NPTEL WORKSHOP

JOINTLY ORGANIZED BY

NPTEL, IIT MADRAS
&
IST JNTU HYDERABAD
24TH AUGUST 2018
at
IST JNTUH
KUKATPALLY, HYDERABAD-500085
Registration link
https://goo.gl/forms/bhwturMDxGm5X2if1
Or
Registration Form
Please fill this form and send it to us by email to
ist.nptel@**gmail.com before 20th August 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 20th August 2018 by email to** ist.nptel@gmail.com

Chief Patron:
Prof. A. Venugopal Reddy
Vice-Chancellor, JNTU Hyderabad

Chairman:
Prof B. Veknateswara Rao
Director

Convener:
Prof. K. Venkateswara Rao
Professor & Head of Nanotechnology
Dept. of CNST
Email ist.nptel@**gmail.com**

For Further Information Contact:
Mr. D. Rakesh   - 8520965512
Mr. G.Shiva Shanker – 9989330338,
The workshop details are available at:

- http://nptel.ac.in
- www.jntuhist.ac.in
- http://jntuh.ac.in

ONE-DAY WORKSHOP ON

NPTEL

National Programme on Technology

Enhanced Learning

Jointly organized by

NPTEL, IIT MADRAS

&

Institute of Science and Technology
JNTUH, Hyderabad-500085

On
24th August 2018

at
IST- Jawaharlal Nehru
Technological University Hyderabad

Kukatpally, Hyderabad -85
Telangana state
Phone: +91-40-23156128:

E-Mail: ist.nptel@gmail.com
Website: www.jntuhist.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:
- 1500+ courses in 22 disciplines;
- 430+ million NPTEL Site visits
- 300+ million YouTube views (We have a dedicated YouTube channel)
- 42,000+ hours of video;
- 39,000+ 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 : **40 Lakhs**
- Number of exam registrations so far: **2.7 Lakhs**
- Next run of certification courses in July 2018: **269 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:

Jawaharlal Nehru Technological University, Hyderabad, was established on 2nd October 1972 by the Legislature of the State of Andhra Pradesh as the first Technological University in the country. It has been in the forefront for the past 44 years in providing quality technological education of relevance in the State of Andhra Pradesh. After 36 years of existence it was restructured into 4 different Universities by the Government vide Government Ordinance No.13, dated 18th August 2008 and Act of State Legislature No.30 dated September 2008 and this new University has been designated as Jawaharlal Nehru Technological University Hyderabad (JNTUH). JNTUH is situated in a sprawling 89-acre campus at Kukatpally, Hyderabad.

Institute of Science & Technology is one of the autonomous academic units of Jawaharlal Nehru Technological University Hyderabad and located within the JNTUH campus. The Institute had been established in 1989 with the vision of being recognized as a good teaching as well as research institute and imparting technical education with strong domain of knowledge, contemporary skills and positive attitude towards holistic growth of young minds.