

कार्यालय आयुक्त उच्च शिक्षा

सी-30, द्वितीय एवं तृतीय तल, इन्द्रावती भवन, नया रायपुर (छ.ग.)
(फोन - 0771-2636413 फैक्स - 0771-2263412 email-highereducation.cg@gmail.com)

क्रमांक 578 / 540 / आउशि / समन्वय / 2016
प्रति,

नया रायपुर, दिनांक 28/12/2016

प्राचार्य,
समस्त शासकीय / अशासकीय महाविद्यालय
छत्तीसगढ़

विषय :- Spoken Tutorial Program, IIT Bombay: Proposal.

संदर्भ :- अवर सचिव, छ.ग. शासन, उच्च शिक्षा विभाग मंत्रालय महानदी भवन नया रायपुर का पत्र क्रमांक 9225 / 3069 / 2016 / 38-2, दिनांक निरंक एवं Prerana Nhatre, Training Manager-Chhattisgarh, Spoken Tutorial, IIT Bombay, NMEICT, (MHRD, Govt. of India) से प्राप्त ईमेल दिनांक 18.08.2016

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विषयांतर्गत संदर्भित पत्र की छायाप्रति संलग्न कर आवश्यक कार्यवाही हेतु प्रेषित है, की गई कार्यवाही से इस कार्यालय को अवगत कराने का कष्ट करें ।

संलग्न :- उपरोक्तानुसार ।



(डॉ. सी.एल. देवांगन)
संयुक्त संचालक
उच्च शिक्षा संचालनालय
नया रायपुर (छ.ग.)

पृ.क्रमांक / 540 / आउशि / समन्वय / 2016
प्रतिलिपि :-

नया रायपुर, दिनांक / / 2016

अवर सचिव, छ.ग. शासन, उच्च शिक्षा विभाग मंत्रालय महानदी भवन नया रायपुर (छ.ग.) को संदर्भित पत्र के संबंध में सूचनार्थ ।

संयुक्त संचालक
उच्च शिक्षा संचालनालय
नया रायपुर (छ.ग.)

छत्तीसगढ़ शासन
उच्च शिक्षा विभाग
::मंत्रालय::
महानदी भवन, नया रायपुर
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JD(D)

22/11/16

11/11

क्रमांक 9225 / 3069 / 2016 / 38-2
प्रति,

नया रायपुर, दिनांक / / 2016

09 NOV 2016

आयुक्त,
उच्च शिक्षा संचालनालय,
इन्द्रावती भवन, नया रायपुर (छ0ग0)

विषय:- Spoken Tutorial Program, IIT Bombay: Proposal
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विषयांतर्गत Prerana Mhatre, Training Manager-Chhattisgarh, Spoken Tutorial, IIT Bombay, NMEICT, (MHRD, Govt. of India) से प्राप्त ईमेल दिनांक 18.08.2016 की सहपत्रों सहित छायाप्रति संलग्न प्रेषित है।

2/ कृपया प्रकरण में आवश्यक कार्यवाही करे एवं की गई कार्यवाही से तत्काल इस विभाग को अवगत कराने का कष्ट करें।

संलग्न:- उपरोक्तानुसार।

(नलिनी माथुर)
अवर सचिव

छ0ग0 शासन, उच्च शिक्षा विभाग

क्रमांक 2782/सा.श.वि./
दिनांक 11.10.2016



पु
श्री देव.
31.8.16.

Office of The Principal Secretary <patoblagr@gmail.com>

SPOKEN TUTORIAL PROGRAM, IIT BOMBAY: PROPOSAL

1 message

पंजी संख्यांक 3069
उच्च शिक्षा विभाग
दिनांक 08/09/16

prerana mhatre <preranamhatre1710@gmail.com>

To: ministerppp@gmail.com

Cc: Shyama Iyer <sizshyama@gmail.com>, Madhukriti Srivastava <madhukriti@gmail.com>, Jessie Velusamy <eloinjess@gmail.com>, Office of The Principal Secretary <patoblagr@gmail.com>, Devendranath Sharma <devendrانشarma@gmail.com>

Thu, Aug 18, 2016 at 4:13 PM

To,

Hon'ble Minister Shri Prem Prakash Pandey
Govt. of Chhattisgarh

Greetings from IIT Bombay.

