

## NPTEL WORKSHOP

JOINTLY ORGANIZED BY  
NPTEL, IIT ROORKEE & DIT UNIVERSITY  
13th JULY 2018  
at  
DIT UNIVERSITY  
Dehradun, Uttarakhand-248009

### Registration Form

Please fill this form and send it to us by email to  
[ditunptel@gmail.com](mailto:ditunptel@gmail.com) before 7th July, 2018

Name of the Institute \_\_\_\_\_

Address \_\_\_\_\_

Contact Number \_\_\_\_\_ e-mail \_\_\_\_\_

Number of Participants \_\_\_\_\_

Details of Participants \_\_\_\_\_

Name of Director/Principal of the Institute  
\_\_\_\_\_

Name of the Participants

1. \_\_\_\_\_ Discipline \_\_\_\_\_

Mobile \_\_\_\_\_ e-mail \_\_\_\_\_

2. \_\_\_\_\_ Discipline \_\_\_\_\_

Mobile \_\_\_\_\_ e-mail \_\_\_\_\_

**For more participants, please fill additional forms.**

Travel allowance would be provided to all the participants as per NPTEL norms. These are available upon request and are also posted on the NPTEL website.

Signature and Seal of the  
Head / Director of the Institute

## WORKSHOP OBJECTIVES:

- Talk about what NPTEL is, the courses that are there, the formats, extra features such as text transcription, video download, etc
- NPTEL open online courses – what they are, how colleges can use them, statistics, etc
- Local Chapter of NPTEL – how colleges and NPTEL can work together and interact directly
- Nomination of faculty members is being sought for this workshop from each institution.

**ELIGIBILITY:** Engineering, Science & Management faculty / Principals / HODs. (Max of 3 faculty from each institution)

**No registration fee for the workshop.**

**NOTE:** Travel Allowance (TA) & Workshop Kit would be provided to all the participants as per NPTEL rules and regulations. Only outstation participants are eligible for Travel allowance as per NPTEL norms. NPTEL will not be able to reimburse participants for accommodation. Participation certificate will be given to all the participants.

In order to allow us to make all arrangements to the best of our ability, kindly send us the completed registration form on or before 7th July 2018 by email to [ditunptel@gmail.com](mailto:ditunptel@gmail.com)

**Coordinator at DIT University:**

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**For Further Information Contact:**  
Mr. Deepak Sharma - 9627796109

**The workshop details are available at:**  
<http://nptel.ac.in>  
[www.dituniversity.edu.in](http://www.dituniversity.edu.in)



## ONE-DAY WORKSHOP ON NPTEL

National Programme on Technology  
Enhanced Learning

Jointly organized by

**NPTEL, IIT ROORKEE**

&

**DIT UNIVERSITY**

Dehradun-248009

on

**13th July, 2018**

at

**DIT UNIVERSITY**

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## What is NPTEL?

NPTEL is an initiative by the IITs (IIT Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras and Roorkee) and IISc along with full financial support by MHRD.

The main objective of the National Programme on Technology Enhanced Learning (NPTEL) is to enhance the quality of engineering and science education in the country by developing contents for undergraduate and postgraduate curricula using video and web based courses. These courses cover the syllabi prescribed by universities and approved by AICTE.

- The basic objective of science and engineering education in India is to devise and guide reforms that will transform India into a strong and vibrant knowledge economy. In this context, the focus areas for NPTEL project have been i) higher education, ii) professional education, iii) distance education and iv) continuous and open learning, roughly in that order of preference.

- Manpower requirement for trained engineers, scientists and technologists is far more than the number of qualified graduates that Indian educational institutions can provide currently. Among these, the number of institutions having fully qualified and trained teachers in all disciplines being taught forms a small fraction. NPTEL helps disseminate teaching/learning content of high quality and uses technology for dissemination.

- A large number of students who are unable to attend scholarly institutions will have access to quality content through NPTEL. All those who are gainfully employed in industries and all other walks of life and require continuous training and updating their knowledge can also benefit from well-developed and peer-reviewed course contents by the IITs, IISc and other partner institutions in NPTEL.

<http://nptel.ac.in/>

<http://www.youtube.com/iit>

## Some current statistics about NPTEL are:

1400+ courses in 23 disciplines;  
430+ million NPTEL Site visits  
300+ million YouTube views (We have a dedicated YouTube channel)  
40,000+ hours of video;  
33,000+ hours of transcribed text material

**NPTEL video repository is the largest and most viewed/ accessed educational repository in the world.**

## NPTEL open online courses for certification:

Since March 2014, NPTEL started offering certification on courses offered in the open online mode, based on the MOOCs model. The features are:

- The course enrolment and learning is free while the exam comes for a nominal fee.
- The courses are offered by the faculty of IITs, CMI, IISc, etc. which are of duration 10, 20 or 30 hrs.
- Lessons and assignments are released every week. Also there is a discussion forum in which students can interact with the faculty member directly.
- At the end of the course, an in person proctored exam is conducted (which is optional); If the candidate writes and passes the exam, he/she will get a certificate.

## Some statistics about this are:

- Courses completed so far: 740
  - Number of enrollment so far: 36 Lakhs
  - Number of exam registrations so far: 2.7 Lakhs
  - Next run of certification courses in July 2018: 270 courses
- <https://onlinecourses.nptel.ac.in>

## NPTEL Local Chapter

It is a partnership between the college and NPTEL. Requirements are a letter from the head of the institution and contact details of a Coordinator from the institute.  
<http://nptel.ac.in/LocalChapter>

Send us 14TB (2x5TB+1\*4TB) external hard disks and get the entire NPTEL content copied, which can be hosted on the LAN for viewing and download by any user.

## About ET Cell, IIT Roorkee:

Educational Technology Cell was established in 2003. This cell was primarily conceived to produce high quality Video/Web/Multimedia based instructional material; syllabus based content development for the National Programme on Technology Enhanced Learning (NPTEL) project. Over the period of time, its role has been expanded to absorb new paradigms of e-learning, training of faculty to develop their own e-content and to use e-content developed by NPTEL, training of faculty from other institutes to facilitate streaming of video & web based lectures in their respective institutes, streaming of video lectures round the clock on demand, at IIT Roorkee, creation of question banks and quality control of e-content generation through feedback mechanism.

The cell has state-of-the-art digital video cameras, non-linear editing systems, audio and video systems, teaching aids, substantial number of computers, servers and softwares required to produce high quality Web based and Video based courses and 3D-animation.

This centre is also connected to satellite through EDUSAT (a facility provided by ISRO).



## About DIT University (DITU):

DIT University (DITU), erstwhile Dehradun Institute of Technology, is a private university near Dehradun in India, established by the non-profit Unison Group. DIT University offer Undergraduate, Graduate and Doctoral programmes in fields like Engineering, Pharmacy, Management and Architecture.

