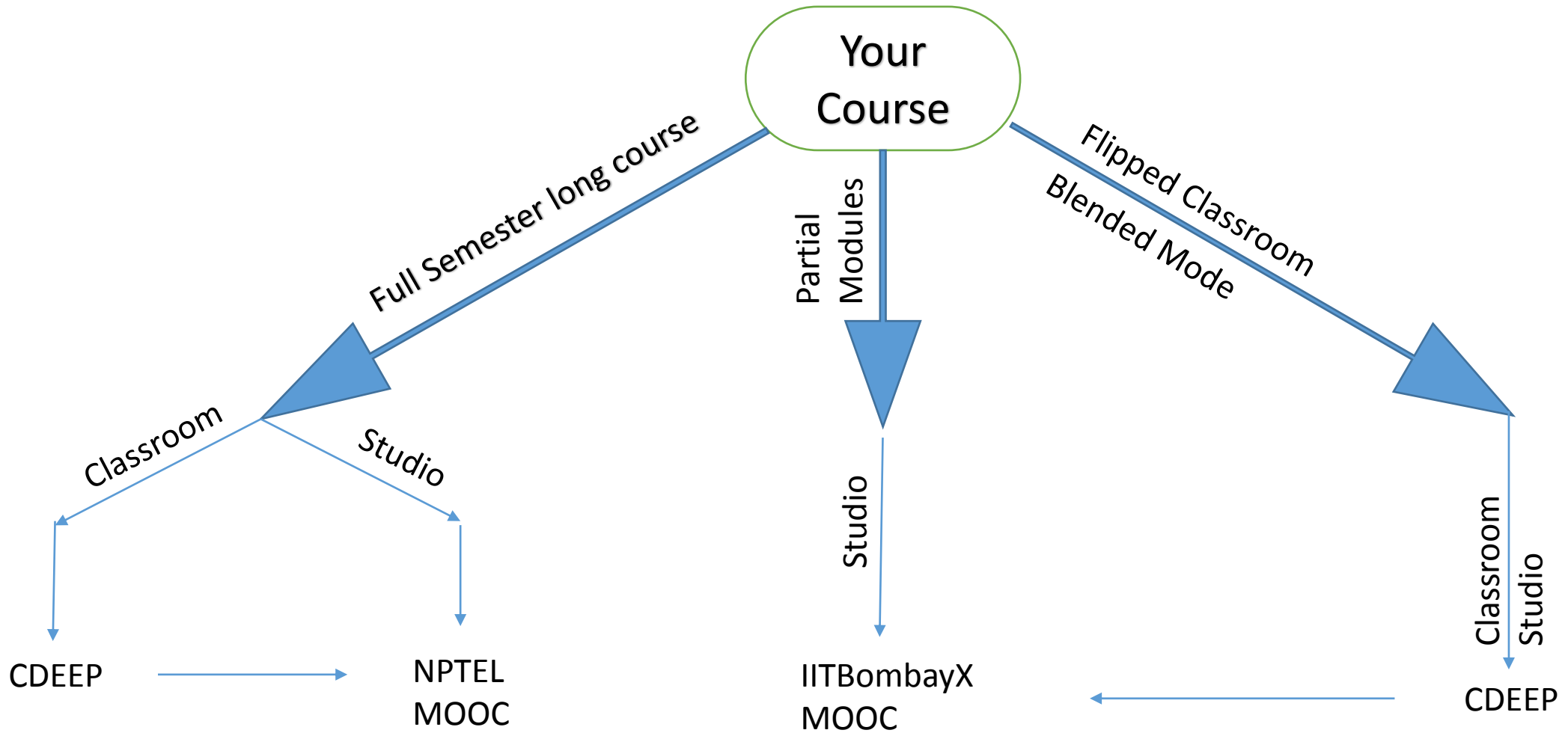# CDEEP-NPTEL-IITBombayX

Sridhar Iyer

Head, CDEEP

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
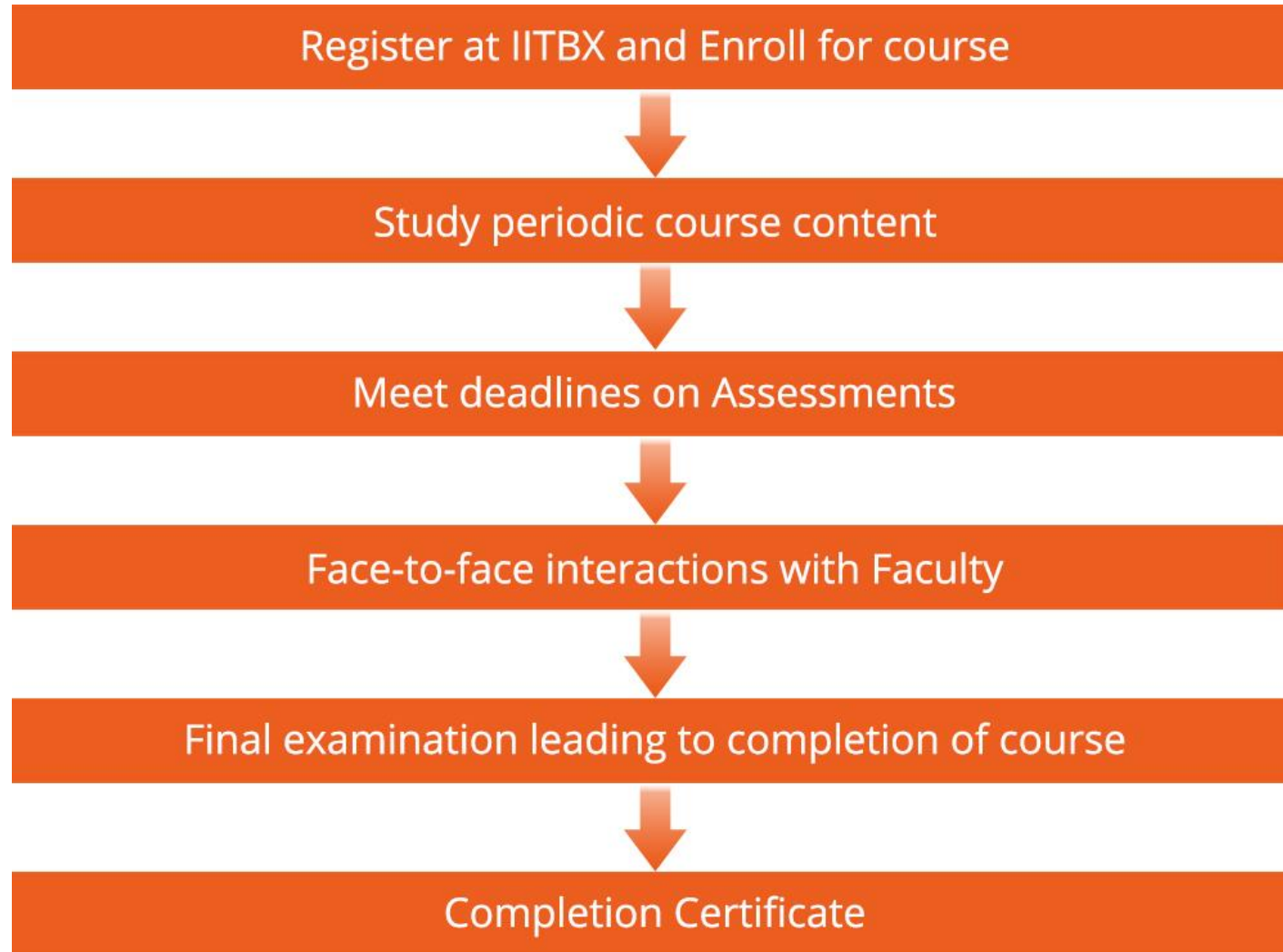- Evaluation of final scores of NOC (NPTEL Online Certification) exam

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

Register at IITBX and Enroll for course

↓

Study periodic course content

↓

Meet deadlines on Assessments

↓

Face-to-face interactions with Faculty

↓

Final examination leading to completion of course

↓

Completion Certificate

Honorarium

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

For new courses	Faculty (honorarium in lakhs)	TA (honorarium in lakhs)
30 hour/ 12-week	4.5	1.5
20 hour /8-week	3	1
10 hour /4-week	1.5	0.5
For Re-run courses		
30 hour/ 12-week	1.5	1.5
20 hour/ 8-week	1	1
10 hour /4-week	0.5	0.5

Modes at a glance

	CDEEP	NPTEL MOOC	IITBombayX MOOC
#1 Video Creation			
a. Video Recording	3 hours per week 14 weeks	2.5 hours of content delivery per week for 4, 8, or 12 weeks	3 hours of content per week to be uploaded in 3 to 12 weeks
b. One Recording session duration	As per IITB time table 1 hr or 1.5 hr.	One module time duration is maximum 30 min	One module time duration is maximum 15 min
c. TAs requirement	As per IITB norm	Minimum 2 TAs per course	Minimum 2 TAs per course
#2 Teaching mode	Modular / Regular Lecture	Modular	Modular with - Instructor paced - Hybrid - Self-paced
#3 Evaluation	As per IITB procedure based on Assignments, Quizzes, exams	Weekly Assignments - 25% Final question paper - 75%	
	Offline	Offline and Online	only Online
#4 Course Fee	As per participation Free or Paid	Enrollment is Free Fee is charged for writing exam	Free or Paid Course Registration is mandatory
#5 Certification	IITB Grading system	Grading policy giving Elite, Gold or Silver grade	As per Grading policy of the course. Honour code certification

For more information

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

Thank You!