To Faculty of all university departments and affiliated colleges –

Organise free Software Training for your students

University of Madras announces availability of FREE Software Training in distance learning mode from MHRD, Govt. of India. Please take up this for your students. Training is provided by self-learning Audio-Video method, Spoken Tutorials, IIT Bombay. This is a simulated method providing hands-on learning of IT skills. Students can learn on their own without needing expert help and in their own college labs.

Software like Linux, Scilab, Python, PHPMySQL, C, C++, Java and many more can be learnt using this tool. It will be a good value addition to the existing teaching and training of students in IT Skills. The complete list can be seen in the link given below which also suggests which Software is suited for which course.

Click here E-BrochureClick here Matching spoken-tutorial

The convenient way to organise the training is to use 2-3 of the lab hours present in time-table. The students can get initial exposure to the Spoken Tutorials and continue revision and practice in their own time. Certificates from Spoken Tutorial, IIT Bombay are also provided. The day to day guidance is provided to each and every faculty by the team at IIT Bombay.To get started,

Contact : Pallavi Nile (mail ID -nilepallavi03@gmail.com)Mob.: 09892705501

Coordinator, Training (Tamil Nadu),

Spoken Tutorial Project, IIT Bombay - NMEICT, MHRD – Govt..of India

An awareness session is planned in August at Chennai for all the affiliated colleges. Principal and 1-2 Faculty are invited.

Signed – Director USAB

Website Link : spoken-tutorial.org

Training Registration Link: http://www.spoken-tutorial.org/user/register

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	ComputerScience, 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		
PHPMySQL	Web development and Database Management		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	Programming 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
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 Reserch Center) are making use of this free software.	Mechanical
Oscad	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	Sytem Administrator and Lab assistant in SME's and academic Institutes	All the departments
GIMP, Q-CAD	Image Editing and Graphic Design	Photoshop	Self empoyled photo-editor, editor in photo-studios, graphic design job in gift stores, advertising agencies etc	Arts and Textile designing,Fashion desigining, Architecture
Blender	Animation and Computer graphics	Maya 3 D	Animator in graphic and animation media, film etc. Sectors, such as advertising computer-games, TV, education, interior-decoration etc.	Arts, Design

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www.spoken-tutorial.org

Link for matching courses using spoken-tutorial
http://process.spoken-tutorial.org/images/7/72/Matching_spoken-tutorial.pdf

FOSS Recommended	Institution name	Course name	
Linux-Ubuntu	Dronacharya College of Education,Himachal Pradesh	5th Sem BCA- Operating System	
	Baddi University,Himachal Pradesh	2nd Sem MCA, 4th Sem ECE - Introduction to Operating System and Linux Lab	
	Dhempe college of arts and Science,Goa	Non conventional courses of BSc. Computer Science	
	NBN Sinhgad school of engineering,Maharashtra	Sem 5 - IT Operating Systems Lab	
	Anna university, I&C Departmental Labs,Tamil Nadu	CS- Operating Systems Lab	
	RVS College of Engineering and Technology,Tamil Nadu	Sem 4 ECE Linux	
	Bharathiar University,Tamil Nadu	Unix and Network Programming MCA Sem 1	
	JNTUH,Andhra Pradesh	B.Tech 4th yr- Linux Programming	
	AIMS,Warangal,Andhra Pradesh	IT Labs MBA Sem 1	
Libre Office	Dronacharya College of Education,Himachal Pradesh	BCA, Office automation tools	
		2nd Sem BBA, IT in Management	
		BEd, MEd- Basic IT skills	
	Laureate institute of information technology, Himachal Pradesh	1st yr BCA, PC packages	
		6th Sem BBA, PC packages	
		2nd, 4th,6th Sem B.Pharm- Unit Operation 1, Physical Pharmacy 2, Pharmaceutical Tech.	
	AIMS,Warangal	IT Labs MBA Sem 1	
	AIMS,Warangal	LO Calc Sem 2 MBA Financial Management and Management Accounting	
		LO Impress MBA Sem 3 and 4 Project Report and Summer Project	
Php&MySQL	Laureate institute of information technology, Himachal Pradesh	3rd Yr BCA- DBMS	
	Dhempe college of arts and Science,Goa	Non conventional courses of BSc. Computer Science	
	SJB Institute of Technology, Karnataka	Web Programming Lab	
	NBN Sinhgad school of engineering,Maharashtra	Sem 5 -CE RDMS& Visual Programming lab	
	Sinhgad Institute of Management and Computer Applications,Maharashtra	MCA Sem 2 My SQL- Database Management Systems, MCA PHP&MySQL- Sem 3 Web Technology	
	Anna university, I&C Departmental Labs,Tamil Nadu	Database Management Systems Lab	
	Bharathiar University,Tami Nadu	Database Management Systems, MCA Sem 2 Internet Programming and Web designing MCA Sem 5	
	AIMS,Warangal	Information technology for managers, MBA Sem 1 E-Business MBA Sem 3	

