

## Government Rural Polytechnic,Thalnadi ties up with SPOKEN TUTORIAL PROJECT, IIT Bombay giving Open Source Software training to students for FREE.

A memorandum of understanding has been signed on 28.01.14 among NITTTR Chandigarh, State Board of Technical Education Uttarakhand and MHRD for rolling out MHRD NEMICT Scheme in which Spoken Tutorial Project.

Spoken Tutorial is a component of the Talk to a Teacher project funded by the National Mission on Education through ICT, MHRD, Government of India.

Government Rural Polytechnic,Thalnadi, is a Resource Center of Spoken Tutorial Project of IIT Bombay since Sept 2015.



### **About Spoken Tutorial**

The Spoken Tutorial project, IIT Bombay is a Audio Visual Movie to teach Open Source Software, it is a video recording of a Computer Session, mainly an IT based Instructional movie.

It is about teaching and learning a particular FOSS (Free and Open Source Software) like Linux, Scilab, LaTeX, PHP & MySQL, Java, C/C++, LibreOffice etc. via an easy Video tool - Spoken Tutorials.

Spoken Tutorial concept is an innovative environment where in the dreams for learning free open source technologies come true to change the world.

The Spoken Tutorial will make the user to learn a Software from scratch, practice commands and solve assignments.

As part of spreading quality technical education to the student community, Government Rural Polytechnic,Thalnadi has taken an early move in offering lab deployment / software training in open source technologies to the students for free. Government Rural Polytechnic,Thalnadi considers the Spoken Tutorials as educative and productive for enhancing the technical skill-set among the students.

Government Rural Polytechnic,Thalnadi has established a reputation in offering spoken tutorials on open source technologies to students.

### **Government Rural Polytechnic,Thalnadi incorporated Spoken Tutorials into the academic curriculum.**

Government Rural Polytechnic,Thalnadi has mapped Spoken Tutorial FOSS videos to the respective subjects in each semester, thus majority of Open Source Software technologies has become part and parcel of the academic curriculum in Government Rural Polytechnic,Thalnadi this implementation has helped the students to secure good marks in semester exams.

Spoken Tutorial provides an opportunity to listen to the video tutorial developed by Domain Experts, which is a value addition to the students apart from listening to the regular conventional way of teaching by the faculty in the institute.



Government Rural Polytechnic,Thalnadi HOD Shri Vinod Kumar Dholakiya, Instructor Shri Arvind Kumar,Lecturer Shri PC Pandey along with Chief Guest Shri Narender Kumar and Mr. Suresh Thapliyal as part of FDP on C and CPP on September 20 and 21 2016 at Government Rural Polytechnic,Thalnadi.

#### Faculty Development Program on Latex at Government Rural Polytechnic,Thalnadi

FOSS Category	Application	Date	Conducted For	Participants Count
C and Cpp	Powerful features, simple syntax, and portability make C a preferred language among programmers, for business and industrial applications. Widely used in the development of operating systems.	September 20 and 21 2016	Entire staff of GRP Thalnadi	15



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१९६१-२००२, २०११

**Indian Institute of Technology Bombay**  
Phone: Number 900 078 1100

Phone: + 91 22 2572 2000  
Fax: + 91 22 2572 2400  
Email: [www.itiitb.ac.in](mailto:www.itiitb.ac.in)

**IT Bombay**




30<sup>th</sup> July, 2015

To,  
**Mr. Abhishek Verma,**  
 Principal  
 Government Rural Polytechnic College  
 Thalnadi, Unnao, UP

We are happy to inform that Spoken Tutorial Project, IIT Bombay has decided to make "Government Rural Polytechnic College", Thalnadi, Unnao, UP as a RESOURCE Center. We hope you will offer the training to all the students in the college in a time bound manner (via time-table) and later might spread awareness of the project in the state. The project is a part of the National Mission on Education through ICT, M-ICTE, Govt. of India, to spread IT Literacy all over India. We are offering an e-portal training, M-ICTE, the Audio-Video teaching tool, "Spoken Tutorial", which is used to teach a variety of Software. These provide Software Skills with both employment focus and academic focus.