J.S. O.S.D.(H)
23 AUG 2016

SO
27/8/16

With reference to my discussions with Dr. B L Agrawal, Principal Secretary, Dept. of Higher Education, please find attached our Proposal to spread the awareness along with training Implementation of *The Spoken Tutorial Program* in the State of Chhattisgarh. The Spoken Tutorial Program www.spoken-tutorial.org. is an audio-video self learning method to teach Software in English, Hindi and other vernacular languages. (Courses in Att. e-brochure) Powered by NMEICT, (www.sakshat.ac.in), MHRD, Govt. of India. <http://mhrd.gov.in/e-contents> award winning MOOCs(from Google), is run from IIT Bombay and funded by MHRD. So the courses, guidance and certificates are all FREE of cost to all colleges for life. It is an e-resource very suited for distance learning. So that students can 1) learn on their own 2) learn at their own convenience without internet 3) acquire IT skills so important for employability and for improving academic performance.

We have a good presence in Chhattisgarh state and many colleges are doing the training regularly. However, with the involvement of DHE, CSVTU and Higher Govt. officials to spread awareness and facilitate the training, very quickly more in fact ALL colleges can come in. Our team is fully ready to support everyone. We have trained more than 17000 students so far in Chhattisgarh alone, and introduced our courses in some university syllabi.(See links below)

CSVTU Website Showing Notice Mandating Spoken tutorials In All Colleges,
Bilaspur University Joins In Partnership With Spoken Tutorials For department and affiliates
Spoken Tutorial Courses in Dr. C. V. Raman University's Syllabus
Sarguja University Joins In Partnership With Spoken Tutorials For department and affiliates

Please feel free to call / mail me for any queries. Have a good day!

Best regards

Prerana

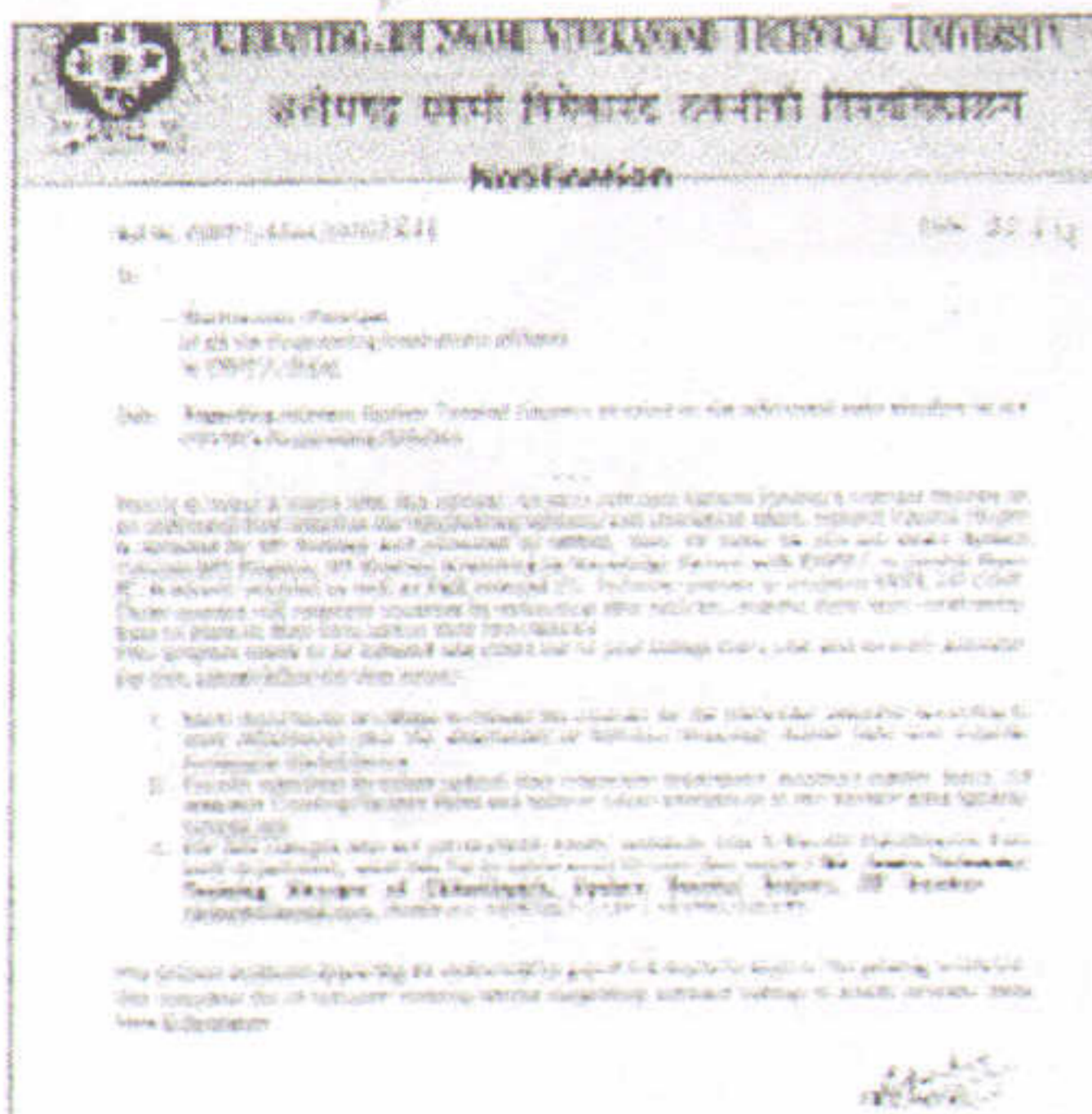
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Thanks and Best Regards,
Prerana Mhatre
Training Manager - Chhattisgarh.
Spoken Tutorial, IIT Bombay, NMEICT, (MHRD, Govt. of India)
Mobile: +91 9769788516

