NPTEL WORKSHOP

JOINTLY ORGANIZED BY

NPTEL, IIT MADRAS
&
VARDHAMAN COLLEGE OF ENGINEERING HYDERABAD

9th July, 2016
at
VARDHAMAN COLLEGE OF ENGINEERING
(Autonomous)
Shamshabad – 501 218, Hyderabad, T. S., India
e-mail : nptel.vardhaman@gmail.com
www.vardhaman.org

REGISTRATION FORM

Registration link : http://goo.gl/forms/hZQs3zexo3

Please fill this form and send it to us by email to madhu3566@gmail.com before 1st July 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.

HEAD OF THE INSTITUTE :

Dr. S. Sai Satyanarayana Reddy
Principal
E-mail : principal@vardhaman.org

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 1st July 2016.
E-mail : madhu3566@gmail.com

Coordinator :
Mr. N. Madhu
Assistant Professor, Department of ECE,
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Mr. B. Muralidhar (Transport Manager) : 9959224954

The workshop details are available at:
- http://nptel.ac.in
- www.vardhaman.org.

ONE-DAY WORKSHOP ON

NPTEL
National Programme on Technology Enhanced Learning

9th July, 2016

Jointly organized by

NPTEL, IIT MADRAS
&

VARDHAMAN COLLEGE OF ENGINEERING
Hyderabad

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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:
- 900+ 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, 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: **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

Vardhaman College of Engineering was established in 1999 with an endeavour to impart high quality Technical Education and innovative research in the fields of Engineering technologies, with emphasis on industry oriented programs for development of students as well as faculty. Vardhaman College of Engineering is affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad, and is approved by the All India Council for Technical Education (AICTE), New Delhi.

The prime objective of Vardhaman College is to update and modernize the quality of professional education. Its aim is to employ innovative teaching methods which carry an emphasis on fast changing technological trends. This is to integrate classroom learning with actual work experience in the industry concerned or in a related professional field. In the course of continued march towards excellence the VCE was credited with the status of an Autonomous College by UGC and accredited by NAAC with 'A' Grade.

USPs

- Emphasis on continuous evaluation
- Recession proof education
- Choice based credit system
- Results within three weeks
- Industrial training / Internship Compulsory
- Design projects in every year
- Open ended experiments
- Learner centric systems
- Interdisciplinary subjects
- Professional electives
- Open electives
- Value added courses
- Soft Skills Training
- Laboratories are enriched with design approach
- Enhancing critical thinking and problem solving skills
- Technical fests / Cultural fests
- Hobby workshops
- Career Guidance
- Placement & Training
- Student Corner in VCE Website
- Biometric Attendance for Students & Faculty
- Teachers Assessment Examination (TAE)
- Society Centered Activities (NSS / EPICS)
- Graduation Day