

# Shri Manibhai Virani and Smt. Navalben Virani Science College

An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle - 3

**Criterion- IV** 

**Metric - 4.2.2** 

#### 4.2.2 E-resources Local NPTEL Video Server

NPTEL (National Programme on Technology Enhanced Learning) is a project initiated by the Indian government to provide quality educational content in the form of video lectures and course materials in engineering, science, and humanities. NPTEL courses are designed to enhance the learning experience of students and educators across India.

An NPTEL Local Server, also known as an NPTEL SWAYAM Local Chapter Server, is a system that allows educational institutions to host NPTEL course content on their own local servers. This setup is particularly useful in places with limited or unreliable internet connectivity. By hosting the content locally, students and faculty members can access the NPTEL courses without needing a continuous internet connection.

Link is: http://10.9.150.93/

Figure 1: NPTEL Web Courses Local Server Home Page



Click here to open NPTEL Web Courses

### Discipline-Wise Video Courses

Aerospace Engineering	Atmospheric Science	Basic courses(Sem 1 and 2)	Biotechnology
Chemical Engineering	Chemistry and Biochemistry	Civil Engineering	Computer Science and Engineering
Electrical Engineering	Electronics & Communication Engineering	Engineering Design	Environmental Science
General	Humanities and Social Sciences	Management	Mathematics
Mechanical Engineering	Metallurgy and Material Science	Mining Engineering	Nanotechnology
Ocean Engineering	Physics	Textile Engineering	

## · Required Software

- Latest firefox borwser: Click here to download | 32 bit | 64 bit
- · Install flash player in borwser Click here to download
- Click on the Discipline to view list of courses
  The NPTEL index list may be modified by the institute, as required.

- Please read the Readme.txt for details on how to setup the NPTEL Index.
- This index has been provided to refer the NPTEL Web and Video course contents.
- Click on the Discipline to view list of courses
- · The NPTEL index list may be modified by the institute, as required.



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Figure 2: NPTEL Web and Video Courses

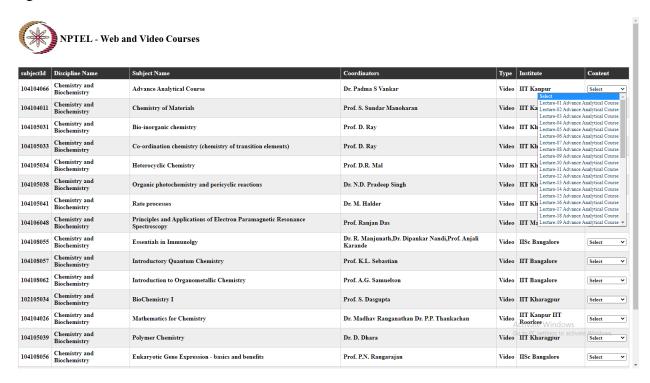


Figure 3: NPTEL local server playing the video using Flash player

