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**Subject: IIT Bombay Free Software Certificate Program.**

Sir/Madam,

Himachal Pradesh University, Himachal Pradesh has partnered with Spoken Tutorial, IIT Bombay which is an NMEICT, MHRD. Govt. Of India initiative to enhance IT/Software skill set of our students FREE of cost.

These courses are skill oriented & of academic importance. To avail this opportunity, all the University Department and affiliating colleges to start the Software Training in their Institute by following action steps given below.


- Principal/Head/Director to nominate Faculty Organiser and Email the contact details to Anita Kedare - **before 10<sup>th</sup> March 2017.**
- Institute to keep students details ready in the format as; First name, Last name, Email Id and Gender.
- Colleges/Departments to conduct Spoken Tutorial session in their institute before 31<sup>st</sup> March 2017.

Spoken Tutorial courses can be taken as E- Learning/resource wherever relevant as per HPU syllabus course recommendation is attached.

**University expects each Institution to start Spoken Tutorial Program as soon as possible. As these program is beneficial to students.**

For Detail Information to start the training colleges can contact to Spoken Tutorial Program coordinator Ms. Anita Kedare, 09321530562 [anita.stpiitb@gmail.com](mailto:anita.stpiitb@gmail.com)

With regards

  
(Prof. M.S. Chauhan)

All the Principals/Directors/Heads of  
Non-Govt. Colleges affiliated to  
the Himachal Pradesh University, Shimla-5.



## B.Sc Honours (Computer Science)

Semester	Lab Course Code	Course Name	Spoken Tutorials Course as E- Resource for learning <a href="http://www.spoken-tutorial.org">www.spoken-tutorial.org</a>
1	BHCS101 (P)	Programming Fundamentals using C/C++ Lab	C&C++
2	BHCS201 (P)	Programming in JAVA Lab	Java
3	BHCS302 (P)	Operating Systems Lab	Linux
	BHCSSEC5 (P)	SEC -1 -Practical PHP Programming	PHP-MySQL
4	BHCSSEC4 (P)	SEC-2 Practical (SQL/PL-SQL)	PHP-MySQL
6	BHCS602 (P)	Computer Graphics Lab	Blender

## BCA

Semester	Lab Course Code	Course Name	Spoken Tutorials Course as E- Resource for learning <a href="http://www.spoken-tutorial.org">www.spoken-tutorial.org</a>
1	BCA0104 (P)	C Programming Lab-I	C
1	BCA 0105(P)	Office Automation Tools Lab-II	LibreOffice
3	BCA 0304(P)	Object Oriented Programming with C++Lab-V	C++
4	BCA 0405(P)	Programming in Visual Basic Lab-VII	Java
6	BCA 0604(P)	ComputerGraphicsLab-XI	Blnder

## B.A (Computer Applications)

Semester	Lab Course Code	Course Name	Spoken Tutorials Course as E- Resource for learning <a href="http://www.spoken-tutorial.org">www.spoken-tutorial.org</a>
1	BACS101 (P)	DSC -1A-Computer Fundamentals Lab	Introduction to Computers & LibreOffice
3	BACS201P	DSC -1B -Database Management Systems Lab	Linux
4	BHCSSEC5 (P)	DSC -1D-Multimedia Systems and Applications Lab	GIMP &Blender
5	BACS501	Open Source Software	Linux (BACS502) Python (BACS503P) Java (BACS504 P)
6	BACS603 (P)	Programming Using C++	C++

## B.Com,B.Sc,BA,BFA & B.Ed Courses

Semester	Course Name	Spoken Tutorials Course as E- Resource for learning ( <a href="http://www.spoken-tutorial.org">www.spoken-tutorial.org</a> )
All Semesters	For Fundamentals of Computer Introduction to ICT and Computer Fundamentals	LibreOffice Suite (Similar to Ms-Office Suite)

## MA/MSC/M.Phil/P.h.D Programs

Semester	Course Name	Spoken Tutorials Course as E- Resource for learning ( <a href="http://www.spoken-tutorial.org">www.spoken-tutorial.org</a> )
All Semesters	High Mathematical Calculations	Scilab
All Semesters	Research/Scientific Paper writing	LaTeX