

Indian Institute of Technology Madras
Chennai – 600 036

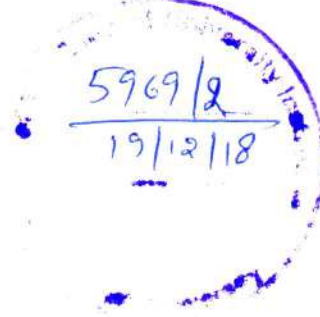
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भारतीय प्रौद्योगिकी संस्थान 19/12/18
चेन्नै – ६०० ०३६

दूरभाष : ००९१-४४-२२५७ ०६९४ / ००९१-४४-२२५७ ८००१
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प्रो. भास्कर राममूर्ति
Prof. Bhaskar Ramamurthi
निदेशक
Director and Chairman, PIC, NPTEL Project



To

Professor Raj Kumar
Vice Chancellor
Panjab University
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Chennai
03/12/2018

Sub: Upcoming NPTEL Online Certification Courses – Jan-Apr 2019

Greetings from NPTEL, IIT Madras.

The National Programme on Technology Enhanced Learning (NPTEL) was initiated by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Roorkee, Guwahati and Madras) along with Indian Institute of Science, Bangalore under the Ministry of Human Resources Development, Govt. of India in 2003 for the creation of web and video courses in various disciplines of engineering, basic sciences, management and humanities. Currently more than **1500+** courses are available on the web portal <http://npTEL.ac.in> for viewing and download at no cost.

NPTEL is the National MOOCs Coordinator for Engineering of SWAYAM, a National MOOCs portal, which is again an initiative of MHRD. As per the gazette notification of UGC and AICTE in August 2016, up to 20% of courses can be taken from MOOCs on SWAYAM for credit by Universities and colleges in India upon adoption and approval by the respective Academic councils; hence NPTEL online certification courses can be taken for credit transfer in this manner. About 15-20% of the total exam certified participants are faculty members from various colleges and hence these programmes are helping in faculty development and improvement. The advanced courses are also recognized by AICTE as FDP.

Since March 2014, we have been offering open online courses under NPTEL on the portal <https://onlinecourses.nptel.ac.in> which are similar to the MOOCs offered in platforms like edX, Coursera or FutureLearn, etc. UG/PG, core/elective any kind of course can be offered under this initiative. There is no fee charged for any of this.

It is similar to a course run on campus - except that everything happens online. Every week, about 2.5-3 hrs of recorded video lessons and an assignment based on it are made available. There is a discussion forum to facilitate clarification of doubts by participants.

Where we differentiate ourselves from other platforms is that at the end of the course, we offer the students the option for registering for an in-person proctored exam for a nominal fee. Only those who register and write the exam and score more than 40% will get a certificate from the CCE of the IITs/IISc.

Prof. R.K. Singh
19.12.2018
DHI

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18/12/18

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Our numbers since March 2014:

Courses offered: **1009**

Enrollments: **5.0 million+**

Exam registrations: **4.3 lakhs+**

NPTEL ONLINE CERTIFICATION COURSES FOR CREDIT TRANSFER

The Board of Academic Courses (IIT Madras Senate) meeting held on 11.08.2016 resolved to approve permitting BTech/ Dual Degree students at IIT Madras to take NPTEL online courses for a maximum of 7 credits. Similarly IIT Roorkee, IIT Palakkad and IIT Tirupati have implemented credit transfer from NPTEL Online Certification courses. We urge you to introduce a similar crediting mechanism in your esteemed institution too.

NPTEL Local Chapters – partnership with colleges:

NPTEL partners with around **2100+ colleges** (engineering/ management/Arts and Science colleges) in the form of NPTEL Local chapters. Each college has a coordinator with whom NPTEL works closely to encourage maximum participation of students as well as faculty. Local Chapters are rated in each semester based on performance further motivating the colleges to participate in full rigour. For a full list of partnering colleges, please go to this link (http://nptel.ac.in/LocalChapter/list_of_colleges.php)

Internships/Workshops for course toppers

NPTEL has recently embarked on an initiative - NPTEL Industry Associate - to bridge the gap with the industry wherein they can co-offer courses in their area of expertise, conduct workshops for NPTEL certified students in niche domains, offer internships, etc. Course toppers are provided an opportunity to take internship with industry /course instructor. Toppers are also given an opportunity to participate in workshops conducted by IIT faculty and/or industry experts.

COURSES OPEN FOR CERTIFICATION THIS SEMESTER

Currently **290 courses** are open for enrollment on the portal <https://onlinecourses.nptel.ac.in>, Request you to share this with your students/faculty who may be interested in taking up these courses (course booklet and posters attached).

Thank you.

Warm Regards,



Prof. Bhaskar Ramamurthi