Website : <http://spoken-tutorial.org> | MHRD Link : <http://mhrd.gov.in/e-contents> | AICTE Link : <http://www.aicte-india.org>

3 (2)

3 attachments



E-brochure.pdf
515K

Proposal Hon'ble Minister Shri Prem Prakash Pandey.docx
8K

Proposal to Hon'ble Minister Shri Prem Prakash Pandey

Objective

IIT Bombay, Spoken Tutorial (ST) Program to work with the Govt. Of Chhattisgarh towards empowering all students pursuing Higher Education – UG above -, by providing a range of IT Skills training, from General IT/ Computer Skills to Programming software to lucrative job oriented software training. Easy to learn on their own, distance learning on their campus.

Why Govt. of Chhattisgarh ?

Work has been going on in this direction and the response from the ground is excellent in terms of acceptance and ability to do very well in the training. Over 17000 students have been trained in proving the success of this method. With proactive involvement of the Higher Govt. Officials, each and every student can be benefitted. No one left out ! Target 100% of Arts, Science, Commerce Colleges having Comp. Sc./BCA courses, 50-75% of colleges having Sciences and Commerce. To start in August 2016.

Chhattisgarh Higher Govt. Steps for Proactive Implementation – (August 2016)

Vision/ Mission : Under the Skill Development Mission, Chhattisgarh has taken up Computer Skills Training as one of the major thrust areas. Technology for Education -E Education to cover Digital Literacy Program and MOOCS (Massive Open Online Courses), along with a target to train 1 crore students in smaller towns and villages for IT Sector jobs.

- Facilitate periodic trainings of teachers (to be conducted by Spoken Tutorial team resources)
- Upload Circular, and monitoring tracker on the website of DHE, CSVTU
- Syllabus of universities
- Time-tables/ Calendars of colleges
- Standalone computer training courses organized for Colleges.
- Publish status in website - Portal for registering, E-Newsletter, Regional reports

Support from IIT Bombay team

- Guidance from the starting and continuing for each and every college Faculty Coordinators for life.
- Send brochures etc. To be used during orientation time when colleges reopen.

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- We will provide course mapping for all the streams.
- Working to sensitise and train faculty too periodically.

Prerana Mhatre

August, 2016

Mob. : 9769788516

preranamhatre1710@gmail.com

Notification

o. CSVTU/Admn/2016/166)

Date

The Director/Principal
of all the Engineering Institutions affiliated
to CSVTU, Bilai.

Regarding relevant Spoken Tutorial Courses included in the additional note attached
CSVTU's Engineering Syllabus

