

Date: 15-06-2025

UTILIZATION OF OPEN-SOURCE SOFTWARE

KIET Institute is encouraging and following AICTE Open Source Software in many Labs.

Commercial Software	Similar Open source		Download Link	License	Used where
MATLAB	Scilab		http://www.scilab.org/products/scilab/download	CeCILL	Engineering(Electrical, Mechanical, Civil, Electronics, Embedded systems, Chemical), Science (Physics, Mathematics)
Mathematica	Maxima		http://maxima.sourceforge.net/download.html	GPL	Mathematics, Engineering
CadencePspice	Ngspice		http://ngspice.sourceforge.net/download.html	BSD	Engineering(Electrical, Electronics, Embedded systems)
Microsoft Office	Openoffice		http://download.openoffice.org/	LGPL	All branches
Microsoft Office	LaTeX		http://www.latex-project.org/ftp.html	LPPL	All branches

Mathematica/Maple	Sage		http://www.sagemath.org/download.html	GPL	Precise arithmetic, algebra, symbolic computation
Microsoft Windows	GNU/Linux		http://www.gnu.org/software/software.html	GPL	All branches
TurboC	GCC		http://gcc.gnu.org/releases.html	GPL	Engineering (Introductory Computing – all branches)
Pro/E	BRL-CAD		http://brlcad.org/d/download	BSD	Engineering (CAD)

MASM	NASM, FASM	http://www.nasm.us/pub/nasm/releases/builds http://flatassembler.net/download.php	BSD, BSD	Engineering(Electronics, Computer Science)
MsofficePlotting tools	Xmgraph, XFIG, GNUPLOT	http://sourceforge.net/projects/graceplot/http://xfig.org/art17.htmlhttp://www.gnuplot.info/download.html	BSD,GPL, Ownlicense (but free)	Drawing the figures, plots, flow diagrams
Code Composer Studio, IAR Workbench	GNU Binutils	http://ftp.gnu.org/gnu/binutils/	GPL	Assembler, Compilers for microcontrollers and DSP Processors (MSP, VC33 etc)
VxWORKS	RTLinux, RTAI	http://www.fags.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
KEIL 8051	SDCC	http://sdcc.sourceforge.net/index.php#Download	GPL	GCC SDCC compiler for 8051 controllers
synopsis-CosmosSE, Mentor-Icstudio, Cadence-Virtuoso	Xcircuit	http://opencircuitdesign.com/xcircuit/download.html	GPL	schematic design
Mentor-ICStation, Cadence-Virtuoso	Magic	http://opencircuitdesign.com/magic/download.html	BSD	Used for chip Layout design
Modelsim	Ghdl, freehdl	http://ghdl.free.fr/download.htmlhttp://freehdl.seul.org/	GPL	VHDL compiler
Matlab	Octave	http://www.gnu.org/software/octave/download.html	GPL	Numerical Computation
AutoCad	KiCad,	http://kicad.sourceforge.net/wiki/Downloads	GPL	CAD system

	FreeCad	http://sourceforge.net/projects/free-cad/		
S-Plus	R	http://cran.r-project.org/bin/	GPL	Statistics
OperatingSystem	GNU/LINUX	http://www.bosslinux.in/	GPL	OperatingSystem


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