

	JNIESTR's Smt. Indira Gandhi College of Engineering Plot No. 1, Sector 8, Ghansoli, Navi Mumbai -400 701 Contact no : +91-8080949300, +91-7738921077 Email contactus@sigce.edu.in Website sigce.edu.in (Approved by AICTE ,Affiliated to Mumbai University) Accredited by NAAC with A Grade Computer Science Engineering-AIML	
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Linux Hardening Workshop

Activity Title:	Linux Hardening
Speaker Name:	Alpesh Bhagwatkar
Date:	24 th April 2026
Venue:	Lab 402
Purpose:	A Linux Hardening Workshop provides a strong foundation in system security while helping participants understand the importance of safeguarding Linux environments in today's threat landscape. It covers essential concepts along with hands-on practices to identify and reduce vulnerabilities, configure systems securely, and implement industry-recommended security measures.
Audience:	Students from B.E and T.E AIML
Total Participants:	20 participants
Activity Performed:	In a Linux Hardening workshop, activities include updating and patching the system to fix vulnerabilities, managing user accounts and enforcing strong password policies, securing file and directory permissions, configuring SSH access, setting up firewalls, disabling unnecessary services and ports, installing security tools, monitoring system logs for suspicious activity, and implementing backup and recovery strategies to ensure overall system security.
Activity Outcome:	The outcome of the Linux Hardening workshop is that participants develop a strong understanding of Linux system security along with hands-on experience in implementing effective protection measures. They learn how to identify and mitigate vulnerabilities, apply industry best practices, secure system configurations, and monitor for potential threats. As a result, participants are better equipped to protect systems from unauthorized access, reduce security risks, and maintain a stable, reliable, and secure computing environment in real-world scenarios.

Photos:



Coordinator

Prof. Vandana Nikam

HOD

Prof. S.N. Deshpande