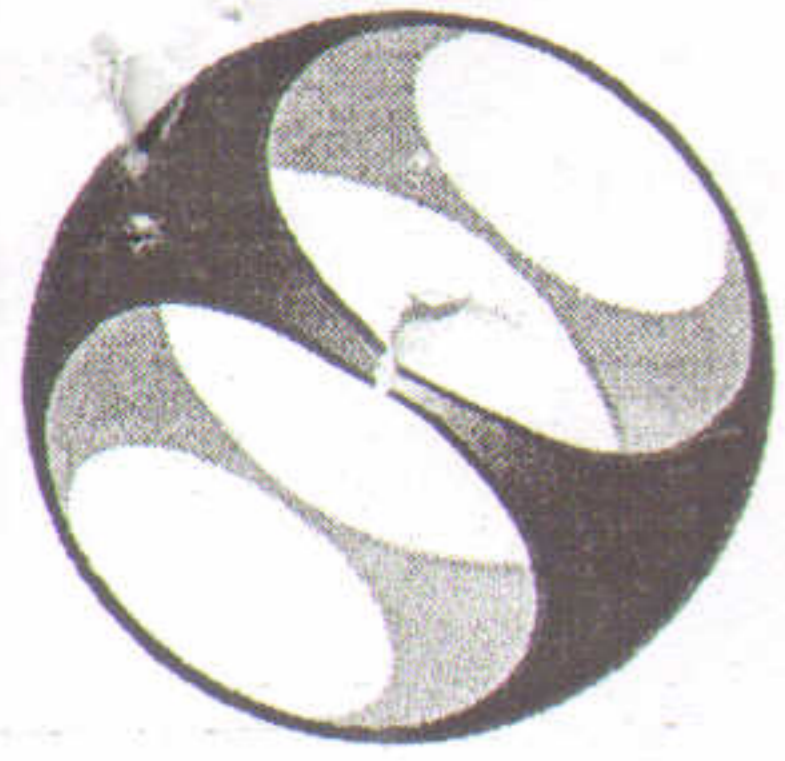
is to bring to notice with this circular, we have included Spoken Tutorial's relevant additional note added to our Engineering syllabus with immediate effect. Spoken Tutorial is initiated by IIT Bombay and promoted by MHRD, Govt. Of India. As you are aware Spoken Tutorial (ST) Program, IIT Bombay is working as Knowledge Partner with CSVTU, to provide academic oriented as well as Skill oriented IT/ Software courses to students FREE OF COST. These courses will empower students by enhancing their skill set, making them more employable to learn on their own, and in their own campus.

This program needs to be initiated and rolled out in your college every year and in every semester. For this, please follow the next steps:-

- Each department of college to choose the courses for the particular semester according to their department (See the attachment of Syllabus Mapping), decide date and time for training in the lab hours.
- Faculty members to online upload their respective department student's master list for the semester Training Planner Form and submit online attendance in the website www.spoken-tutorial.org.
- For new colleges who are yet to enroll, kindly nominate min. 2 Faculty Coordinators for each department, send this list to below email ID and then contact Ms. Jessie V. Training Manager of Chhattisgarh, Spoken Tutorial Project, IIT Bombay. Email: cloinjess@gmail.com, Mobile no- +919702715129 / +919967526149.

Trained students appearing for online test in gap of 3-4 weeks to acquire the passing marks. Complete list of software training offered suggesting software suiting to which course. E-Brochure.


(O.R.S.)



Spoken-tutorial Project, IIT Bombay

E-Brochure



Name of FOSS	Applications	Commercial equivalent	Employability	Department
Linux-Ubuntu	Virus free, robust Operating System	Windows	Technician or System administrator for Computer Vendors (SME's), Indian Railways, Municipal Corporations, Air India and many SME's	Computer Science, IT, ECE, Electronics
LibreOffice -	Basic computer usage Office suite for documents, spreadsheets, presentations, database etc.	MS-Office	Administration, Data entry personnel, Travel Agency Assistant, Indian railways, Municipal corporations, Govt. offices	All the departments
Writer	Word Processing, Documentation	Word		
Calc	Spreadsheets	Excel		
Impress	Presentations	Powerpoint		
Base	Managing Databases	Access		
Draw	Drawing	Paint		
Math	Mathematical Operations	MathType		
PHP&MySQL	Web development and Database Management	.NET	Website Developer in all types of small and large enterprises, popular companies hiring PHP&MySQL trained persons are Air-India, Bridge & Roof Co., Media channels, agencies etc.	Computer Science and IT
C/C++, Java, Netbeans and Python	Programing language		Programmer in SMEs working in C, Java, Netbeans and Python, Lab-Assistant in colleges. Popular companies requiring programmers on C/C++, Java and Python are HCL technologies, Wipro, L&T, TCS	Computer Science and IT

