List of Software (Licensed & Open Source)

- **System Software**

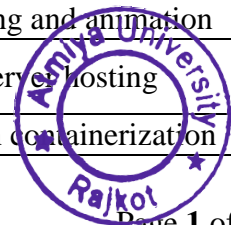| System Software Name	Purpose	Availability Status
Microsoft Windows	Windows Servers OS	Licensed
	Windows 11	Licensed
	Windows 10	Licensed
	Windows 7	Licensed
macOS	Operating system for Apple devices	Licensed
Linux Distributions	Open-source operating systems	Open-Source
- Ubuntu	General-purpose OS for servers and desktops	Open-Source
Unix	Multi-user OS for servers	Licensed/Open-Source

- **Application Software**

  o **Licensed Software**

Sr.No.	Software	Category
1	**Sophos**	Licensed Software
2	**McAfee Antivirus**	Licensed Software
3	**Microsoft Campus License (MS Office, OS, etc.)**	Licensed Software
4	**Tally**	Licensed Software
5	**Drillbit**	Licensed Software

  o **Open Source Software**

Sr.No.	Software	Category	Purpose
1	**Android Studio**	Open-Source	Mobile app development
2	**Python**	Open-Source	Programming and data science
3	**R**	Open-Source	Statistical computing and graphics
4	**XAMPP**	Open-Source	Local server for web development
5	**Arduino IDE**	Open-Source	Microcontroller programming
6	**Eclipse IDE**	Open-Source	Software development
7	**LibreOffice**	Open-Source	Office productivity suite
8	**GIMP**	Open-Source	Image editing and graphic design
9	**Blender**	Open-Source	3D modeling and animation
10	**Apache HTTP Server**	Open-Source	Web server hosting
11	**Docker**	Open-Source	Application containerization

12	**Kubernetes**	Open-Source	Container orchestration
13	**Git**	Open-Source	Version control
14	**Jitsi Meet**	Open-Source	Video conferencing
15	**Open Broadcaster Software (OBS)**	Open-Source	Video recording and live streaming
16	**TensorFlow**	Open-Source	Machine learning
17	**OpenCV**	Open-Source	Computer vision
18	**Scilab**	Open-Source	Numerical computation and simulation
19	**Octave**	Open-Source	MATLAB alternative for numerical computation
20	**MariaDB**	Open-Source	Relational database management
21	**PostgreSQL**	Open-Source	Advanced database management
22	**Hadoop**	Open-Source	Big data processing
25	**VirtualBox**	Open-Source	Cross-platform virtualization software
26	**Docker**	Open-Source	OS-level containerization
27	**Kubernetes**	Open-Source	Orchestration for containerized applications
29	**Apache HTTP Server**	Open-Source	Web server
30	**Nginx**	Open-Source	Web server and reverse proxy

Implementing a balanced mix of licensed and open-source software enables universities to optimize resources while maintaining high standards in education, research, and administration

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