

NPTEL WORKSHOP

JOINTLY ORGANIZED BY

NPTEL, IIT MADRAS

&

KUPPAM ENGINEERING COLLEGE

12th SEPTEMBER 2018

at

Kuppam Engineering College,

KES Nagar, Tirupattur Road, Kuppam -517425.

Chittoor District, Andhra Pradesh

Registration Link

<https://goo.gl/forms/YqLb8nxVdGtJg4Iz2>

Please fill this form and send it to us by email to rasaduraik@kec.ac.in on or before 10th September 2018, **Registration Form**

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 September 2018 by email to rasaduraik@kec.ac.in**

Coordinator:

Prof. Dr. K. Rasadurai,
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For Further Information Contact:

- 1. Mr. A. Ravindrakumar, Asso.Prof, Cell: 99598 16730**
- 2. Mr. V. Sekhar, Asso. Prof., Cell: 97010 37500**

The workshop details are available at:

- **<http://nptel.ac.in>**
- **www.kec.ac.in**



ONE-DAY WORKSHOP ON NPTEL

*National Programme on Technology
Enhanced Learning*

Jointly organized by

NPTEL, IIT MADRAS

&

**KUPPAM ENGINEERING COLLEGE
KUPPAM – 517425, CHITTOOR DIST. A.P.**

on

12th SEPTEMBER, 2018

at

KUPPAM ENGINEERING COLLEGE
(Approved by AICTE, Affiliated to JNTUA, Accredited by NAAC,
Recognition of UGC under 2(f) & 12 (B))

**KES Nagar, KUPPAM – 517425,
CHITTOOR DIST. A.P.**

E-Mail: mail@kec.ac.in

Website: www.kec.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:

- 1500+ courses in 22 disciplines;
- 430+ million NPTEL Site visits
- 300+ million YouTube views (We have a dedicated YouTube channel)
- 42,000+ hours of video;
- 39,000+ 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 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.

Some statistics about this are:

- Courses completed so far: **740**
- Number of enrollment so far : **40 Lakhs**
- Number of exam registrations so far: **2.7 Lakhs**
- Next run of certification courses in July 2018: **269 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 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.

About the Institute:

Kuppam Engineering College (KEC) was inaugurated by the technology savvy Hon'ble Chief Minister of Andhra Pradesh Sri. N. Chandra Babu Naidu garu on 11-09-2001. The Institute was promoted by a well-known Philanthropist Mr. B. C. Nagaraj, Founder Chairman of BCN Group of Institutions. KEC is accredited by NAAC, certified by ISO 9001:2008 and recognized by UGC under 2(F) & 12(B). KEC is graded 'A' by the Government of Andhra Pradesh. KEC building is constructed on a sprawling 55 acres campus of elevated land surrounded by pollution free lush green scenic vegetation on the north fringe. It is well connected by road and rail. It is only 105 Kms away from Bangalore, 180 Kms away from Chennai and 110 Kms away from Chittoor. Nearest railway station is Kuppam and nearest airport is Bangalore. KEC runs the following Under Graduate, Post Graduate and Research programs with an objective to uplift the rural society.

UG Programs:

1. Civil Engineering
2. Electrical & Electronics Engineering
3. Electronics & Communication Engineering
4. Mechanical Engineering
5. Computer Science and Engineering

PG Programs:

1. M.Tech. (Power Electronics)
2. M.Tech. (Embedded Systems)
3. M.Tech. (VLSI)
4. M.Tech. (Machine Design)
5. M.Tech. (Computer Science and Engineering)
6. Master of Business Administration

KEC has well established laboratories, dedicated and devoted staff members in the various Departments of Engineering and Humanities and Sciences. The ambience in the Institute is good and encourages the students to take part in co-curricular and extracurricular activities for an overall development of the students. In order to improve the employability of the students graduating, KEC imparts value added skills through Andhra Pradesh State Skill Development Corporation, ORACLE Academy, Microsoft, Texas Instruments, CISCO and Auto desk. The Andhra Pradesh State Skill Development Corporation in collaboration with SIEMENS has established a skill development centre to help the students attain skills apart from their curriculum for better employability prospects.

Kuppam Educational Society in addition to KEC also established Kuppam Public School, Kuppam Junior College, Kuppam Polytechnic, Kuppam Degree College, Kuppam Teacher Training Institute and Kuppam College of Nursing for educational development of the society in and around Kuppam.

Sri. B.C.Nagaraj, Founder Chairman of KEC is recently awarded "Excellence in the field of education in rural area" by Andhra Pradesh State Government. The award has been presented to him by the Chittoor District Collector Sri. P.S. Pradyumna IAS, on the 69th Republic Day Celebrations in Chittoor on 26-01-2018.