

NPTEL WORKSHOP

Jointly organized by
NPTEL, IIT MADRAS

&

SREE BUDDHA COLLEGE OF ENGINEERING, ALAPPUZHA
21st JULY 2017

at

SREE BUDDHA COLLEGE OF ENGINEERING

Pattoor, Nooranad, Alappuzha-690529

Registration Form

Please fill this form and send it to us by email to sbcenptelspoc@gmail.com
before 10th July 2017

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 10th July 2017 by email to sbcenptelspoc@gmail.com

Coordinator at SBCE:

Ms. Lakshmi S.

Dept. of CSE

Email: lakshmi.rnath@gmail.com

Mobile No.: 9526083404/9446990563

The workshop details are available at:

- <http://nptel.ac.in>
- www.sbce.ac.in

ONE DAY WORKSHOP ON NPTEL

National Programme on
Technology Enhanced Learning

Jointly organized by



NPTEL

NPTEL, IIT MADRAS

&



SREE BUDDHA COLLEGE OF ENGINEERING
PATTOOR, ALAPPUZHA

on

21st July, 2017

at

SREE BUDDHA COLLEGE OF ENGINEERING
Pattoor, Nooranad, Alappuzha, PIN: 690529

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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:

- 1200+ courses in 23 disciplines;
- 230+ million Google visits to the website;
- 370+ million NPTEL Site visits
- 270+ million YouTube views
(We have a dedicated YouTube channel)
- 30,000+ hours of video;
- 19,000+ 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, IMSc, 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) and the student gets a certificate.

Some statistics about this are:

- Courses completed so far: 355
- Number of students certified: 79000+ certified
- Next run of certification courses in July 2017: 150+ 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 10TB (2x5TB) 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 SBCE, Alappuzha:

Sree Buddha College of Engineering, Alappuzha established in 2002 by the Sree Buddha Educational Society, a charitable organization promoted by the Sree Buddha Foundation, is an AICTE approved institution affiliated to A. P. J. Abdul Kalam Technological University.

The institute offers UG and PG programmes in Civil, Mechanical, Electrical and Electronics, Electronics and Communication, Computer Science and Engineering and Biotechnology and Biochemical Engineering. Besides receiving several honors the college is also accredited by the National Assessment and Accreditation Council (NAAC) and recognized under Section 2(f) of the UGC Act. Situated in the rural area of Pattoor, Alappuzha District of Kerala, the college aims to provide quality engineering education to aspiring candidates from similar backgrounds.

