

Emerging Technologies for Effective Teaching & Learning

Continuing Education Program for Next Education India Pvt Ltd

Organized by Educational Technology, IIT Bombay
September 19-21, 2019



IIT Bombay

Next Education India Pvt
Ltd



IIT BOMBAY

IIT Bombay – NextEducation Teacher Training MOOCs

Gargi Banerjee

IIT Bombay – NextEducation MOOCs



Pedagogy for effective use of ICT for school teachers

Course	Total Teachers Certified
ET611Tx	2,815
ET621Tx	656



Schools

IITBombayX - ET621Tx
Ended - Oct 7, 2018



[View Archived Course](#)

Course Data (2017-2018)

- 4-week courses
- Partially sponsored by NextEducation

Instructors : IITB faculty & Research Scientists

Each course ran 3 times

Participants : school teachers across India & Tanzania, Middle East, UK

Overview of ET611Tx MOOC



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Course Structure

- Platform primer (Pre-course activity)
- Technology & Pedagogy primer
- Active learning & classroom strategies
- Effective integration of visualizations in classrooms
- Putting it all together



ET611Tx MOOC : Experience Sharing

Think-Pair-Share

<https://www.youtube.com/watch?v=vJWIAIhM3so&feature=youtu.be>

0:49 – 2:27 – 4:45 – 5:03 -8:49

Peer Instruction

<https://www.youtube.com/watch?v=DXW8qgXne8o&feature=youtu.be>

ET611Tx MOOC : Experience Sharing

Innovations by teachers (voice chart), (voizometer)

Active Learning Strategies from ET611Tx MOOC by IITBombayX.in

Voice Levels	ध्वनि स्तर
0 Silence is Golden Absolute silence. No one is talking.	0 मौन स्वर्णिम है पूर्ण मौन। कोई भी बात ना करे।
1 Spy Talk Whispering. Only 1 person can hear you.	9 जासूस मोड फुराफुराना। केवल एक व्यक्ति सुन सकता है।
2 Low Flow Small group work. Only the group can hear	२ हलके हलके छोटे समूह में काम के लिए। केवल आपका समूह सुन सकता है।
3 Formal Normal Normal conversation voice. Presenting voice.	३ आम काम सामान्य बातचीत का ध्वनि स्तर। प्रस्तुत करने का ध्वनि स्तर।
4 Out of Control Playground voice. Never used inside	४ अनियंत्रित खेल मैदान का ध्वनि स्तर। गवन के अन्दर कभी भी ना करे।

7:00 / 8:12 [Scroll for details](#)

Chitra Kapoor Rola Good morning ET611Tx team , here is the picture of Voizometer that has been used in class to control the noise level . Arrow shows the level as green signifies peaceful class, yellow- little noisy and red- very noisy class. This is placed near the switch board as the class become noisy I mark the arrow to red and switch off the fans & light . Children immediately understand why is that happen , what teacher is expecting and how to bring the level back to green .





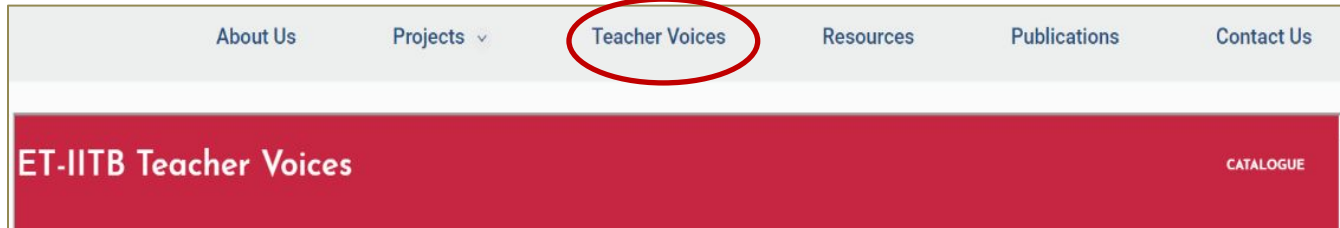
ET611Tx MOOC : Teacher Testimonial

I am teaching Biology to the Higher Secondary Classes since last 17 years..... When I was teaching, the whole class was always calm and cool. I used to ask few questions to the students and also clear the doubts of the students. Students were satisfied with my teaching and also appreciated me many times. I was getting job satisfaction. In fact this was not the real story

When I joined the course and completed the Module-2 i.e. Active Learning and Classroom Strategies, I found myself awakened from the dark night and said that "I have to work hard for students till the next 17 years". Past 17 years my teaching was Teacher Centric, which was wrongly appreciated by my students. **For the last 17 years students were listening to me, now for the next 17 years I have to listen to the students. Now on wards my each class will be noisy and found to be engaged.**

[atul1975](#)

Contribute to Teacher Voices



Send stories of learner-centred teaching-learning from your school : nexteducationlab@gmail.com





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Thank you

www.et.iitb.ac.in