

## NPTEL WORKSHOP

JOINTLY ORGANIZED BY

NPTEL, IIT MADRAS

&

**VIMAL JYOTHI ENGINEERING COLLEGE**

**17<sup>th</sup> JUNE 2016**

at

**VIMAL JYOTHI ENGINEERING COLLEGE**

**Chemperi, Kannur, kerala-670632**

### Registration Form

Please fill this form and send it to us by email to [jithinkjose@vjec.ac.in](mailto:jithinkjose@vjec.ac.in) before 13<sup>th</sup> June 2016

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 13<sup>th</sup> June 2016 by email to [jithinkjose@vjec.ac.in](mailto:jithinkjose@vjec.ac.in)**

### **Coordinator at VJEC:**

**Prof. Jithin K. Jose**  
Assistant Professor,  
Dept. of EEE  
Email: [jithinkjose@vjec.ac.in](mailto:jithinkjose@vjec.ac.in)  
Mobile No.: 08547156458

### **For Further Information Contact:**

**Convener at VJEC**  
**Prof. Laly James, HOD-EEE**  
Mobile No.:09447367945

**The workshop details are available at:**

- <http://nptel.ac.in>
- [www.vjec.ac.in](http://www.vjec.ac.in)



## ONE-DAY WORKSHOP ON NPTEL

*National Programme on Technology*

*Enhanced Learning*

Jointly organized by

NPTEL, IIT MADRAS

&

**VIMAL JYOTHI ENGINEERING COLLEGE**  
**Chemperi, Kannur, kerala-670632**

on

**17<sup>th</sup> JUNE 2016**

at

**VIMAL JYOTHI**  
**ENGINEERING COLLEGE**

**Chemperi, Kannur, kerala-670632**  
**Phone:0460-2213399, 2212240,**  
**Fax: 0460-2213513**

**E-Mail: [jithinkjose@vjec.ac.in](mailto:jithinkjose@vjec.ac.in)**  
**Website: [www.vjec.ac.in](http://www.vjec.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:

- 1000+ courses in 23 disciplines;
- 230+ million Google visits to the website;
- 144+ million YouTube hits; (We have a dedicated YouTube channel)
- 18000+ 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, 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) and the student gets a certificate.

Some statistics about this are:

- Courses completed so far: **122**
- Number of students certified: **27000+**
- Next run of certification courses in July 2016: **85+**
- Unique users on the portal = **6 lakhs+**
- Users enrolled across courses = **7 lakhs+**

<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 8TB (2x4TB) 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:

Vimal Jyothi Engineering College (VJEC) is an educational project of the Archdiocese of Thalassery established in the year 2002 and is managed by Meshar Diocesan Educational Trust. The college is approved by AICTE and affiliated to APJ Abdul Kalam Technological University (KTU). VJEC is a self-financing catholic minority institution aiming at generating a fervor for Engineering and Technology in students. Here we inspire, nurture and foster them to realize their career potential in the field of Engineering and Technology.

With profound insight into the resource requirements of the higher education system, VJEC has proudly set up world-class infrastructure complemented with intellectual capital in the form of competent faculty. Many of the facilities are way beyond the regulatory requirements aiming for learning beyond the syllabus to address the requirements of the industry. These material facilities along with value addition programs and student support systems are the integral facets of empowerment at VJEC. Digital library, industry supported project labs, language lab, and student chapters of professional bodies such as IEEE, ISOI, IETE, SAE, CSI offer an extensive range of resources, opportunities and services to the outcome based teaching learning process. Effective implementation of quality control processes ensure Engineering graduates with the expected level of knowledge, skill and attitude.