ONE-DAY WORKSHOP ON NPTEL

National Programme on Technology
Enhanced Learning

Jointly organized by
NPTEL, IIT MADRAS
&

LAXMI INSTITUTE OF TECHNOLOGY,
Laxmi Vidyapeeth,
Sarigam – 396155
Tel.: Umberagaon, Dist.: Valsad, Gujarat.

on
7th April, 2017
at

“Dhwani” Auditorium

Time: 10 AM to 1:30 PM

E-Mail: lit.hodec@laxmi.edu.in
Website: http://lit.laxmi.edu.in/

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 submit the online registration form on or before 31st March 2017.

Chief Patron:
Mr. George Thomas
Director, Laxmi Vidyapeeth

Patron:
Dr. B V Patil
Director, Laxmi Institute of Technology

Coordinator:
Prof. Nandlal Dhandhukia
SPOC- NPTEL Local Chapter LIT
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The workshop details are available at:
- http://npTEL.ac.in
- http://lit.laxmi.edu.in/

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
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.

Some current statistics about NPTEL are:
- 1000+ courses in 23 disciplines;
- 290+ million Google visits to the website;
- 205+ million YouTube hits; (We have a dedicated YouTube channel)
- 2000+ hours of video;
- 15000+ 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, IMSc, etc. which are of duration 4/8/12 weeks.
- 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) and the student gets a certificate.

Some statistics about this are:
- Courses completed so far: 225
- Users enrolled across courses = 10.5 lakhs+
- Number of students registered for exam: 64000+
- Next run of certification courses in Jan 2017: 130+
- Number of Local Chapters: 800+

http://onlinecourses.nptel.ac.in
http://nptel.ac.in/noc
https://nptel.ac.in/LocalChapter

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 10TB (2x4TB+2TB) 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 Gajera Trust:
Laxmi Vidyapeeth is owned and operated by Smt Shantaben Haribhai Gajera Charitable Trust, Surat.

The educational institutions - Laxmi Vidyapeeth at Sarigam, Gajera Sankul at Amreli, Gajera Vidya Bhavan at Surat; Orphanage & old home - Vatsalyadham at Surat stand for the family's commitment to Indian society. Apart from establishing Institutes of international reknown that practice and realize excellence, the Trust yearns to create a social and technological revolution in the most unattended areas of our Nation's economy.

About LVS:
This temple of learning is located in a sprawling 120 acres campus with facilities to match the imaginations of the elites. In a serene environment away from the city, the lush green atmosphere of Laxmi Vidyapeeth provides the students a system that is a perfect blend of modern techniques and traditional values facilitating the enhancement of their physical, mental, social and spiritual values. Smt Shantaben Haribhai Gajera Charitable Trust, Surat has been nourishing this temple of learning since June 2007. It was started with the perspective of trust, understanding and respect.

About LIT:
Laxmi Institute of Technology has been at the forefront in imparting the training to bridge the gap between institute and industry and working for the benefit of the society.

Laxmi Institute of Technology conducts UG programs of Mechanical, Electrical, Civil, Computer Science, Information Technology, Electronics and Communication Engineering and Diploma courses, enriched with renowned professionals, equipped with state-of- art technology for teaching learning process focusing to research. We have strengthened relation with IIT Mumbai for virtual lab and other MNCs. International exposure is on the way for faculty development program, project development program to place Laxmi Institute of Technology among the top ranked colleges.

http://nptel.ac.in
http://www.youtube.com/iit