



# From Funnel to Tunnel

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OPENEDX  
2017 CONFERENCE  
[Expanding potential](#)

# MOOCs from IIT Bombay

- Offered MOOCs on edX in 2014
- IITBombayX started in 2015, offered Blended MOOCs
- Now also used for Teacher Training T10KT (Hybrid)

*IITBombayX since 2015*

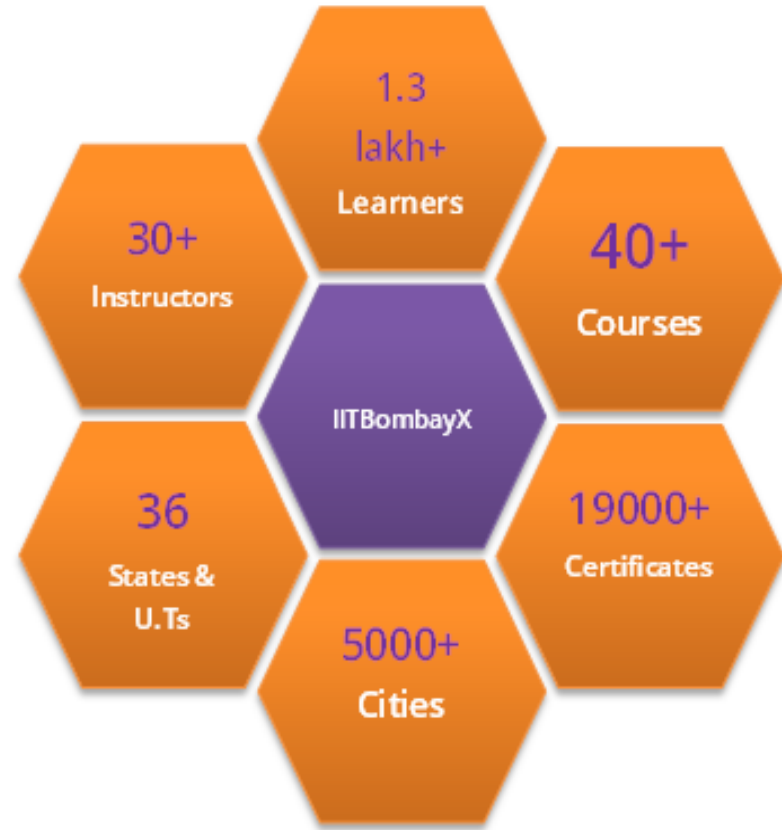
Learners: 130,000

Certified: 19,231 (14.6%)

# Reach of IITBombayX

- Platform can handle large numbers
- More instructors offering courses
- Moving to Ficus on large cloud

We wish to focus on **retention of the participants within the course**



# Hybrid or Blended Model

# Combine Online with F2F

Deliver in two ways, simultaneously

- a MOOC
- the 'facilitators' of learning: **Teachers**

**Indian experiment in 2015 with 50 colleges**

## Non-Hybrid Courses

Learners  
109,538

Certified  
11,788  
(10.7%)

## Hybrid Courses

Learners  
20,462

Certified  
7,443  
(36.3%)

# From Funnel to Tunnel

Motivating learners to spend quality time in the MOOCs

1. Engaging students in active learning
2. Monitoring and providing personalized feedback
3. Offering some open-ended problems
4. Inclusion of group projects and team work
5. Getting local teachers to engage and motivate

# Interventions

- Setting up WhatsApp groups (because learners are there!)
- Personalised telephonic conversations with few
- Organizing ‘meetups with instructor’ in various towns and cities using Google hangouts, A-View, Skype, **personal visits**
- **Local support through college mentors (Hybrid model)**

## 3<sup>rd</sup> Offering

**32.4**

Got  
Certificates

**82.3%**  
participants got  
certificates,  
who  
interacted

Participants were  
offered internships  
by Animation  
Studios and  
eLearning  
companies

## 2<sup>nd</sup> Offering

**20.0**

Got  
Certificates

**46.6%**  
participants  
got  
certificates,  
who  
interacted

## 1<sup>st</sup> Offering

**8.9**

Got  
Certificates

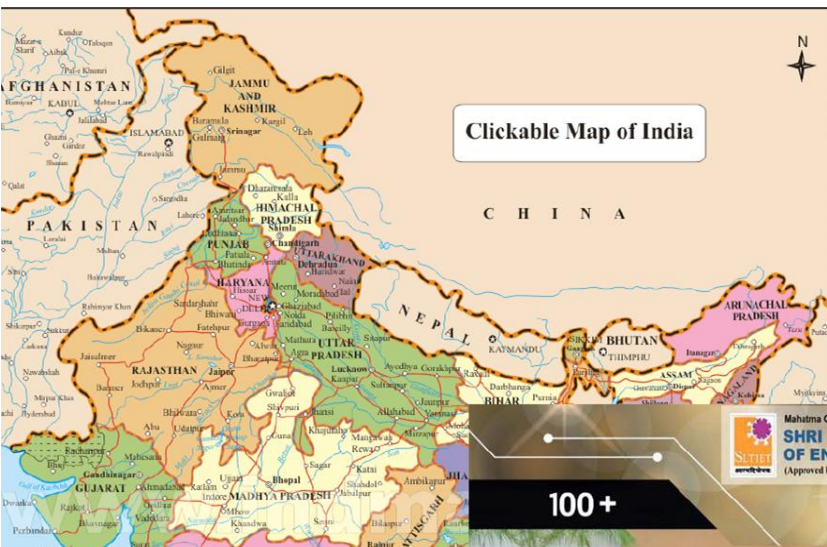
Experience in a  
Skilling Course on  
Animation



# Punch Kanyas of Borawan

Handling exceptions





# Blender'ers of Rajkot

Mahatma Gandhi Charitable Trust Managed  
**SHRI LABHUBHAI TRIVEDI INSTITUTE OF ENGINEERING & TECHNOLOGY**  
(Approved by AICTE & Affiliated with GTU)

**100+**

**SLTIETANS**



**SUCCESSFULLY COMPLETED IIT BOMBAY CERTIFIED ONLINE ANIMATION COURSE**

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## Local Hand-holding

# Faculty Training for adopting Hybrid MOOCs

Two faculty Development programs (FDPs)

- Foundation and **Pedagogy**
- Designed and offered as **hybrid MOOCs**
- First FDP Offering:  
4,000 paying participant-teachers, 2,300 qualified
- Aim to train 300,000 teachers in next two years

# Platform extensions for Hybrid Offering.

## MIS Dashboard for local teachers

- Can upload data of local students
- Can view and download progress of these students
  - Performance in each assessment
  - score for each question, in a multiple question quiz

# Open edX Distribution for individual Institutes.

Configurable front-end on Drupal

Local instances can run on LAN

- Better bandwidth
- Supervised online exams without any additional cost

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