NPTEL WORKSHOP
JOINTLY ORGANIZED BY
NPTEL, IIT MADRAS &
DON BOSCO COLLEGE OF ENGINEERING
21st July 2018
at
DON BOSCO COLLEGE OF
ENGINEERING
Fatorda, Goa 403 602

Registration Form
Please fill this form and send it to us by email to
roseline.fernandes@dbcegoa.ac.in before 18th 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 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 18th July 2018 by
e-mail to roseline.fernandes@dbcegoa.ac.in

Coordinators:
Prof. Roseline Fernandes
Department of Science and Humanities
Email: roseline.fernandes@dbcegoa.ac.in
Mobile No.: 9822144509

For Further Information Contact:
Ms. Avila Naik - 9833990103

The workshop details are available at:
• http://nptel.ac.in
• www.dbcegoa.ac.in

ONE-DAY WORKSHOP ON
NPTEL
National Programme on Technology
Enhanced Learning
Jointly organized by
NPTEL, IIT MADRAS &
DON BOSCO COLLEGE OF
ENGINEERING
on
21st July 2018
at
DON BOSCO COLLEGE OF
ENGINEERING
Fatorda
Goa, Pin: 403 602
Phone: 0832 -2741045
E-Mail: dbcefatorda@dbcegoa.ac.in
Website: www.dbcegoa.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 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 : 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 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:
Don Bosco College of Engineering (DBCE), Fatorda, managed by the Fatorda Salesian Society was started in the year 2011 with the mission of equipping the younger generation with technical knowledge, moral and spiritual approach to face global challenges. It has been approved by DTE – Government of Goa, AICTE – New Delhi and is affiliated to Goa University.

The college within a span of seven years has carved a niche for itself by imparting high quality technical education, counseling, entrepreneurial skill development, staff welfare and empowerment, research work, employability of its graduates, strengthening its industry-institute interaction, infrastructure and service to society.

The college has focused on providing an all-round development of the students that strikes a balance between academics, technical proficiency, sports and cultural excellence. The students undertake industrial internships; projects and case studies that help them get practical exposure. Research and literature review is encouraged.

Federation of Indian Chamber of Commerce and Innovation (FICCI) in association with our institution is setting up a Defence Incubation and Startup Center, the aim of which is to build world class technological facilities in Defence related sector, Information and Communication Technology (ICT), and Agriculture. It will promote innovation, entrepreneurship and facilitate links between academia, research institutions and industry. Goa is the first state to establish an incubation center for Defence startups and the same will be established in our campus.

Our college staff and students have been actively engaging themselves with the NPTEL courses and exams since the last two years.