NPTEL: Create a MOOC of your course

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2003-2014: CONTENT CREATION AND REPOSITORY FOR SELF LEARNING
2014-: CERTIFICATION FROM THE IITs/IISc
NPTEL impact

• 1500+ courses
• 40K+ hours of video
• 330M+ youtube views

Online certification since 2014
• 740 courses
• 4.2M+ enrolments
• 270K+ exam registrations
• 80-90% pass percentage
NPTEL learner profiles

• 77% college students
• 15% faculty
• 8% industry

• 60% male
• 40% female

Reasons for taking NPTEL course

• Credit transfer
• GATE
• Placement
• Explore new domains
NPTEL LOCAL CHAPTERS (SINCE APRIL 2015)

EXAM REGISTRATIONS (86,000+)
NUMBER OF WORKSHOPS (270)
LOCAL CHAPTERS (1900+)
91% EXAM REGISTRATION FROM 10 STATES

SWAYAM - NPTEL LOCAL CHAPTERS

NPTEL partners with colleges across India as Local Chapters. A coordinator at the college helps take the initiative forward.
Why should we participate?

- Outreach – Make courses available to students
- Identify talent – Invite toppers to become interns
- GATE - Get better prepared M.Tech students

- Honorarium
  - New course (12 weeks) - 4.5 L for faculty; 1.5 L for TAs.
  - Rerun course (12 weeks) - 1.5 L for faculty; 1.5 L for TAs.
How do we participate?

• Decide - 10 hours (4 weeks), 20 hours (8 weeks), 30 hours (12 weeks)
• Propose course and syllabus (week-wise plan) to NPTEL

• Create content (2.5 hour content need to be released per week)
• Create Assignments (one per week) and question paper (2 sets)
• Identify TAs (Minimum 2 TAs for checking the discussion forum, posting announcements etc.)
• Evaluate final scores of NOC (NPTEL Online Certification) exam

• Re-run alternate semesters (50% students pass)
<table>
<thead>
<tr>
<th>Discipline</th>
<th>Faculty</th>
</tr>
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<tbody>
<tr>
<td>BioTechnology</td>
<td>Sanjeeva Srivastava; Shamik Sen; Ranjith Padinbateeri</td>
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<td>Chemical</td>
<td>Supreet Saini; Ganesh Vishwanathan; Sujit Jogwar</td>
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<td>Chemistry</td>
<td>Debrabrat Maiti; Nand Kishore; M.S. Balarishna; P. Ghosh; C.P. Rao; Anindya Dutta; B.L. Tembe</td>
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<td>Civil</td>
<td>J.N. Mandal</td>
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<td>Computer Science</td>
<td>Abhiram Ranade</td>
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<tr>
<td>Electrical</td>
<td>K. Sankaran; Mahesh Patil; Girish Kumar; V.M. Gadre; Jayanta Mukherjee; S.N. Merchant; Vivek Agarwal; Swaroop Ganguly</td>
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<tr>
<td>Maths</td>
<td>Inder Rana; Dilip Patil</td>
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<tr>
<td>MEMS</td>
<td>M. P. Gururajan</td>
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<td>Physics</td>
<td>Dipan Ghosh; U. A. Yajnik; Ramadevi</td>
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Interested?

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