	Career Point Technical Campus,Rajasthan	MCA Sem 1 Database Management Systems	
	Career Point Technical Campus,Punjab	Sem 2 CSE Web designing	
	Dronacharya College of Engineering,Haryana	Sem 4 CSE Relation Database Management Systems	
C and C++	Roland Institute of Technology,Odisha	1st yr B.Tech All streams-Introduction to C programming	
		1st MCA C Programming	
	Laureate institute of information technology, Himachal Pradesh	1st yr BCA Programming in C	
		2nd yr BCA OOPs-Advance C++	
	Dronacharya College of Education	BCA- Programming course in lab	
		3rd Sem BCA OOPs Lab- Advance C++	
	Baddi University,Himachal Pradesh	4th Sem CSE OOMP Lab	
		2nd Sem MCA OOPS	
	SITM,Assam	1st yr B.Tech All streams-Introduction to computing	
	Dhempe college of arts and Science,Goa	Non conventional courses of BSc. Computer Science	
	NBN Sinhgad school of engineering,Maharashtra	Sem 3 SE IT Fundamentals of Data structures Lab	
	Sinhgad Institute of Management and Computer Applications,Maharashtra	MCA Sem 1 C Programing.MCA Sem 2 OOPS Advanced C++	
	SMS Institute of Technology, Uttar Pradesh	B.Tech 2,3,4 yrs All streams	
	Anna university, I&C Departmental Labs,Tamil Nadu	Programming Lab, Data structures Lab, Network Lab and System Software Lab	
	Bharathiar University,Tamil Nadu	Problems solving using C MCA Sem 1	
	AIMS,Warangal	Information technology for managers MBA Sem 1	
	Career Point Technical Campus,Rajasthan	MCA Sem 1 C Programing.MCA Sem 2 OOPS Advanced C++ B.Tech CSE	
	Career Point Technical Campus,Punjab	Sem 2 CSE C Programming	
	H.N.B. Garhwal University, Uttarakhand	Sem 2 CSE,IT,Mech, ECE- C Programming	
	Dronacharya College of Engineering,Haryana	Sem 2 CSE C Programming	
Java	SJB Institute of Technology, Karnataka	Web Programming Lab	
	Dhempe college of arts and Science,Goa	Non conventional courses of BSc. Computer Science	
	NBN Sinhgad school of engineering,Maharashtra	Sem 4 TE IT Software development tool lab	
	Sinhgad Institute of Management and Computer Applications,Maharashtra	MCA Sem 4 Java Programming Lab.	
	Anna university, I&C Departmental Labs,Tamil Nadu	Java and Internet Proramming lab	

	Bharathiar University,Tamil Nadu	Java Programming MCA sem 3
	AIMS,Warangal	Information technology for managers, MBA Sem 1
	Dronacharya College of Engineering,Haryana	Sem 4 CSE Java programming
Scilab	Laurate institute of Pharmacy,Himachal Pradesh	6th Sem B.Pharm, Pharm. Tech
	RVS College of Engineering and Technology,Tamil Nadu	Sem 3 ECE Scilab workshop in Lab hrs
	AIMS,Warangal,Andhra Pradesh	Statistics for Management MBA Sem1,Operations Research MBA Sem 2
	Dronacharya College of Engineering,Haryana	Sem 4 EEE, Sem 6 ECE Scilab workshop in Lab hrs
LaTeX	Laureate institute of information technology, Himachal Pradesh	6th Sem BBA- Desktop Publishing and Designing
	Dronacharya College of Education,Himachal Pradesh	3rd Sem BCA Desktop Publishing and Designing
		4th Sem BBA- Marketing Research writing skills for Business Research paper
	Laurate institute of Pharmacy,Himachal Pradesh	2nd, 4th,6th Sem B.Pharm
	NBN Sinhgad school of engineering	1st yr B.Tech All streams for Technical writing
	Anna university, I&C Departmental Labs,Tamil Nadu	Project work
Python	NBN Sinhgad school of engineering,Maharashtra	Sem 4 SE CE Programming Lab
	AIMS,Warangal	Information technology for managers MBA Sem 1
	Central University Of Karnataka	MSc. Bio-technology Computer programming and Geoinformatics
OpenFOAM	NBN Sinhgad school of engineering,Maharashtra	Sem 3 SE Mech. Fluid Mechanics
	Career Point Technical Campus,Rajasthan	B.Tech Mech Computational Fluid Dynamics
	Dronacharya College of Engineering,Haryana	Sem 6 Mech Fluid Dynamics
Oscad	Career Point Technical Campus,Rajasthan	B.Tech EE PCB Desigining
	Career Point Technical Campus,Punjab	Sem 2 EE in Lab hrs
GIMP	Laureate institute of information technology, Himachal Pradesh	3rd Yr BCA
	Dronacharya College of Education,Himachal Pradesh	6th Sem BCA- Computer Graphics
	Anna university, I&C Departmental Labs,Tamil Nadu	Computer Graphics and Multimedia Lab

	Bharathiar University,Tamil Nadu	Multimedia System MCA Sem 4	
	Career Point Technical Campus,Rajasthan	B.Tech Civil Architecture and town planning	
	Dronacharya College of Engineering,Haryana	Sem4,6 Civil	
QCAD	Dronacharya College of Education,Himachal Pradesh	6th Sem BCA- Computer Graphics	
	Career Point Technical Campus,Punjab	Sem 2 Civil Graphic and Design Lab	
	Career Point Technical Campus,Rajasthan	B.Tech Civil Architecture and town planning	
	Dronacharya College of Engineering,Haryana	Sem4,6 Civil- Design Lab	
Blender	Dronacharya College of Education,Himachal Pradesh	6th Sem BCA- Computer Graphics	
	IIT Guwahati,Assam	Department of design, 2nd Yr BDes	
	NBN Sinhgad school of engineering,Maharashtra	Sem 3 SE Mech. Computer aided machine drawing	
	Anna university, I&C Departmental Labs,Tamil Nadu	Computer Graphics and Multimedia Lab	
	Bharathiar University,Tamil Nadu	Multimedia System MCA Sem 4	
	Career Point Technical Campus,Rajasthan	B.Tech Civil- Design Lab	
	Career Point Technical Campus,Punjab	Sem 2 Civil Graphic and Design Lab	
	Dronacharya College of Engineering,Haryana	Sem4,6 Civil- Design Lab	