Name of FOSS	Applications	Commercial equivalent	Employability	Department
Scilab	Scientific Computation package for numerical computations	Matlab	Value addition in technical problem solving via use of computational methods for engineering problems, Applicable in Chemical, ECE, Electrical, Electronics, Civil, Mechanical, Mathematics etc.	Computer Science, IT, Electronics, ECE, Mechanical
LaTeX	Document markup language and preparation system for Tex typesetting	MS-Word	Value addition to academic Skills set. Essential for International paper presentation and scientific journals.	All the departments
OpenFOAM	For Fluid Mechanics to solve and create fluid movies	Fluent	Companies like AUDI, Tata Steel, Volkswagen, etc. have started using it. Also Indian Govt. agencies like BARC (Babha Atomic Research Center) are making use of this free software.	Mechanical
Oscad - now FreeEDA	EDA tool for circuit design, simulation, analysis and PCB design.	Orcad	PCB designer in SME's and academic institutions, Lab assistant for Electronic Circuit Lab, Electronic network designer.	ECE, Electronics, EEE, Electrical
Firefox	Web browser	Internet Explorer	System Administrator and Lab assistant in SME's and academic Institutes	All the departments
GIMP, Q-CAD	Image Editing and Graphic Design	Photoshop	Self employed photo editor, editor in photostudios, graphic design job in gift stores, advertising agencies, etc.	Arts and Textile designing, Fashion designing, Architecture
Blender	Animation and Computer Graphics	Maya 3D	Animator in graphic and animation media, film etc. Sectors, such as advertising computer games, TV, education, interior-decoration, etc.	Arts, Design
Ruby	Programming language		Ruby was used to implemented the reactive control part for the Siemens service robot. Ruby Web Dialogs based app to manage and track oncall and on-site support for the IT help desk and IT operations teams.	Simulations, 3D Modeling, Business, Robotics, Networking, System Administration, etc.

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Name of FOSS	Applications	Commercial equivalent	Employability	Department
Perl	High-level programming language	Basic, Ruby, Awk, assembler, PDL, TCL, Octave, Guile, SLang, Befung and Lua	Perl has been called the system administrator's best friend for its ability to make common tasks easy. Perl's process, file, and text manipulation facilities make it particularly well-suited for tasks involving quick prototyping, system utilities, software tools, system management tasks, database access, graphical programming, networking, and web programming.	Web developers, system administrators. Mathematicians, geneticists, journalists, managers , etc.
Cell Designer	Software for Planning & Designing Wireless Communication Systems, Modeling tool		CellDesigner has fully implemented the Korowajczuk 3D model, capable of performing simultaneously outdoor and indoor multi-floor predictions.	Biochemical Networks
GChemPaint	GChemPaint is an editor for 2D chemical structures with a multiple document interface.		GChemPaint is currently being developed as part of The Chemistry Development Kit, and a Standard Widget Tool kit-based GChemPaint application is being developed, as part of Bioclipse.	Chemistry
Inkscape	Graphic Designing	Adobe Illustrator, Coreldraw	Photo editing, Photo Manipulation and Graphic Design	Designing
Jmol Application	Jmol applet is used to explore the structure of molecules. Jmol applet is used to depict X-ray structures.		Jmol returns a 3D representation of a molecule that may be used as a teaching tool, or for research e.g. in chemistry and biochemistry. There is a standalone application and a development tool kit that can be integrated into other Java applications.	Chemistry, Biochemistry

Name of FOSS	Applications	Commercial equivalent	Employability	Department
Bash	Bash is a "Unix shell" command line interface for interacting with the operating system. Bash has the ability to run an entire script of commands, known as a "Bash Shell script" or "Shell script".		Familiarity with GNU/Linux command lines, and familiarity with basic programming concepts is a prerequisite for learning BASH. System administrators will greatly benefit by learning to automate common tasks using BASH.	System administrators
Ascend	ASCEND is a free, open source, mathematical modelling system.		Its main uses have been in the field of chemical process modelling, with its novel modelling language conventions and powerful solver.	Chemical Engineering
Java Business Application	To create a business application from scratch.		To built the business application and provide domain expertise	Library Management System
Kturtle	An educational programming environment which helps in learning how to build logic and how to program, in an easy manner.		Some of its features are: intuitive syntax highlighting, simple error messages, integrated canvas to make drawings on, integrated help function, slow motion or step execution, and more.	All the department
Ktouch	Typing tutor teaches how to type using an online interactive keyboard		Learn typing at your own pace. Gradually increase your typing speed and along with it, your accuracy.	

www.spoken-tutorial.org

Link for matching courses using spoken-tutorial

http://process.spoken-tutorial.org/images/7/72/Matching_spoken-tutorial.pdf