NPTEL WORKSHOP

JOINTLY ORGANIZED BY

NPTEL, IIT Madras
&
Gujarat Technological University

11th July 2019
at
Gandhinagar Institute of Technology

Registration Form

Please fill this form and send it to us by email to nptel@git.org.in before 04th July 2019

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 _____

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
- SWAYAM-NPTEL Local Chapter – how colleges and NPTEL can work together and interact directly

ELIGIBILITY:

Principal, HODs or Faculty Members of Engineering, Science & Management Institutes.
(Max of 3 from each institution)

REGISTRATION:

Fill up the Online Form on or before 04th July 2019 and send the scanned copy of completed Registration Form by email to nptel@git.org.in within 2 days of filling the online form.

https://forms.gle/wyLSfR72gbUxkoTQA

There is no registration fee for the workshop.

NOTE: **Travel Allowance & Workshop Kit** would be provided to all the participants as per NPTEL rules and regulations. NPTEL **will not be able to** reimburse participants for accommodation. **Participation certificate** will be given to all the participants.

Chief Patron:
- **Prof. (Dr.) Navin Sheth,**
  Vice Chancellor, GTU

Patron:
- **Dr. H. N. Shah**
  Principal, GIT

Coordinators:
- **Prof. Nirav Joshi**
  HoD, Mechanical Engg. Department
- **Prof. Ashish Majithiya:** 9723456982
  Single Point of Contact (SPoC),
  SWAYAM-NPTEL Local Chapter, GIT
- **Prof. Mitul Maniar:** 7567360883
- **Prof. Amit Patel:** 7600010215

The workshop details are available at:
- http://nptel.ac.in
- http://git.org.in/circulars

ONE-DAY WORKSHOP ON NPTEL

National Programme on Technology Enhanced Learning

Jointly organized
by

NPTEL, IIT Madras

&

Gujarat Technological University

at

Gandhinagar Institute of Technology

On
11th July, 2019

Gandhinagar Institute of Technology
Khatraj-Kalol Road, Moti Bhoyan,
Ta: Kalol, Dist: Gandhinagar,
Gujarat 382721, India
Contact: 99044 05900/01
E-mail: nptel@git.org.in
Website: www.git.org.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 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:
• 1700+ courses in various disciplines;
• 471+ million NPTEL Site visits
• 404+ million YouTube views. (We have a dedicated YouTube channel)
• 50,000+ 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 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); If the candidate writes and passes the exam, he/she will get a certificate.

Some statistics about this are:
- Courses completed so far: **1300**
- Number of enrollment so far : **6.6 Millions**
- Number of exam registrations so far: **6.7 Lakhs**
- Next run of certification courses in July 2019: **358 courses**
https://onlinecourses.nptel.ac.in
http://nptel.ac.in/noc

Initiatives in the pipeline:
- Translation of English transcripts of NPTEL videos into 8 regional languages.
- Workshops on current technologies by industry.
- Exploring internships/interview opportunities with companies we are partnering with.
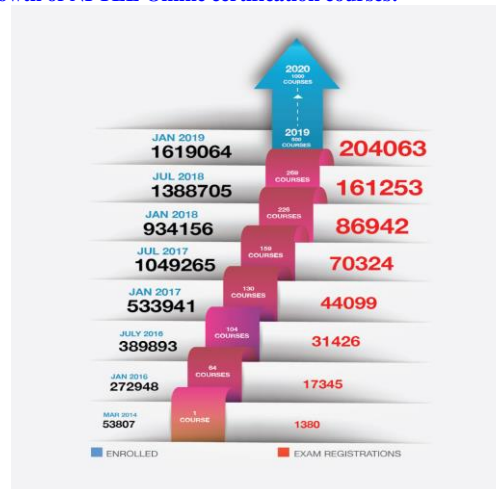- Domain certificates.

SWAYAM-NPTEL Local Chapter: It is a partnership between the college and NPTEL. Fill this form and send us letter from the head of the institution along with contact details of a Coordinator from the institute. http://nptel.ac.in/LocalChapter.
Local chapter addition link -
https://nptel.ac.in/LocalChapter/request_login.php

NPTEL Content: Send us 19TB (4x5TB) external hard disks and get the entire NPTEL content copied, which can be hosted on the LAN at your college for viewing and download by any user.

