SNS COLLEGE OF TECHNOLOGY

Coimbatore-35.
An Autonomous Institution

COURSE NAME : 19CSE314 OPEN SOURCE SOFTWARE

III YEAR/ VI SEMESTER

UNIT I

FREE AND OPEN SOURCE SOFTWARES

FOSS

Some of the well-known FOSS software tools across various categories:

Operating Systems
➢ **Linux** (and its various distributions like Ubuntu, Fedora, Debian): A family of free and open-source Unix-like operating systems.
➢ **FreeBSD**: An open-source operating system based on the BSD (Berkeley Software Distribution) Unix system.

Web Browsers
➢ **Mozilla Firefox**: A fast, privacy-focused web browser.
➢ **Chromium**: The open-source project that Google Chrome is based on.

FOSS

Some of the well-known FOSS software tools across various categories:

Office Suites
- **LibreOffice**: A powerful open-source office suite (including Writer, Calc, Impress, etc.), an alternative to Microsoft Office.
- **Apache OpenOffice**: Another open-source office suite, similar to LibreOffice, with word processing, spreadsheets, presentations, and more.

Graphics and Design
- **GIMP (GNU Image Manipulation Program)**: A powerful open-source image editor, an alternative to Photoshop.
- **Inkscape**: A vector graphics editor, ideal for creating illustrations, diagrams, and designs.
- **Blender**: A 3D creation suite for modeling, animation, simulation, rendering, and more, often used in animation and game design.

FOSS

Some of the well-known FOSS software tools across various categories:

Media Players
- **VLC Media Player**: A highly versatile media player that supports almost every video and audio format.
- **Audacity**: An open-source audio editing software, great for recording and editing sound.

Email Clients
- **Thunderbird**: A free, open-source email client from Mozilla, with powerful features and customizability.
- **Mailspring**: A cross-platform, open-source email client with a clean user interface and support for various email accounts.

FOSS

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Development Tools
- **Visual Studio Code**: A popular, open-source code editor from Microsoft, with support for many programming languages and extensions.
- **Atom**: A hackable text editor developed by GitHub, ideal for web developers.
- **Eclipse**: A popular open-source Integrated Development Environment (IDE) for Java and other programming languages.
- **Git**: A version control system that enables developers to track and manage code changes.
- **Docker**: An open-source platform to automate application deployment inside containers.