GOVERNMENT INSTITUTE OF LEATHER TECHNOLOGY, HYDERABAD
LIST OF APPLICATION SOFTWARES

SLNO	Commercial Software	Similar Open source	Download Link	License	Used where
1	MATLAB	Scilab	http://www.scilab.org/products/scilab/download	CeCILL	Engineering(Electrical, Mechanical, Civil, Electronics, Embedded systems, Chemical), Science (Physics, Mathematics)
2	Mathematica	Maxima	http://maxima.sourceforge.net/download.html	GPL	Mathematics, Engineering
3	Cadence pSpice	ngspice	http://ngspice.sourceforge.net/download.html	BSD	Engineering (Electrical, Electronics, Embedded systems)
4	Microsoft Office	Open office	http://download.openoffice.org/	LGPL	All branches
5	Microsoft Office	LaTeX ,MikTex, ProTex	http://www.latex-project.org/ftp.html	LPPL	All branches
6	Mathematica/Maple	Sage	http://www.sagemath.org/download.html	GPL	Precise arithmetic, algebra, symbolic computation
7	Turbo C	GCC	http://gcc.gnu.org/releases.html	GPL)	Engineering (Introductory Computing – all branches
8	Pro/E	BRL-CAD	http://brlcad.org/d/download	BSD	Engineering (CAD)
9	MASM	NASM, FASM	http://www.nasm.us/pub/nasm/releasebuilds http://flatassembler.net/download.php	BSD, BSD	Engineering (Electronics, Computer Science)
10	MS OFFICE	Plotting tools Xmgrace, XFIG, GNUPLOT	http://sourceforge.net/projects/graceplot/ http://xfig.org/art17.html http://www.gnuplot.info/download.html	BSD, GPL, Own license (but free)	Drawing the figures, plots, flow diagrams
11	Code composer Studio	, IAR Workbench GNU Binutils	http://ftp.gnu.org/gnu/binutils/	GPL	Assembler, Compilers for micro controllers and DSP Processors (MSP, VC33 etc)
12	VxWORKS	RTLinux, RTAI	http://www.faqs.org/docs/Linux-HOWTO/RTLinux-HOWTO.html https://www.rtai.org/	GPL, GPL/LGPL	(kernel and user space respectively), Real-time operating System for Desktop and Embedded Systems
13	KEIL 8051	SDCC	http://sdcc.sourceforge.net/index.php#Download	GPL GCC	SDCC compiler for 8051 controlers
14	synopsis-CosmosSE, Mentor-Icstudio, Cadence-Virtuoso	Xcircuit	http://opencircuitdesign.com/xcircuit/download.html	GPL	schematic design
15	Mentor-ICstation,	Cadence-Virtuoso Magic	http://opencircuitdesign.com/magic/download.html	BSD	Used for chip Layout design
16	Modelsim ghdl,	freehdl	http://ghdl.free.fr/download.html http://freehdl.seul.org/	GPL	VHDL compiler
17	Matlab	Octave	http://www.gnu.org/software/octave/download.html	GPL	Numerical Computation
18	AutoCad	KiCad,	http://kicad.sourceforge.net/wiki/Downloads http://sourceforge.net/projects/free-cad/	GPL	CAD system FreeCad
19	S-Plus	R	http://cran.r-project.org/bin/	GPL	Statistics
20	Operating System	GNU/LINUX ,Ubuntu	http://www.bosslinux.in/	GPL	Operating System
21	CiteSpace	A widely used tool for visual exploration of scientific literature.	https://sourceforge.net/projects/citespace/	OPENSOURCE(FREE)	CiteSpace generates interactive visualizations of structural and temporal patterns and trends of a scientific field. It facilitates a systematic review of a knowledge domain through an in-depth visual analytic process. CiteSpace can process citation data from popular sources such as the Web of Science, Scopus, and Chinese Social Sciences Citation Index (CSSCI). CiteSpace supports citation-based studies using open-access sources such as Dimensions and CrossRef. CiteSpace also supports a smaller set of visual analytic functions for datasets without citation-related information, for example, PubMed, CNKI, ProQuest Dissertations and Theses. In essence, CiteSpace reveals how a field of research has evolved, what intellectual turning points are evident along a critical path, and what topics have attracted attention. CiteSpace can be applied repeatedly so as to track the development of a field closely and extensively.

22	BiblioteQ	LIBRARY SOFTWARE	https://sourceforge.net/projects/biblioteq/	OPENSOURCE(FREE)	BiblioteQ strives to be a professional cataloging and library management suite, utilizing a Qt 4.8.x or Qt 5.x interface and providing connectivity to PostgreSQL and SQLite. The SRU and Z39.50 protocols are used for retrieving data for books, journals, and magazines. The official source repository is located at https://github.com/textbrowser/biblioteq. Latest source releases may be downloaded at https://github.com/textbrowser/biblioteq/releases.
23	Brain Workshop	**Python implementation of the Dual N-Back mental exercise**	https://sourceforge.net/projects/brainworkshop/	OPENSOURCE(FREE)	Brain Workshop is a Python implementation of the Dual N-Back mental exercise. This exercise is the only mental activity that has been scientifically shown to improve your short-term memory (working memory) and fluid intelligence.
24	Klavaro Touch Typing Tutor	**A very efficient tutor.**	https://sourceforge.net/projects/klavaro/	OPENSOURCE(FREE)	A touch typing tutor very flexible, supporting customizable keyboard layouts. You can edit and save new or unknown keyboard layouts, as the basic course was designed to not depend on specific ones. Also, there are some charts about the learning process.
25	DictionaryForMIDs	**Dictionary for Mobile Information Devices and PCs**	https://sourceforge.net/projects/dictionarymid/	OPENSOURCE(FREE)	DictionaryForMIDs is an dictionary application for cell phones, tablets and PCs. The dictionary is completely installed on the device ("offline dictionary"), i.e. after installation there is no need for an internet connection. DictionaryForMIDs can be set up for any dictionary, for any language, or for any other lookup-purpose. The DfM-Creator tool is used to set up a dictionary for use with DictionaryForMIDs.
26		KOHA-ILMS	https://koha-community.org/download-koha/	Koha is free software and is licensed under the GNU General Public License	