



# I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY

(Office of Dean Academics)

**Dr. Balkar Singh**  
(Dean Academics)

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Ref. No. : IKGPTU/DA/Spl/09042020/01

Dated : 09-04-2020

**Principal/Director**  
**All Affiliated Colleges of IKGPTU**

**Subject: Remote Learning through IIT Bombay ST Software Courses during Corona Virus Outbreak powered by MHRD Govt. of India**

Dear Sir/Madam,

Reference is made to email received from IIT Bombay on dated 09/04/2020 related to the subject cited above (copy enclosed). In this regards IKG PTU, in association with IIT Bombay ST Software Courses is recommending to engage students by referring them to learn IT Software Courses through online mode during the closure of Institutions till re-opening of Institutions due to Corona Virus Outbreak.

Tutorials are available at website <https://spoken-tutorial.org>.

Heads of all Affiliated Colleges of IKG PTU are requested to share the above link with faculty members so that they can further share the link with students through WhatsApp Groups/ Google Groups or any other mode so that Students can learn online through given link.

In case of any query related to process, courses, etc. the Faculty of Institute may correspond with Er. Tanvir Singh, Training Manager - Punjab from IIT Bombay Spoken Tutorials, MHRD GoI, 9041633230, singhtanvir21@gmail.com.

With Regards

**Dean (Academics)**

**Copy to :**

1. I/C Secretariat, O/o Vice Chancellor : For kind information of Vice-Chancellor
2. Registrar Office
3. Deputy Registrar (Academics)
4. Assistant Registrar (Academics)
5. All Constituent Campuses and Affiliated Colleges of IKGPTU
6. File Copy

## Fwd: IIT Bombay Remote Learning Initiative for I.K.G. Punjab Technical University powered by MHRD Govt. of India

balkar singh <ptubalkar@gmail.com>

Thu 4/9/2020 1:38 PM

To: Dheeraj Kumar <dheerajkumar@ptu.ac.in>; Admission Cell (IKGPTU) <admissioncell@ptu.ac.in>

📎 1 attachments (13 KB)

Sample Circular for IKG PTU Punjab.docx;

Please circulate it to all institutions

----- Forwarded message -----

From: **Tanvir Singh** <[singhtanvir21@gmail.com](mailto:singhtanvir21@gmail.com)>

Date: Thu, Apr 9, 2020, 1:28 PM

Subject: IIT Bombay Remote Learning Initiative for I.K.G. Punjab Technical University powered by MHRD Govt. of India

To: <[balkarsingh@ptu.ac.in](mailto:balkarsingh@ptu.ac.in)>, <[ptubalkar@gmail.com](mailto:ptubalkar@gmail.com)>, <[deanacad@ptu.ac.in](mailto:deanacad@ptu.ac.in)>

Dear Prof. (Dr.) Balkar Singh,

Greetings from IIT Bombay!

This is in reference to Closure of Institutions due to Corona Virus Outbreak, we from IIT Bombay under Remote Learning Initiative are offering access to our **Course Links free** during the time period of closure so that students from all affiliated colleges can take the benefit & continue their learning process. Our courses are available in Punjabi Language as well which will make students more comfortable to learn different courses.

For your reference, I have attached sample/tentative draft to issue circular with all affiliates of IKG PTU.

**Looking forward for constructive association with IKG PTU to cater the need of Colleges during this Global Health Emergency.**

Thanks & Regards,

Er. Tanvir Singh

Training Manager | Punjab, Haryana

Spoken Tutorial | IIT Bombay

Contact Number | +91-9041633230

[spoken-tutorial.org](http://spoken-tutorial.org)

**IKG PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA**  
**DIRECTOR (MAIN CAMPUS)**

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Ref. No. DIR/IKGPTU/MC/SPL01

Date:26.03.2020

**CIRCULAR**

**Subject** – Remote Learning through IIT Bombay ST Software Courses during Corona Virus Outbreak

In the present scenario of Corona Virus (COVID-19) Outbreak, teaching in Main and Constituents Campuses of University are closed up to 31.03.2020.

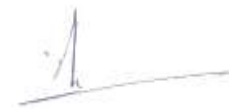
With the approval of Hon'ble Vice Chancellor, Students/faculty of IKGPTU Main and Constituents Campuses may refer to learn IT Software Courses during the closure of Institutions (till 31<sup>st</sup> March 2020) through the portal **spoken-tutorial.org**.

The List of Spoken Tutorial Courses available at **spoken-tutorial.org** is attached as an Annexure-I with this circular.

All HODs and Campus Incharges are requested to share the said link with students through any mode (WhatsApp Groups/Google Groups, emails etc). Students can learn remotely through given link and test will happen in campus itself when students will come back to University.

