

## NPTEL WORKSHOP

Jointly Organized by

NPTEL, IIT Madras &  
K.Ramakrishnan College of Technology

27<sup>th</sup> July- 2018  
at

**K.Ramakrishnan College of Technology,  
Samayapuram, Trichy-621 112**

### **REGISTRATION FORM**

**Please fill this form and send it to us by email to  
[akbarkrct@gmail.com](mailto:akbarkrct@gmail.com) before 20th July 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 Objective:**

- 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 20<sup>th</sup> July 2018 by email to [akbarkrct@gmail.com](mailto:akbarkrct@gmail.com)

Coordinator at K.Ramakrishnan College of Technology:

**Mr.S.Syedakbar**

**Dept. of ECE**

**Email: [akbarkrct@gmail.com](mailto:akbarkrct@gmail.com)**

**Mobile No.: 9715171741**

**For Further Information Contact:**

**1.Mr.S.Saravana Kumar ::9944122362**

**2.Mr.S.Prasad Jones ::8148967933**

**The workshop details are available at:**

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



## ***One Day Workshop on NPTEL National Programme on Technology Enhanced Learning***

Jointly organized  
by

**NPTEL, IIT MADRAS**

**&  
K.RAMAKRISHNAN COLLEGE OF  
TECHNOLOGY  
TIRUCHIRAPPALLI-621 112**

**on  
27<sup>th</sup> JULY, 2018  
at**

**K.Ramakrishnan College of Technology  
Affiliated to Anna University  
Accredited by NAAC A+  
Certified by ISO 9001:2015  
Samayapuram, Tiruchirappalli Dist.  
Tamil Nadu, Pin: 621 112  
Phone:,0431-2670 799  
Website: [www.krct.ac.in](http://www.krct.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.

Some current statistics about NPTEL are:

- 1400+ courses in 23 disciplines;
- 430+ million NPTEL Site visits
- 300+ million YouTube views (We have a dedicated YouTube channel)
- 40,000+ hours of video;
- 33.000+ hours of transcribed text material

## 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

## NPTEL Local Chapter

It is a partnership between the college & 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

Some statistics about this are:

- Courses completed so far: **740**
- Number of enrollment so far : **36 Lakhs**
- Number of exam registrations so far: **2.7 Lakhs**
- Next run of certification courses in July 2018: **270 courses**

<https://onlinecourses.nptel.ac.in>

<http://nptel.ac.in/noc>

**NPTEL video repository is the largest and most viewed/accessed educational repository in the world.**

## About the Institute

K. Ramakrishnan College of Technology (KRCT) is located at Samayapuram, the temple town of Tiruchirappalli district. The college was established in 2010 by K. Ramakrishnan Education and Charitable Trust. The Institution is approved by AICTE and affiliated to Anna University, Chennai. The Institution is accredited by **NAAC A+** in the year 2016 and certified by **ISO 9001:2015** in the year 2017.

The college was founded with the noble aim of imparting growth by revamping & sharpening the technical knowledge and abilities of the students. The college maintains high standards in education, provides a wide array of world class academic facilities, employs highly qualified and experienced faculty and creates an ambience conducive to top quality education. The college is committed to provide quality education and hence its mission statement: "Education should end with employment"

Currently institution is offering the 5 UG and 3PG courses.

UG Courses	PG Courses
B.E.CIVIL	***
B.E.CSE	M.E.CSE
B.E.EEE	M.E.Power Electronics & Drives
B.E.ECE	M.E.Embedded System Technologies
B.E.MECHANICAL	***

## About the Local Chapter

NPTEL Local Chapter was established at K.Ramakrishnan College of Technology in July 2016. As per the performance of the students, K.R.C.T is recognized as an Active Local Chapter by NPTEL

[http://nptel.ac.in/LocalChapter/college\\_homepage.php?collegeid=306](http://nptel.ac.in/LocalChapter/college_homepage.php?collegeid=306)