

## **IIT Bombay-Spoken Tutorial (ST) as Knowledge Provider to Bikaner Technical University, Bikaner**

To : Affiliated Colleges of Bikaner Technical University, Bikaner, Rajasthan

Sub: **IIT Bombay-Spoken Tutorial (IITB-ST) Knowledge Provider to Bikaner Technical University, Bikaner, Rajasthan providing MOOC IT/Software Training to UG and PG students through distance learning.**

IITB-ST is an NMEICT, MHRD, Govt.of India initiative to provide MOOC training, E-Tutor for many IT lab courses in syllabus and enhance employability Skill set of UG/PG students.

- The MOOC E-Tutor is an easy self learning audio-video method to acquire knowledge on many software like **Linux, LaTeX, C, C++, Java, PHPMySQL, Drupal for Web development, Blender for animation and many more.** (E-Brochure link)
- Certificates will be awarded to all students who undergo the training.
- 24x7 expert guidance on How to start the program, Course selection for different departments, Course specific Planning and implementation for the semester are provided.
- The team will provide brochures, leaflets, posters where necessary. Course specific Expert talk on Skype, Live support where doable on case by case basis for FDP s.

College action steps as follows :

1. College appointed Faculty Organiser (FO) from Computer science or any department to start the program. FO must write/call IITB-ST Rajasthan manager on how to get started. Training plan for July 2019-2020 to be implemented.
2. The IITB-ST Program comes at a nominal Subscription fee of Rs. 25000/year/ college for training and certifying an unlimited number of students.

### **Account Payable details :**

A/C Beneficiary Name: Registrar, IIT Bombay.. A/C Number: 2724101113370

Bank Name: Canara Bank Bank..Branch: IIT Powai..IFSC Code: CNRB0002724

**Contact Rajasthan Training Manager – Varsha Dand. Mob.+919833169465, 9372132368 & Email- varshadandst@gmail.com**

Date-

Sign-

Curriculum mapped ST Courses – per BTU

**Course Title**

**IIT Bombay–Spoken Tutorial (E-Tutor)**

Computer Programming Lab / Data Structures C  
and Algorithms Lab

Computer Aided Engineering Graphics / QCAD  
Computer Aided Machine Drawing / CAD Lab/  
Machine Drawing Practice

Mini Project using Java / Java Lab                      Java

Object Oriented Programming Lab / Computer C++  
Graphics Lab using C/C++

Database Management System / DBMS Lab              MYSQL, RDBMS – PostgreSQL

Linux Shell Programming Lab / Shell Script & BASH  
Security

Robotics and Automation / Microprocessor Arduino  
based Control System/ Microcontrollers Lab

Web Development / Web Design Lab / Web PHP, Drupal  
Design Lab

Fluid Mechanics Lab    OpenFoam

Control and Computation Laboratory / Scilab  
Modelling and Simulation Lab/ Programming  
with MATLAB / Signal Processing Lab

Electrical Circuit Design Lab                              Oscad- now eSIM, KiCad, Ngspice

Introduction to Computers-I                              Introduction to Computers

Arts & Graphics- I    GIMP