We are ready to support you in your efforts to train students on Basic Computer Skills, Programming and Scripting Software and specialized IT tools. The course and the training will be offered free of cost in all institutions both Government and Private.

Specific activities will be -

**ICC Agreement Side...**

- The Spoken Tutorial team at IIT Bombay will work with you and arrange the mentioned training programme for all relevant courses offered in the colleges.
- Support financially in terms of conducting an event for Spoken Tutorial Training Program in the College involving most of colleges including College Faculties.
- The team will also support and guide all individuals in the College / Department level as they slowly introduce the training and then gradually expand it to all.
- The team will also provide brochures, leaflets, posters and where necessary list of cost.

**Institute Side...**

- Upload the signed ICC agreement letter on the College website.
- Motivate and guide all the departments to start the training from new session.
- The Software training will be conducted during lab hours for students from the various streams. Hence "Government Rural Polytechnic College", Thalnadi, will take initiative to a) include the relevant Software series / materials in the courses of the all departments b) do this via mapping and putting into the time-tables for 2015-2016 sessions c) send soft copy of the department time-table to IITB team by mid August.
- Upload the course / batch and /or semester training plan for each department.
- Spoken Tutorial, based Software courses can also be offered as stand alone add on courses to cover individual departments / students.

For any questions related to training, contact Ms. Ruchi Sharma (Training Coordinator, Unnao, UP) at 08460441151 ([ruchisharma.unnao@gmail.com](mailto:ruchisharma.unnao@gmail.com))

We are here to support you with sustained interest



**Mrs. Abhishek Verma**  
Executive Officer - Training, Spoken Tutorial, IIT Bombay  
E-mail: [abhishekverma@iitb.ac.in](mailto:abhishekverma@iitb.ac.in), Mob: 98757062300





**Mr. Abhishek Verma**  
Signed: Principal  
Government Rural Polytechnic College,  
Thalnadi, Unnao, UP

Approval For Government Rural polytechnic,Thalnadi as a Resource Center.

Following Spoken Tutorial Software Training / Lab deployment conducted in 2015

FOSS Category	Application	Date	Conducted For	Participants Count
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C and Cpp	Powerful features, simple syntax, and portability make C a preferred language among programmers, for business and industrial applications. Widely used in the development of operating systems.	September 20,21and 22 2015	Electronics 2nd year	30
Basic IT Skills package	Learn how to use The Linux operating system LibreOffice Suite - for basic Office applications and Firefox web browser - to browse the internet safely This package is useful to all who wish to learn basic IT skills. Absolute must for beginners.	September 17 , 18 and 19 2015	Electronics 1st year, MOM & SP 1st Year and Electronics 3rd year	60
LibreOffice Suite	Trains in basic computer usage skills like Word processing, Spreadsheet, Presentation using the LibreOffice components Writer, Calc and Impress. One can also learn other useful components like Draw, Math and Base in this series.	September 14 , 15 and 16 2015	MOM & Sp 3rd Year	24

Following Spoken Tutorial Software Training / Lab deployment conducted in 2016

FOSS Category	Application	Date	Conducted For	Participants Count
C and Cpp	Powerful features, simple syntax, and portability make C a preferred language among programmers, for business and industrial applications. Widely used in the development of operating systems.	September 01,02and 03 2016	Electronics 1st year and 2nd year	30
Simulation and PCB Designing - Qcad	QCAD is a free, open source application for computer aided drafting (CAD) in two dimensions (2D). Learn to create technical drawings such as plans for buildings, interiors, mechanical parts or schematics and diagrams using QCAD.	September 04 ,05 and 06 2016	Electronics 3rd year	30

<b>Power Point - LibreOffice Suite Impress</b>	Trains in basic computer usage skills of Presentation using the LibreOffice Impress.	September 07, 08 and 09 2016	MOM & Sp 1st year and 2nd Year	54
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**Concluding remarks.**

Government Rural Polytechnic, Thalnadi has received great insights, continuous and invaluable support from

1. Ruchi Sharma State Co-ordinator, Spoken Tutorial Project, IIT Bombay.
2. Akansha Saini-Executive Officer– Training Spoken Tutorial Project, IIT Government Rural Polytechnic, Thalnadi has commitment in contributing to the National Mission, to make India IT Literate and promote the use of open source technologies