Dronacharya College of Engineering

ONE-DAY AWARNESS WORKSHOP ON NPTEL

Jointly organized by

NPTEL, IIT MADRAS
&
Dronacharya College of Engineering

on

Jan 20th, 2018
10.00 AM to 1.30 PM
@
Dronacharya College of Engineering,Gurgaon
Khentawas, Farrukhnagar,
Gurgaon (Haryana) - 122506

Contact
DR. SRI KRISHAN YADAV
MS. ASHU KHURANA

ashu@ggnindia.dronacharya / Mobile : 8750939091

NPTEL WORKSHOP

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Dronacharya College of Engineering

20th January2018

at

Dronacharya College of Engineering

Khentawas, Farrukhnagar, Gurugram, Haryana

Registration Form

Please fill this form and send it to us by email to ashu@ggnindia.dronacharya.info before 1st January 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: _____E-mail:_____

 2. _____Discipline: _____

Mobile: _____ E-mail:_____

3. _____Discipline: _____

Mobile: _____E-mail:_____

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.

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.

To allow us to make all arrangements to the best of our ability, kindly send us the completed registration form on or before 1st January 2018 by email to: ashu@ggnindia.dronacharya.info

Coordinator at the college:
　　Ms. Ashu Khurana (Asstt. Prof.)
　　Dept. of Computer Science
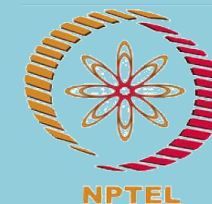　　Email: ashu@ggnindia.dronacharya.info
　　Mobile No.: +91-8750-93-9091

For Further Information Contact:
　　Mr. Ashish Gambhir (Mob: +91-9711-22-4190)
　　Dr. Jyoti Anand (Mob: +91-9992-03-2800)

The workshop details are available at:
- **http://nptel.ac.in**
- **www.dronacharya.info**

DRONACHARYA
College of Engineering

ONE-DAY WORKSHOP ON NPTEL

National Programme on Technology Enhanced Learning

Jointly organized by:

NPTEL, IIT MADRAS
&
Dronacharya College of Engineering
Khentawas, Gurugram-123506

on

20th JANUARY 2018

at

Dronacharya College of Engineering
Khentawas, Farrukhnagar Gurugram
Haryana, Pin: 123506
Phone: 0124-2375501/02/03/04

E-Mail: principal@ggnindia.dronacharya.info
Website: www.ggnindia.dronacharya.info

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
  - 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:
- 1300+ courses in 26 disciplines;
- 400+ million visits to NPTEL website;
- 280+ million YouTube views (We have a dedicated YouTube channel)
- 37,000+ hours of video;
- 22,000+ hours of text material for download.

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 are 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:

1. Courses completed so far: 514
2. Number of students certified: 79000+ certified
3. Next run of certification courses in Jan 2018: 200+ 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 the Institute:

Dronacharya College of Engineering, Gurugram is one of the prominent Engineering colleges in NCR & Haryana imparting technical education since 1998. The college is permanently affiliated to Maharshi Dayanand University, Rohtak; approved by All India Council for Technical Education(AICTE), New Delhi; Accredited by NAAC (National Assessment & Accreditation Council) and NBA (National Board of Accreditation); ISO 9001:2008 and ISO 14001:2004 Certified; recognized under Para 2(f) and 12(b) of UGC(University Grants Commission), New Delhi and winner of Outstanding Institution Award (2013) by National Institute of Technical Teachers Training and Research (Ministry of HRD, Government of India). Located amidst the serene environment, sylvan surroundings in an enchanting landscape, DCE, Gurugram provides to the Engineering aspirants an ambiance, most conducive to theoretical and practical learning, enabling them to be most useful and successful future technocrats. The college strives to cater explicit and implicit needs of the mankind in general.

DCE is **Remote Center** of IIT Bombay / IIT Kharagpur to conduct various ISTE workshops under NMEICT project; **Remote Center** of NITTTR Chandigarh to conduct various ICT workshops; **Resource Centre** of IIT Bombay for Spoken Tutorial Project; **Nodal Center** of Virtual labs by IIT Delhi; **Local Chapter of NPTEL** program managed by IIT Madras and various **students chapters** for **IEEE, CSI, ISTE, SAEINDIA etc.** College offers B. Tech. degree in eight Branches–Computer Science and Engineering, Electronics & Communication Engineering, Mechanical Engineering, Information Technology, Civil Engineering, Electronics & Computer Engineering, Electrical & Electronics Engineering and Computer Science & IT and also Postgraduate program (M. Tech.) in Mechanical Engineering, Electronics & Communication Engineering, Computer Science and Engineering and Information Technology.