CDEEP-NPTEL-IITBombayX

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IIT Bombay
Goal

• Assist IITB faculty members offer their course(s) to remote learners

• Provide a single interface to outreach projects:
  • CDEEP – NPTEL – IITBombayX
CDEEP

• Live classroom:
  • Recording of your classroom course
  • Transmission available to interested institutions

• Recorded lectures:
  • Available to your own students for revision
  • Run the course for a remote audience, with reduced instructor interaction
  • Some external students also sign-up to view these in self-study mode

• Course can be a regular IITB course, or topics/modules (e.g., for a remote CEP course)
CDEEP – Requirements from faculty

• A Declaration Form for making the course contents available under Creative Commons Licence

• TAs as per IIT Bombay norms for regular courses
• Selection of Slot and Venue as per IITB timetable

• Willingness to make changes in your ‘teaching style’ to ensure that your course is suitable for remote learners
• Slides to be created as per given template
NPTEL

• MOOC:
  • Studio recording of courses
  • 3 modes – 10 hours (4 weeks); 20 hours (8 weeks); 30 hours (12 weeks course)

• Repurposing:
  • Creation of MOOC can be from CDEEP courses recorded earlier
  • A course can be re-run alternate semesters

• Only for regular IITB courses; other courses go through IITBombayX
NPTEL – Requirements from faculty

• Full syllabus template (week wise plan)

• A minimum of 2.5 hour content need to be released per week

• Minimum 2 TAs for checking the discussion forum, posting announcements etc. throughout the course run

• Assignments for each week

• 2 different sets of Question papers

• Evaluation of final scores of NOC (NPTEL Online Certification) exam
IITBombayX

• MOOC
  • Studio recording
  • More modular courses than those through NPTEL or CDEEP
  • Teacher Training MOOCs, Technical Skills MOOCs, Life Skills MOOCs

• Hybrid MOOC
  • MOOC with periodic live interaction with participants

• edX
  • Courses can be offered on worldwide edX platform

• Teacher training, Skills courses; IITB courses routed through NPTEL
IITBombayX – Requirements from faculty

• Consent to release course under Creative Commons License (by-sa)

• Course creation timeline starts at least 1 month before course is offered

• Timely review of content created – videos, activities, transcripts, handouts

• TAs to monitor discussion forum
Student view

1. Register at IITBX and Enroll for course
2. Study periodic course content
3. Meet deadlines on Assessments
4. Face-to-face interactions with Faculty
5. Final examination leading to completion of course
6. Completion Certificate
Honorarium

• No honorarium to faculty / TAs if only classroom recordings are done
• Honorarium upon MOOC creation, through NPTEL or IITBombayX:

<table>
<thead>
<tr>
<th>For new courses</th>
<th>Faculty (honorarium in lakhs)</th>
<th>TA (honorarium in lakhs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 hour/ 12-week</td>
<td>4.5</td>
<td>1.5</td>
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<tr>
<td>20 hour /8-week</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>10 hour /4-week</td>
<td>1.5</td>
<td>0.5</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>For Re-run courses</th>
<th>Faculty (honorarium in lakhs)</th>
<th>TA (honorarium in lakhs)</th>
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<tbody>
<tr>
<td>30 hour/ 12-week</td>
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<tr>
<td>10 hour /4-week</td>
<td>0.5</td>
<td>0.5</td>
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<tr>
<td>Modes at a glance</td>
<td>CDEEP</td>
<td>NPTEL MOOC</td>
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<tr>
<td><strong>#1 Video Creation</strong></td>
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<tr>
<td>a. Video Recording</td>
<td>3 hours per week 14 weeks</td>
<td>2.5 hours of content delivery per week for 4, 8, or 12 weeks</td>
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<tr>
<td>b. One Recording session duration</td>
<td>As per IITB time table 1 hr or 1.5 hr.</td>
<td>One module time duration is maximum 30 min</td>
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<tr>
<td>c. TAs requirement</td>
<td>As per IITB norm</td>
<td>Minimum 2 TAs per course</td>
</tr>
<tr>
<td><strong>#2 Teaching mode</strong></td>
<td>Modular / Regular Lecture</td>
<td>Modular</td>
</tr>
<tr>
<td><strong>#3 Evaluation</strong></td>
<td>As per IITB procedure based on Assignments, Quizzes, exams</td>
<td>Weekly Assignments - 25%</td>
</tr>
<tr>
<td></td>
<td>Offline</td>
<td>Final question paper - 75%</td>
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<tr>
<td></td>
<td>Offline</td>
<td>Offline and Online</td>
</tr>
<tr>
<td><strong>#4 Course Fee</strong></td>
<td>As per participation Free or Paid</td>
<td>Enrollment is Free Fee is charged for writing exam</td>
</tr>
<tr>
<td><strong>#5 Certification</strong></td>
<td>IITB Grading system</td>
<td>Grading policy giving Elite, Gold or Silver grade</td>
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For more information

Write to head.cdeep@iitb.ac.in with copy to cdeep@iitb.ac.in

Thank You!