



DEPARTMENT OF INFORMATION TECHNOLOGY

The students of Second Year and Third Year IT branch have successfully contributed to **ONLINE LABS (OLABS)**, developed by **Amrita Vishwa Vidyapeetham & CDAC Mumbai** and **Funded by Ministry of Electronics & Information Technology**. OLABS is based on the idea that lab experiments can be taught using the Internet, more efficiently and less expensively. Its content is aligned to NCERT/CBSE and State Board Syllabus for Physics, Chemistry, and Biology Labs from Class 9 to Class 12 and includes interactive simulations, animations and lab videos. 20 schools in India have registered with OLABS for laboratory experiments.

The contribution of students of IT Department includes development of two virtual labs using recent software tools and technologies and successfully deploying in the **OLABS** repository. Six more virtual labs are in the development phase and will be uploaded in the repository in near future.

Virtual Lab 1 Title: Germinate seeds to observe how plants grow from seeds

Link: <http://cdac.olabs.edu.in/?sub=74&brch=31&sim=249&cnt=4>

Team Members:

1. Rushank Shah
2. Soham Dave
3. Devika Patadia
4. Ansh Mehta
5. Richa Shah
6. Dhruvil Shah

Virtual Lab 2 Title: Single displacement Reaction

Link: <http://cdac.olabs.edu.in/?sub=75&brch=12&sim=250&cnt=4>

Team members:

1. Gurudev Sutar
2. Priyang Chaurasia
3. Sweta Chudasama
4. Vaibhavi Udani
5. Gauri Khanolkar
6. Shivam Vora
7. Chaitanya Kumbhar
8. Alankrit Aarya
9. Bhavya Patel

Congratulations to all the team members, Dr. Vinaya Sawant, Head of the Department, Information Technology and faculty co-ordinators for the remarkable work and contribution.

Dr. Hari Vasudevan
(Principal)