



FOSS Club

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

FOSS / GNL / RPT / 000

EVENT REPORT

UNBOX FREEDOM: Dive into FOSS, Docker and Linux

Date: 5th August 2025

Time: 9:00 AM – 1:00 PM

Venue: Turing Hall, SRM Kattankulathur

Organized by: FOSS Club SRM

Audience: CSE & Non-CSE Engineering Students, Working Professionals

Attendance: 30 participants

The event began with an introduction by Giri, who spoke about FOSS United, its mission, and how campus-level FOSS Clubs contribute to building thriving open-source communities. He emphasized the core values of freedom, transparency, and community-driven innovation, encouraging students to explore beyond proprietary tools and start contributing to the world of open source.





Linux Installation Party – by Garv and Inigo

This session focused on building a solid foundation in Linux and its ecosystem, ideal for students from both tech and non-tech backgrounds.

Kernel Functions & System Architecture:

The role of the Linux kernel in managing hardware, system calls, memory, and processes was explained using real-life analogies and visual slides.

Distributions & Desktop Environments:

Various Linux distributions like Ubuntu, Fedora, Arch, and Debian were introduced. The difference between GNOME, KDE, and other desktop environments was highlighted.

Package Managers:

How tools like apt, pacman, and dnf are used to install and manage software in different Linux distros. Live demonstrations helped users understand how dependencies are handled.

Dual Booting:

Step-by-step guidance on how students can set up Linux alongside Windows safely, including partitioning tips, BIOS settings, and bootloader (GRUB) configuration.

Essential Terminal Commands:

Basic but powerful commands like ls, cd, mkdir, touch, sudo, chmod, and grep were demonstrated live, with explanations of real-world use cases.





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The session ended with a brief encouragement to explore Linux as a daily driver OS, especially for developers, security enthusiasts, and engineers aiming to build low-level system understanding.

The event successfully introduced attendees to open-source fundamentals and real-world tools used in modern development workflows. Participants appreciated the practical, hands-on approach and showed eagerness to explore further. Many expressed interest in contributing to open source and attending future workshops.



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