



Enhancing the National Programme on Technology Enhanced Learning



NPTEL was initiated by seven IITs (Bombay, Delhi, Kanpur, Kharagpur, Roorkee, Guwahati and Madras) along with Indian Institute of Science, Bangalore (IISc). It is a programme under the Ministry of Human Resources Development, Govt. of India. Currently, 1000 plus web and video courses are available on the portal <http://nptel.ac.in>.

Through an online portal, <https://onlinecourses.nptel.ac.in> NPTEL offers 10hr, 20hr and 30hr courses of 4, 8, and 12 weeks duration respectively in various engineering disciplines, sciences, humanities and management.

We are offering open online courses on the model of MOOCs, to which anyone can enroll for free and learn while the course certificate is given based on an in-person proctored exam that involves a fee.



Objective of the project:

The objective is to make high quality learning material available to students of engineering institutions across the country, free of cost. Provide a branding opportunity to business houses that support content creation and scholarships.

Expected Outcome:

NPTEL will strive to increase all key metrics. Current metrics stand as follows

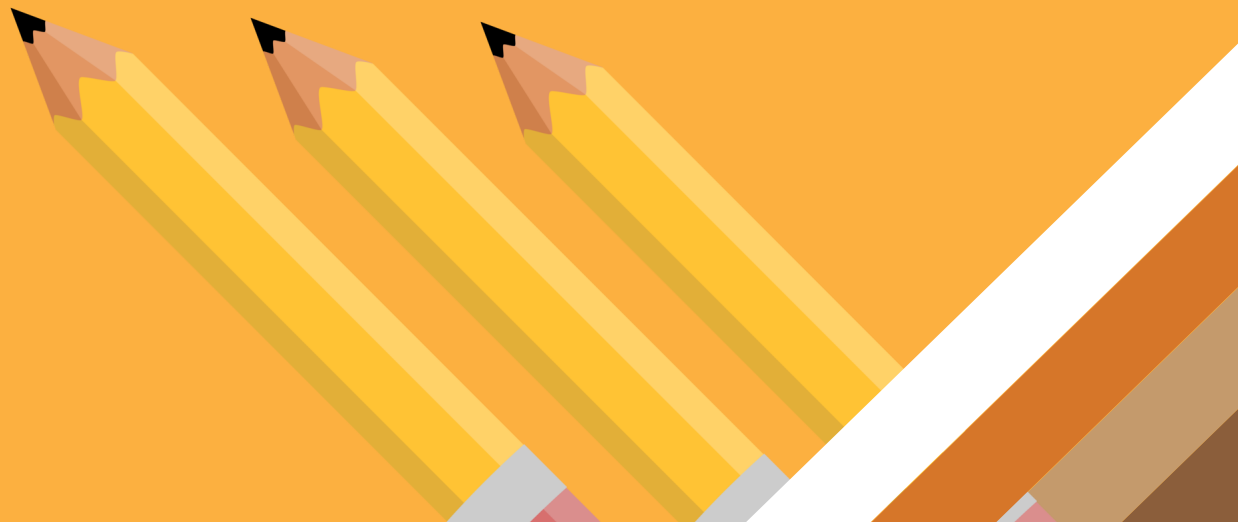
Number of courses available: 930+; Total number of views: 440 million+
Number of videos hours available: 20000+;
Number of hours of video transcribed: 15000+
Number of hours subtitled: 11000 +;
Number of youTube channel subscribers: 5.5lakhs+

For the online courses we run (<https://onlinecourses.nptel.ac.in>):

Number of courses completed: 125;
Number of enrollments to the courses: 7 lakhs+
Number of proctored examinations conducted and users certified: 28000+
Number of courses to be offered in July 2016: 93

Target Population/ Beneficiary:

Faculty and students in engineering and other educational institutions across India and the world form the target population.



Time Line and Budget:

NPTEL can be supported in the following ways,

Aid for financially needy students to register for the certification exams
(Fee waiver for 200 students = one lakh INR)

Co-offer courses and certificates with faculty of IITs and bring in the industrial experience to the course

Provide internships and employment opportunities to students who do well in the courses

Faculty

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