For any query related to process, course, test, etc., please contact the following person:

**Dr. Tanvir Singh**  
**Training Manager – Punjab**  
**IIT Bombay Spoken Tutorials, MHRD GoI**  
**9041633230, [singhtanvir21@gmail.com](mailto:singhtanvir21@gmail.com)**



**(Dr. Yadwinder Singh Brar)**  
**Director Main Campus**

Cc:-

1. I/C Secretariat, O/o Vice Chancellor: For kind information of Vice Chancellor
2. Registrar
3. COE
4. Dean (Academics)
5. AR (MC- Academics)
6. File

## Annexure-I



# REMOTE LEARNING WITH IIT Bombay – ST | IT/Software Courses



**Educational Institutions have suffered the most due to COVID-19.**

### Team Spoken Tutorials is always there for Educators!

We are offering teaching & learning through Remote/Distance method to cater to the IT Skills need of Educational Institutions in current situation.

- ✓ Audio – Video Tutorials
- ✓ Timed Script as a Notes
- ✓ Available in 16 Indian Languages
- ✓ Code Files for Practice
- ✓ Discussion Forum
- ✓ Assignments
- ✓ Certificates



Scan the QR code to visit Spoken Tutorial website

<b>Spoken Tutorial Courses Recommendation</b>		
	<b>Departments</b>	<b>Spoken Tutorial Software E- Resource for learning</b>
<b>B.TECH (all departments-Lab)</b>	<b>Computer Programming Lab</b>	<b>C, Cpp</b>
	<b>Java Programming Lab</b>	<b>Java</b>
	<b>Computer Graphics</b>	<b>Blender, GIMP</b>
	<b>Unix Network Programming &amp; Simulation Lab</b>	<b>BASH</b>
	<b>Fluid Mechanics Lab</b>	<b>OpenFOAM</b>
	<b>CAD Lab</b>	<b>QCAD</b>
	<b>Electrical and Electrinics Engineering Lab/VLSI Design</b>	<b>Oscad, FreeEDA</b>
	<b>Database Mangement system Lab</b>	<b>MySQL</b>
	<b>Web Development</b>	<b>PHP</b>
	<b>Web Technology Lab</b>	<b>Python</b>
	<b>Operating System</b>	<b>Linux- Ubuntu,BOSS</b>
	<b>Digital Signal Processing/Numerical Method</b>	<b>Scilab</b>
	<b>Mathematics/Physics/Simulation Lab</b>	<b>Scilab</b>
	<b>Chemistry/ Molecular Biology</b>	<b>Jmol Applicaion, Gchempaint</b>
	<b>Multimedia Technologies</b>	<b>Blender, GIMP</b>
	<b>Seminar/Project</b>	<b>LaTeX</b>
	<b>General IT Skill Package</b>	<b>Linux, LibreOffice Suite</b>
	<b>Web Browser</b>	<b>Firefox</b>
<b>BHMCT</b>	<b>all departments</b>	<b>Basic IT Skills- Linux, Libre Office Suite</b>
<b>B.Pharma</b>	<b>all departments</b>	<b>Basic IT Skills- Linux, Libre Office Suite</b>
<b>B.Architecture</b>	<b>all departments</b>	<b>Basic IT Skills- Linux, Libre Office Suite Blender, Qcad, Inkscape, GIMP</b>
<b>BCA</b>	<b>all departments</b>	<b>Basic IT Skills- Linux, Libre Office Suite, C, C++,PHPMySQL,Java,</b>
<b>B.P.Ed./ BHM / BJMC/ BHMCT</b>	<b>all departments</b>	<b>Basic IT Skills- Linux, Libre Office Suite</b>
<b>MBA/ M. Pharma</b>	<b>all departments</b>	<b>Basic IT Skills- Linux, Libre Office Suite</b>
<b>MCA</b>	<b>all departments</b>	<b>C , C++, MySQL, Java, Qcad and Blender, LaTeX</b>

<b>M. Tech</b>	<b>all departments</b>	<b>C++, GIMP, OpenFOAM, LaTeX</b>
<b>BSC-IT, BCA,MCA,MSc-IT</b>	UG, PG Comp. Sc., IT, BCA, MCA	C, Libre Office and Firefox
		C++, Linux
		Java
		PHPMySQL (Web development, Database management)
		Perl, Python
		Scilab,
<b>BSc and MSc other than IT</b>	For All Branches	Libre Office,Firefox, Linux
	Physics, Mathematics, Statistics, Geosciences	Scilab (similar to Matlab) – Matlab costs 7-8 lakh Rs. Scilab is free, C language
	Chemistry, Bio Sciences	JMol, GChempaint (understand molecules and chemical structures)
	Bioinformatics	Biopython, Python
	Animation and Multimedia	Blender, GIMP, Inkscape, Audacity
<b>BA/B.Commerce</b>	Arts,Commerce,Economics, Social studies, Humanities, others	LibreOffice (like MS-Office), Tuxtyping, k-turtle, Java for Comm. IT
<b>MSc/MA/M.COM/M.Phil</b>	PG students from all the different Colleges of the university (for their project/ thesis writing & data management work)	LaTeX – best for report writing (LaTeX for their report writing and Scilab for Statistics, <b>LO Calc (UG) LO Base for Collection</b> , classification, Tabulation of statistical data – frequency distribution, diagrammatic and graphical representation of data)