Introduction of FREE OF COST IT / Software Training in Colleges of Odisha by

Spoken Tutorial (ST) - IIT Bombay, NMEICT, MHRD, Govt. of India -

Knowledge Partner to the North Orissa University

About Spoken Tutorial : It is an audio-video method to learn Software, developed by IIT Bombay. These are for Skills and to improve Academic performance. It is designed for self learning (no expert needed) and distance education mode (no need to leave campus). It is an National Mission on Education through ICT (NMEICT / Sakshat), MHRD, Govt. of India funded project of National Importance so the courses, training, day to day guidance and certificates are all completely FREE of COST for life. **The training is on campus and can be accommodated in computer Lab hours easily.**

The reason to approach NOU Odisha for ST as Knowledge Partner, is so that the reach, awareness and spread of ST training is much faster and reaches many more colleges via the University authorities than if we worked alone. eg. Nodal/ Regional Centers, Circular, Notices, Organised trainings etc. We were happy to note that our programs are in line with some of your Mission / Vison Objectives, to facilitate Computer literacy in the state to popularise Computer education. The ST Training Program as a professional course should be incorporated in all the affiliates of NOU in order to prepare the Youth of Odisha for a good future.

Proposed Agendas

NOU objectives	Joint Activities - ST team and NOU
Facilitate IT /Computer literacy Training across the state, particlarly in rural and semi- urban college.	Offer General IT skill training package in all the colleges. **Libre Office** : Making documentation, spread sheets, presentation.**Tux Typing**: To improve wpm speed. **Firefox** : for using internet and web. **Linux :** Free and open source operating system, **Boss Linux :** Use in Govt. offices.
To Promote innovation in education and research for students career in science and Engineering Technology	Deploy lucrative ST based IT courses training in the colleges and curriculum. eg. PHPMySQL, Animation pkgs., Multimedia, Programming languages C / Java etc.
Departments	Course/ Software suggestions
Mass Communication	Animation and Multimedia Package: Blender, GIMP, Inkscape.

Development of Physics	**Scilab** : useful for advanced mathematical computation.
Management :	PHP&MySQL, Scilab, Libreoffice.
Science : **Chemistry, Bio Sciences, Mathematics, Statistics, Geosciences**	Jmol, GChempaint (understand molecules and chemical structures)
Arts : Economics, Social studies, other Liberal Arts	Linux and Boss Linux, LibreOffice.
Academic Programmes : **PG, PhD , UG, PG Comp. Sc., IT, BCA, MCA,MBA,** *Eng. & Tech* , **students and Teachers**	Java, C, C++, Perl, Python,Scilab, PHPMySQL (Web development, Database management), LaTeX – best for report writing), Netbeans ,Oscad, OpenFOAM, Ascend, etc.

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