

NPTEL WORKSHOP

JOINTLY ORGANIZED BY

NPTEL, IIT MADRAS
&
SDM COLLEGE OF ENGINEERING AND
TECHNOLOGY

28th February 2015

at

SDM COLLEGE OF ENGINEERING AND
TECHNOLOGY
DHARWAD-580002

Registration Form

Please go to http://nptel.ac.in/workshop_details.php and fill the form OR send the scanned copy of filled registration form to us by email to nptel@sdmcet.ac.in before 10th February 2015.

Travel Reimbursement Guidelines and TA Form is uploaded in the College Website www.sdmcet.ac.in

Name of the Institute _____

Address _____

Contact Number _____ Fax _____

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:

- Discuss ways of accessing NPTEL course material- *free and easy downloads from NPTEL website*
- Identify faculty/ institutions interested in creating / supporting courses
- Familiarize the user community with courses in their respective areas of interest
- Discuss ways of integrating NPTEL courses with existing teaching
- Obtain feedback on course quality & ways of improving NPTEL courses

Nomination of faculty members and Librarians is being sought for this workshop from each institution.

ELIGIBILITY: Engineering, Science & Management faculty / Principals / HODs / Librarian (Max of 6 or 10 faculty from each institution)

REGISTRATION: There are **No registration fees** 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 10th February 2015** by email to nptel@sdmcet.ac.in

SDM College of Engineering and Technology:

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The workshop details are available at:

http://nptel.ac.in/workshop_details.php

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

www.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
DHARWAD-580002

On

28th February, 2015

at

SDM COLLEGE OF ENGINEERING AND
TECHNOLOGY
Dharwad-580002

Phone: 0836-2447465, Fax: 0836-2464638

E-Mail: nptel@sdmcet.ac.in

Website: 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. A significant fraction of teacher population is young and inexperienced and holds only an undergraduate degree. Therefore, it is important for institutions like IITs, IISc, NITs and other leading Universities in India to disseminate teaching/learning content of high quality through all available media. NPTEL would be among the foremost and is an important step in this direction and uses technology for dissemination.
- India needs many more teachers for effective implementation of higher education in science, technology and professional courses. Therefore, methods for training young and inexperienced teachers to

enable them carry out their academic responsibilities effectively are a must. NPTEL contents can be used as core curriculum content for training purposes.

- 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.

NPTEL project has currently more than 770 courses available, in which about 398 courses have been developed in video format, with each course comprising of approximately 40 or more one-hour lectures. The remaining are web courses in engineering/science and humanities and have been developed in text format with animations and other interaction. The project will complete this task for a total of 1619 courses by next year.

NPTEL video repository is the largest and most viewed/accessed educational repository in the world. It has been visited by 11.4 crore (11 million) viewers in the YouTube alone. They are available for use and free downloads by anyone from the NPTEL website. The videos cover more than 20 science and engineering branches and also extend to management, humanities and social sciences. The videos are being supplemented by text, quizzes and assignments. The web courses are complete courses with text, quizzes and animations.

How will NPTEL help the community?

Course contents are useful for teacher training and help improve the quality of students. In addition, course materials (both web and video) are freely accessible by everyone independent of their geographic location. These courses are currently used by professionals and industry also for updating their academic background. Open and distance education using NPTEL contents are long term prospects for IITs. The contents will help evolve criteria for focused learning and a common set of standards for arts, science and professional education in India through participation by everyone

concerned with teaching and learning. Link for accessing NPTEL Courses
<http://nptel.iitm.ac.in/>
<http://www.youtube.com/iit>

About the Institute:

Shri Dharmasthala Manjunatheshwara College of Engineering & Technology, Dharwad was established in the year 1979 under the flagship of SDM Education Society and has grown into one of the Nationally Acclaimed Premier Engineering Institutions of the Country. President of SDM Education Society Padmabhushana Dr. Veerendra Heggade, Dharmadhikari of Sri Kshetra Dharmasthala is the guiding spirit and driving force for all progress and achievement of all the institutions established under SDM Education society. SDM Education society runs more than 30 institutions imparting quality education in all over the state including medical and dental colleges.

Under the expert leadership and guidance of management, principal and competent faculty, SDM College of Engineering and technology is making successful strides towards new horizons and aims to scale greater heights. institution has been consistently rated high ranking (within 50) amongst private engineering colleges of the country.

Due to its commendable achievements over a period of time, this college has been accredited twice by the national board of accreditation and owing to its academic excellence over the years it has also been conferred with autonomous status by Visvesvaraya Technological University (VTU), Belgaum & University Grants Commission, New Delhi. It is also one of the very few Private Engineering Colleges in the Country, selected for Technical Education Quality Improvement Programme (TEQIP) By World Bank.

SDMCET has got another feather in its cap by achieving TEQIP-II [1.2] with rigorous exercise and stringent eligibility criteria of Ministry of Human Resource Development, with a grant of Rs.100.00 Lakhs [in Dec.12] and Rs.100.00 Lakhs [July 13]. Out of the grant received, TEQIP-II is envisaged for scaling up post graduate education and demand driven research development and innovation. Grants to the tune of Rs.32.70 Lacs also received from AICTE, TU, VGST, KSCST. Institution also able to generate 33.30 Lacs.