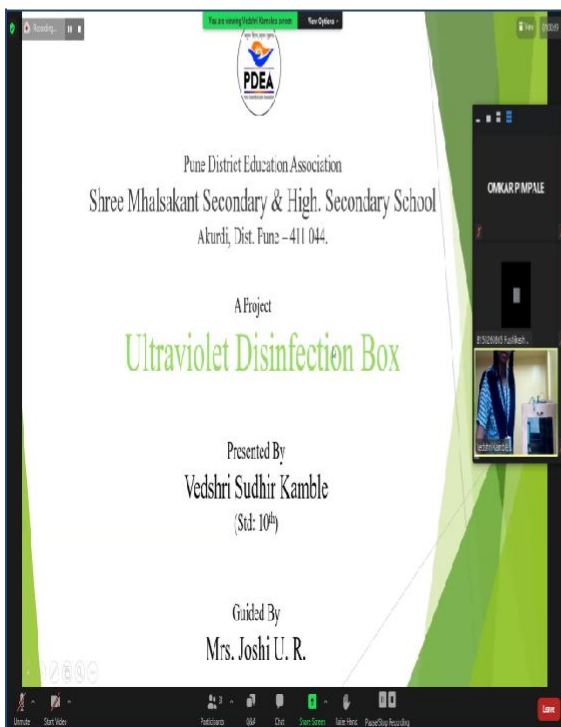
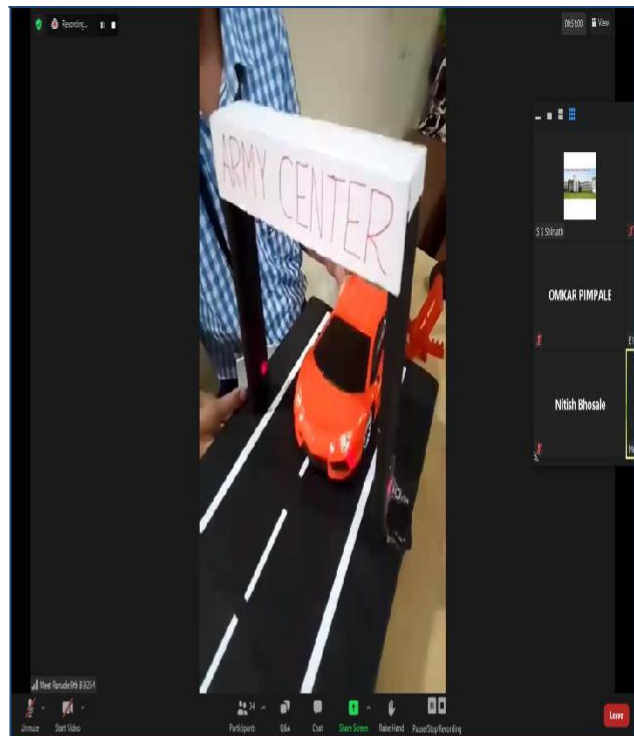
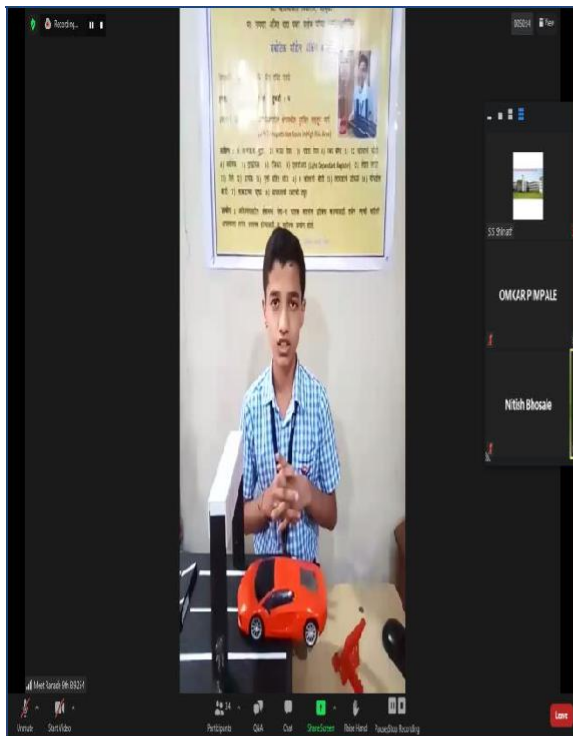
Online project competition of school students is arranged by our ROBOCLUB students. Students of various schools have participated in this Competition and showcased their talent.

