



A. D. Patel Institute of Technology, New V V Nagar
affiliated with
Charutar Vidyamandal University (CVM University)



Department of Applied Science and Humanities

Online certificate course on **“Physics for Engineering Education”**

The Department of Applied Science and Humanities, A. D. Patel institute of Technology affiliates with CVM University is going to offer free online certificate course on **“Physics for Engineering Education”** for HSC and diploma students during this COVID -19 pandemic.

OBJECTIVES:

The course aims to enable the students for critical thinking for engineering education with fundamental concepts of Physics that all students already learned in SSC and HSC. This course aims to emphasis on Engineering applications and projects to anyone with a reasonable school level understanding of physical science or engineering sciences. This course is a substantial introduction to laws of Physics and how it works in engineering applications. It is specifically designed to be accessible not only to technical professionals but also to school level students over a wide range of science and engineering backgrounds. This course covers key topics in the use of light, sound, magnetic materials, semiconductors and ultrasonic in many modern applications of science and technology. This course will uniquely assist school students to understand importance of engineering aspects in real sense.

Sr No	Date	Topic	Name of Speaker	Time
1	15/05/2020	When Light becomes Laser- Concept of Holography	Dr Abhay Dasadia	4:00 pm to 4:40 pm
2	16/05/2020	When Magnetism becomes Superconductor- Concept of Bullet Train	Dr Abhay Dasadia	4:00 pm to 4:40 pm
3	17/05/2020	When Sound becomes Ultrasonic- Concept of SONAR	Dr Abhay Dasadia	4:00 pm to 4:40 pm

Notes:

1. Sessions will conducted online, meeting Id and password will be shared through email/whatsapp only
2. **No registration fee**
3. Registration link: <https://forms.gle/1EkD51jnS9u2vtHC6>
4. **Deadline for registration is 14/05/2020 (till 11:59 pm)**
5. Any HSC and diploma engineering student can participate
6. Duration will remain 40 minutes for each session
7. Sessions will conducted by Zoom app or Google meet
8. Language of communication will Hindi/English
9. Feel free to contact Dr Abhay Dasadia – 94260 17285 OR Dr N.B Desai (9327158932) in case of any query