

# IIT Bombay trains 50 lakh students, 2 lakh teachers in Open Source Softwares under its T10KT, Spoken Tutorial project



[theindianwire.com/education/iit-bombay-trains-50-lakh-students-2-lakh-teachers-open-source-softwares-t10kt-spoken-tutorial-project-163212](https://theindianwire.com/education/iit-bombay-trains-50-lakh-students-2-lakh-teachers-open-source-softwares-t10kt-spoken-tutorial-project-163212)

maitrija23 August 2019

**New Delhi :** Indian Institute of Technology Bombay (IIT-B) has trained about 50,00,000 students and about 2,00,000 teachers under its **Spoken Tutorial project**.

Train 10,000 Teachers (T10KT) another project which is a popular synchronous teaching methodology developed by the Padmashri Prof. D. B. Phatak of IIT Bombay has trained about 2,00,000 teachers.

Both Teachers (T10KT) and **Spoken Tutorial project** (IIT-B) are an initiative of National Mission on Education through ICT (NMEICT), Ministry of Human Resource Development ([MHRD](#)), Government of India.

## About Spoken Tutorial Project :

The Spoken Tutorial Project provides teaching and learning on FOSS (Free and Open Source Software) like Linux, Scilab, LaTeX, PHP & MySQL, Java, C/C++, LibreOffice etc. via an easy Video tool.

A Spoken Tutorial is a **10** minute long audio-video tutorial that is created for self-learning.

“The method to learn from a Spoken Tutorial is to listen to every command and to reproduce them. Spoken Tutorials are dubbed into all 22 official languages of our country,” said the official.

“Equally importantly, Spoken Tutorials can be used offline, without requiring any Internet. Spoken Tutorials are available for free download under the Creative Commons CC-BY-SA license,” he added.

## About T10KT Project :

The ‘Train 1000 Teachers’ programme was initiated by IIT Bombay in 2009, under the project ‘Empowerment of Students/Teachers,

**T10KT** method involves teachers going to Remote Centres across India and participating in live lectures delivered by an expert instructor through an audio-video conferencing system, using the open source software A-VIEW developed by Amrita University. It is used to deliver and transmit live lectures given by faculty at IIT, to all Remote Centre (RCs).

“To help run the programme, one person in each of these Centres is trained ahead of time through Coordinators’ Training. At present, IIT Bombay has about 600 Remote Centres,” the official said.

By using the blended method that combines both **Spoken Tutorials** and **T10KT**, the IIT Bombay team has successfully trained more than 4,000 teachers in the Moodle and Scilab.

It has also trained 5,300 teachers in Python out of which 1,100 were school teachers. The next in the series is Linux training on August **23, 2019**, in which, about 3,000 teachers are expected to participate in about 130 Remote Centres.

Myanmar Institute of Information Technology (**MIIT**), Mandalay, is also going to join Linux workshop. About 15 teachers from six different colleges in Myanmar are expected to join this workshop.

Dr. Kannan Moudgalya the Principal Investigator of the Spoken Tutorial and TLC projects, the Erach and Meheroo Mehta Advanced Education Technology Chair Professor at IIT Bombay, is visiting **MIIT** to see that how effectively the benefits of this education technology can be transferred to Myanmar. He will address from MIIT all the Linux course participants from all over India.