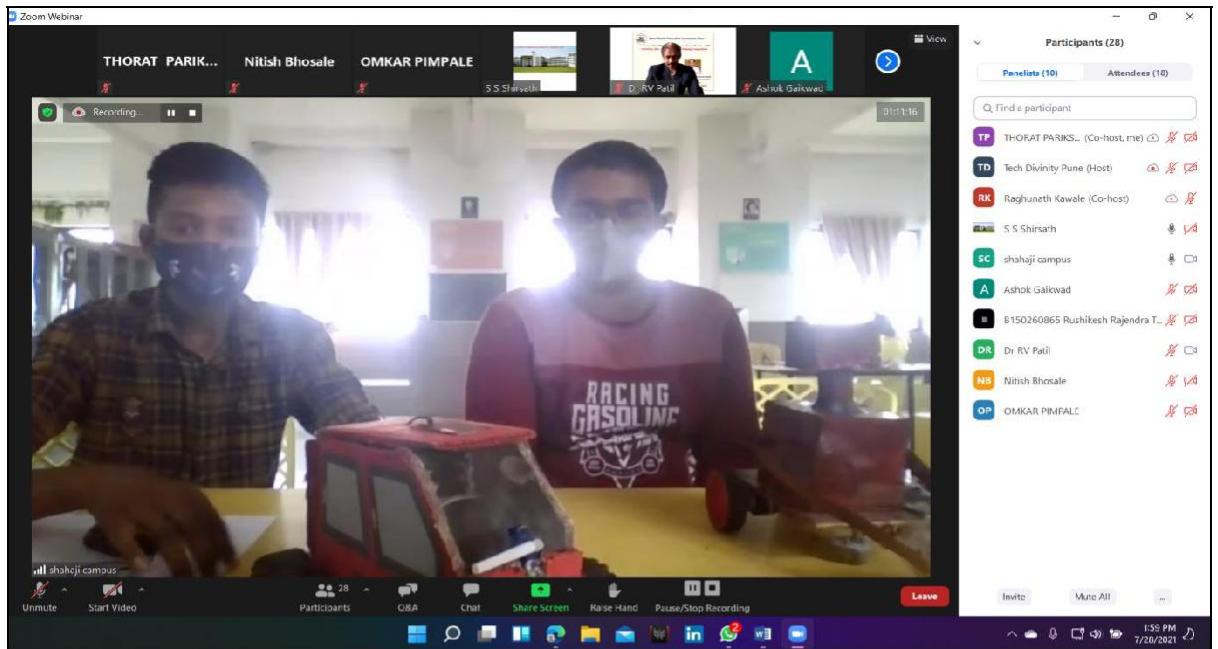


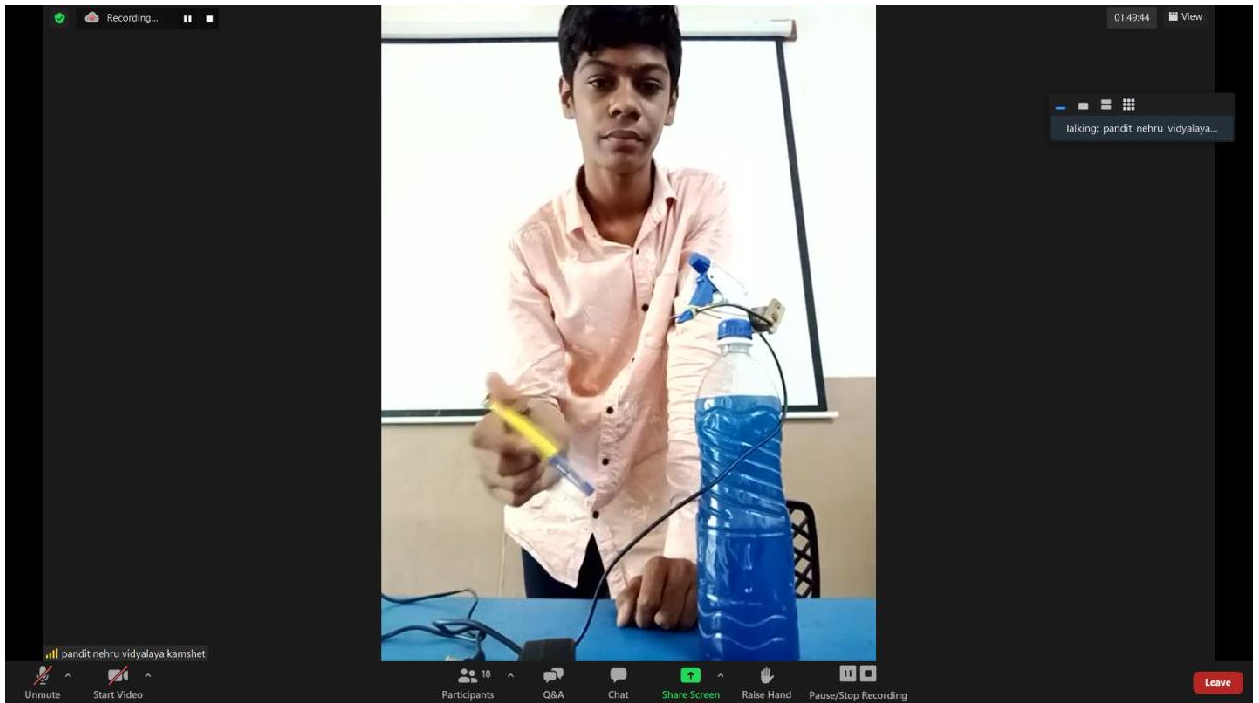




## B) Photographs & details of the Competition conducted by the college







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