

**GOVT. OF ASSAM**  
**OFFICE OF THE DIRECTOR OF TECHNICAL EDUCATION, ASSAM**  
**KAHILIPARA, GUWAHATI - 781019**

No. TE(E)A-31/2013/ **2903-19**

Dated Guwahati, the 21<sup>st</sup> Sep., 2015

From: Dr. Atul Bora,  
Director of Technical Education, Assam  
Kahilipara, Guwahati

To: The Principal,  
Assam Engineering College/ Jorhat Engg. College/ Jorhat Institute of Sc & Tech./ Bineswar  
Brahma Engg. College / Assam Engineering Institute/ Assam Textile Institute/ PCPS Girls'  
Polytechnic/ Bongaigaon Polytechnic/ Nowgong Polytechnic/ Diphu Polytechnic/ Residential  
Girls' Polytechnic/ HRH Prince of Wales Institute of Engg. & Tech./ Dibrugarh Polytechnic /  
Silchar Polytechnic.

Sub: **Directorate of Technical Education, Assam - Knowledge Partner Spoken  
Tutorial, IIT Bombay giving Free Software Training to UG and PG students  
through distance learning**

Sir/Madam,

This is to announce that DTE is working with Spoken Tutorials, IIT Bombay which is an NMEICT  
(www.sakshat.ac.in), MHRD, Govt. of India initiative to enhance the skill set of our students both UG  
and PG.

- Today it is necessary to introduce technology enabled learning in the teaching.
- The Tutorials are an easy self learning audio video method to acquire knowledge and training  
on many software like **Linux, LaTeX, C, C++, Java, PHPMySQL, Blender for animation and  
so many more.**
- These are useful for both jobs and for certain streams to improve the course performance.
- Students can learn in their own labs and during the designated lab hours for computer and  
software training.
- Certificates will be awarded to all students who undergo the training

College Principal action steps as follows:

1. Appoint 1-2 faculty to start the program from Comp.Sc./IT/BCA depts., as Faculty  
Coordinators to introduce the program in the respective colleges- *By Sept end 2015*
2. Each Faculty coordinator must write to Spoken Tutorials IIT Bombay team on how to get  
started. All guidance to be promptly provided by Spoken Tutorial.

Contact: Mrs. Akanksha Saini (Executive Officer- Training) at [akankshasaini2012@gmail.com](mailto:akankshasaini2012@gmail.com)  
09757052310  
Ms. Nehali Shewale at [nehalishewali11@gmail.com](mailto:nehalishewali11@gmail.com), 09619716061

To start the training Faculty will follow the procedure given below:

Create a Login ID and register into the Spoken Tutorial website.

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

Registration Link: <http://spoken-tutorial.org/accounts/register/>

1. The Software training will be conducted during lab hours for students from the various streams hence colleges will take initiative to - a) include the relevant Software series Tutorials in the courses of the all departments b) do this via mapping and putting into the time-tables for 2015-2016 semesters c) Send soft copy of the departmental time table to iTB Team for suitable course recommendation.
2. Learning is offline. Normal systems are needed around 15-20/college. No expert in college is needed. Linux-Ubuntu OS is not compulsory.
3. Spoken Tutorials, based Software courses can also be offered as stand alone/ add on courses to cover maximum departments / students. Before the start date load the selected Spoken Tutorials based software course in all the systems. Download in one computer system and copy into the rest.

**To download the course tutorials-**

<http://process.spoken-tutorial.org/images/1/1b/Download-Tutorials.pdf>

### Spoken Tutorial per Course / Stream

UG, PG Comp. Sc., IT, BCA, MCA	Java, C, C++, Perl, Python, Scilab
MCA, MBA	*Scilab, PHPMySQL (Web development, Database management)
Physics, Mathematics, Statistics, Geosciences	Scilab (similar to Matlab) - Matlab costs 7-8 lakh Rs. Scilab is free
Chemistry, Bio Sciences	JMol, GChempaint (understand molecules and chemical structures)
Economics, Social studies, other Humanities	Linux, LibreOffice (like MS-Office)
Animation and Multimedia	Blender, GIMP, Inkscape, Audacity
PG, PhD students and Teachers	LaTeX - best for report writing
<b>PG students from all the different Colleges of the university (for their project/ thesis writing &amp; data management work</b>	LaTeX for their report writing and Scilab for Statistics, LO Calc (UG) LO Base for Collection, classification, Tabulation of statistical data - frequency distribution, diagrammatic and graphical representation of data.
Electrical, Electronics and Communication, Mechanical Civil, Engg.	OSCAD- now FreeEDA , OpenFOAM, Scilab



(Dr. Atul Bora)  
Director of Technical Education, Assam