NPTEL WORKSHOP

JOINTLY ORGANIZED BY

**NPTEL, IIT MADRAS
&
GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD
&
GOVT. GIRLS POLYTECHNIC, SURAT.**

**MAY 20, 2012
at
Govt. Girls Polytechnic, Surat**

Registration Form

Please fill this form and send us by email to pankaj_pmp@rediffmail.com before 17th May,

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 _____

Travel allowance would be provided to all the participants as per NPTEL rules and regulations

*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 is being sought for this workshop from each institution.

ELIGIBILITY: Engineering, Science & Management faculty / principal /HODs

(Max of 4 or 5 faculty from each institution)

REGISTRATION: There is **no registration fee** for the workshop

Note: NPTEL **will not** reimburse participants for accommodation

Participation certification will be given to all the participants

Only outstation participants are eligible for Travel allowance as per NPTEL rules. In order to allow us to make all arrangements to the best of our ability, kindly **send us the filled up registration form on or before 17th May 2012 by email to pankaj_pmp@rediffmail.com**

**Contact person: Prof. P. M. Patel
Contact No: 9825022025
Email: pankaj_pmp@rediffmail.com**

The workshop details are available at:

- **http://nptel.iitm.ac.in,**
- **www.gtu.ac.in**
- **www.ggpsurat.org**

ONE DAY WORKSHOP ON NPTEL

National Programme on Technology Enhanced Learning

Jointly organized by

NPTEL, IIT MADRAS

&

GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD

&

GOVT. GIRLS POLYTECHNIC, SURAT

on

**MAY 20, 2012
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GOVT. GIRLS POLYTECHNIC, SURAT

What is NPTEL?

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

The main objective of *National Programme on Technology Enhanced Learning* (NPTEL) is to enhance the quality of engineering education in the country by developing curriculum based video and web courses. These courses cover the syllabus prescribed by universities 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 and technologists is far more than the number of qualified graduates that Indian technical 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 majority of teachers are young and inexperienced and are undergraduate degree holders. 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 an important step in this direction and will use technology for dissemination.

- India needs many more teachers for effective implementation of higher education in 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, through NPTEL, will have access to quality content from them. All those who are gainfully employed in industries and all other walks of life and who require continuous training and updating their knowledge can benefit from well-developed and peer-reviewed course contents by the IITs and IISc.

In the first phase of the NPTEL project, around 261 courses are available, comprising 136 courses developed in video format, with each course comprising of approximately 40 or more one-hour lectures. Supplementary content for 125 web courses in engineering/science and humanities have been developed.

We are very happy to say that NPTEL Phase I has become the largest and highly viewed video repository in the world. It has reached 5 million channel views in youtube. The Phase II has proposed around 1016 courses, which covers 24 branches by discipline. The content (Video and web courses) is available for free on www.nptel.iitm.ac.in.

How will NPTEL help the community?

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

About the Institute:
Govt. Girls Polytechnic, Surat established in 1965 with vision of the donor Late Shree Dalichand Shroff to educate the girls.

Now a day we are conducting six diploma courses and few short term courses for females, which makes them capable to be self sustain.

We put our maximum heartily effort to educate our student and build their professional carrier.