

## **NPTEL WORKSHOP**

**JOINTLY ORGANIZED BY**

**NPTEL, IIT MADRAS  
&  
SDM College of Engineering and Technology  
on  
July 19, 2018  
at  
SDM College of Engineering and Technology,  
DHARWAD-580002**

### **Registration Form**

**Please fill this form and send it to us by email to  
[nptel@sdmcet.ac.in](mailto:nptel@sdmcet.ac.in) before July 15, 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 \_\_\_\_\_ Email \_\_\_\_\_

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

Mobile \_\_\_\_\_ Email \_\_\_\_\_

3. \_\_\_\_\_ Discipline \_\_\_\_\_

Mobile \_\_\_\_\_ Email \_\_\_\_\_

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 July 15, 2018 by email to:  
**[nptel@sdmcet.ac.in](mailto:nptel@sdmcet.ac.in)**

**Chief Patron:** *Dr. S. B. Vanakudre, Principal,  
SDM College of Engineering and Technology*

**Patron:** *Dr. J. D. Pujari, HoD ISE Department.*

**Convener:** *Prof. V. K. Parvati - 9845253751*

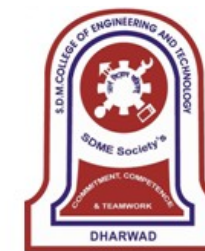
**Coordinator:** *Dr. S. R. Biradar - 9741421201*

**Co-coordinator:** *Dr. Rajashekarappa – 9008291634*

*Prof. S S Joshi - 9880417014*

### **Communication Address**

Dr. S. R. Biradar,  
Coordinator, NPTEL Workshop,  
Department of Information Science and Engineering,  
SDM College of Engineering & Technology,  
Dharwad - 580 002, Karnataka,  
**Email: [nptel@sdmcet.ac.in](mailto:nptel@sdmcet.ac.in)**



## **ONE-DAY WORKSHOP ON NPTEL**

*National Programme on Technology  
Enhanced Learning*

Jointly organized by  
**NPTEL, IIT MADRAS**

**&**

**SDM College of Engineering and Technology**

**on**

**July 19, 2018**

**at**

**SDM College of Engineering and Technology,  
DHARWAD-580002**

**Karnataka**

**Phone: 0836-2447465**

**Fax: 0836-2464638**

**E-Mail: [nptel@sdmcet.ac.in](mailto:nptel@sdmcet.ac.in)**

**Website: [www.sdmcet.ac.in](http://www.sdmcet.ac.in)**

## 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 40 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>  
<http://nptel.ac.in/noc>

### 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 the Institute:** Sri Dharmasthala

Manjunatheshwara College of Engineering & Technology, Dharwad is under the flagship of SDM Educational Society, Ujire. The guiding spirit and driving force for all the achievements and progress of our institute is the President Padma Vibhushan Dr. D. Veerendra Heggade, Dharmadhikari of Sri Kshethra Dharmasthala, who has the highest concern for Vidyadana, SDMCET is one of the top 50 Engineering quality institutions in India. Since its inception in 1979, the institute has established itself as a centre of high repute engaged in imparting quality education through innovative teaching learning process, best practices and providing support to Research & Developmental activities. The institution is recognized by AICTE, affiliated to VTU Belgaum, beneficiary of TEQIP phase II program of World Bank, accredited twice by NBA besides having academic autonomy. The institution offers Under Graduate programs in seven disciplines and eight Post Graduate programs across the departments.

**Directions: Nearest Railway stations: Dharwad (3 km) and Hubballi (20 km).**