Growth of NPTEL Online certification courses:

About GTU

Gujarat Technological University is a premier academic and research institution which has driven new ways of thinking since its 2007 founding, established by the Government of Gujarat vide Gujarat Act No. 20 of 2007. Today, GTU is an intellectual destination that draws inspired scholars to its campus, keeping GTU at the nexus of ideas that **challenge** and **change** the world.

GTU is a State University with 486 affiliated colleges in its fold operating across the state of Gujarat through its FIVE zones at Ahmedabad, Gandhinagar, Vallabh Vidyanagar, Rajkot and Surat. The University caters to the fields of Engineering, Architecture, Management, Pharmacy and Computer Science. The University has about 4,00,000 students enrolled in a large number of Diploma, Under Graduate, Post Graduate programs along with the robust Doctoral program. GTU has emerged as an **International Innovative University** in its pursuit of bringing innovation and internationalization in professional education. GTU is a pioneer in introducing some innovative learning methodology like "**Active Learning**", a classroom created online.

The **GTU Innovation Council** is the most active and applauded for its work in the country engaged in training, developing and nurturing the young minds towards an ideology to innovate.

About GIT

Gandhinagar Institute of Technology was established by Platinum Foundation Trust in December 2006. The Institute is affiliated to Gujarat Technological University and approved by AICTE New Delhi.

The Institute aims to be a leading center for research and engineering study, pursuing knowledge in both fundamental and applied area, and collaborating closely with business and industry in promoting technological innovation and economic development. The members of the trust are involved in the social activities and are also promoting the technical interest of the state and country by contributing to the technical institution development. Gandhinagar Institute of Technology is situated near Village "Moti Bhoyan" and 24 km away from Ahmedabad city.

It offers B.E Program in Mechanical Engineering, Civil Engineering, Electrical Engineering, Computer Engineering, Information Technology and Electronics & Communication Engineering. It also offers M.E. in Mechanical Engineering with specialization in Thermal Engineering and CAD / CAM and M.E. in Software Engineering in Computer Engineering. It also offers MBA Program with specialization in Marketing, Finance, Human Resource and Information Systems. Gandhinagar Institute of Technology will nurture the intellectual growth of its students and serve humanity through creation, application and dissemination of knowledge relevant to technology and become one of the premier Engineering and Management Institutes and achieve the highest order of excellence in teaching.

TRAVEL REIMBURSEMENT GUIDELINES

- Soft copy of TA form will be mailed from NPTEL office, IIT Madras. Copies need to be made and added to the workshop kit.

NOTE:

- ❖ **Without travel tickets, reimbursement will not be done. Please ensure to enclose travel ticket along with TA form for all participants and delegates while reimbursing.**
- ❖ **Please settle the TA for all participants at the end of the workshop.**
- ❖ Carefully go through the TA rules and regulations. Please have one person from your Institute Accounts section to be present at the workshop to take care of the accounts.
- ❖ The expenditure statement, as given in the guidelines, should be prepared and submitted to the NPTEL accounts for settling the accounts.
- ❖ Please have TA reimbursement ready while reimbursing the TA claims of the participants.

Travel Reimbursement Rules:

1. *Travel* fare will be *reimbursed* <u>only</u> with the submission of tickets. This is mandatory.
2. **Original onward train ticket/ bus ticket/ Taxi fare ticket and photocopy of return ticket should be provided for travel reimbursement.**
3. Travel allowance for all participants will be reimbursed towards the end of the workshop.
4. Only round trip fare from the participant's institution to your institution will be reimbursed. Maximum permissible distance (one way) for reimbursement is 100km (unless prior approval is sought from the concerned IIT/IISc).

Bus travel:

For local participants, bus fare from/to city will be reimbursed.

Using personal car:
Participants traveling by their own car should remit a copy of their RC book and should declare the distance travelled. They will be paid **Rs 12/km.**

Using Travel Cab
The original bill as charged by the travel services should be submitted for reimbursement.

Travel by Train
For those traveling by train, the reimbursement will be equivalent to the **II A/C train fares** from the participant's city to the city of the host institute.

Local Conveyance
Local conveyance (railway/bus station to venue of workshop) will be reimbursed only on production of taxi/auto receipt.

The TA forms (along with all the tickets/bills submitted) should be sent to the NPTEL office. Each TA form should be signed by the concerned participant and the organizing institute.