

From

The Director General
Technical Education, Haryana,
Bays No. 7-12, Sector-4, Panchkula.

To

The Director-Principal(s), State Institute of Engineering & Technology
Nilokheri (Karnal)/ CRS-SIET Silani Kesho (Jhajjar)/ RBS-SIET Zainabad
(Rewari)/ CDL-SIET Panniwala Mota (Sirsa).

The Principal(s), Govt. Polytechnic Sector-26, Panchkula/ Ambala City/
Nilokheri (Karnal)/ Hisar / Jhajjar/ Mandi Adampur (Hisar) / Sirsa/ Sonipat
/ Narnaul (Mahendergarh)/ Cheeka (Kaithal) / Nathusari Chopta (Sirsa)/
Loharu (Bhiwani)/ Manesar (Gurugram)/ Sampla (Rohtak)/ Lisana
(Rewari)/ Uttawar (Palwal) / Meham (Rohtak)/ Sanghi (Rohtak) / Morni
(Panchkula) / Bhiwani/ Chappar (Charki Dadri) / Dhangar (Fatehabad)/
Indri (Nuh) / Jattal (Panipat)/Hathnikund (Yamuna Nagar)/ Sadhaura
(Yamuna Nagar) /Dhamlawas (Rewari)/ Jamalpur Shekhon (Fatehabad)/
Malab (Nuh)/ Mandkola (Palwal)/ Nanakpur (Panchkula)/ Umri
(Kurukshetra)/ Narwana (Jind)/ Shergarh (Kaithal)

The Principal(s), Govt. Polytechnic for Women Ambala City/ Sirsa/
Faridabad.

Memo No. P-60 102-142

/Proc.

Dated: 11/05/2022

Subject: Availability of software on the website of AICTE as open source.

Kindly refer to the subject noted above.

In this regard, it is informed that many softwares are available as open
source on the website of AICTE as per curriculum.

It is, therefore, requested to avail the facility for the training purpose of
students for their better placement. The list of some softwares alongwith their links is
attached herewith.

DA/As Above


Joint Director
For Director General Technical Education,
Haryana, Panchkula

AICTE Open Source Software List
www.aicte-india.org/downloads/commercial%20software.pdf

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
Cadence pSpice	ngspice	http://ngspice.sourceforge.net/download.html	BSD	Engineering (Electrical, Electronics, Embedded systems)
Microsoft Office	Open office	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
Turbo C	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/releasebuilds http://flatassembler.net/download.php	BSD, BSD	Engineering (Electronics, Computer Science)
MS OFFICE Plotting tools	Xmgrace, XFIG, GNU PLOT	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
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)
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.html http://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
Operating System	GNU/LINUX	http://www.bosslinux.in/	GPL	Operating System