विद्यामर्थं च साधयेत्।

FOUNDER –
Shreemant Malojirao Naik Nimbalkar
Rajesaheb Phaltan.

PHALTAN EDUCATION SOCIETY'S

COLLEGE OF ENGINEERING

(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai)
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Secretary, P. E. S.

Prof. Dr. M.V. Dalvi
Principal

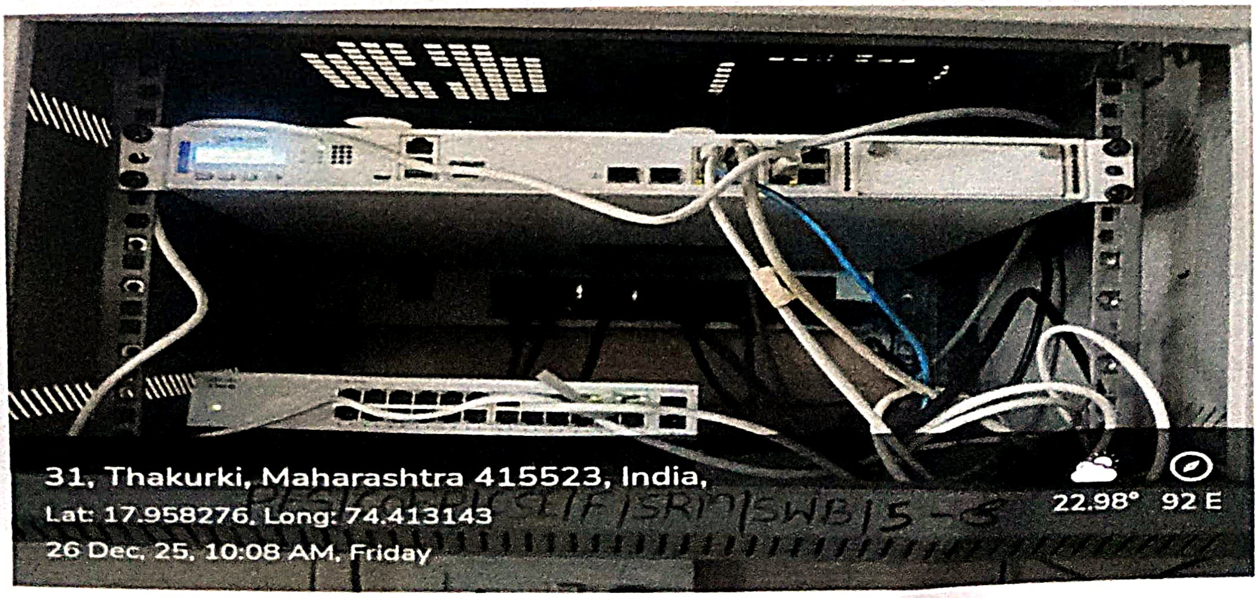
Cybersecurity Policy and Implementation Measures Overview

Educational institutions serve as repositories for significant amounts of sensitive information, including student records, financial data, research findings, and intellectual property. At Phaltan Education Socity's , College Of Engineering Phaltan , we prioritize the implementation of robust cybersecurity measures to safeguard this data from unauthorized access, theft, or tampering. Furthermore, ensuring the integrity of academic processes—including examinations, assessments, and grading systems—is vital to preventing cheating, plagiarism, and unauthorized access to institutional resources.

To maintain a secure digital environment, our institution observes the following cybersecurity protocols:

1. Network Security & Infrastructure

- **Firewall Implementation**: To monitor and control incoming and outgoing network traffic, our internet service provider has deployed a well-defined firewall solution across the institutional network.
- **Secure Hardware Configuration**: All core network devices, including routers and switches, are sourced from industry-leading manufacturers such as **Cisco** and **D-Link**. These devices are deployed with inbuilt secure configurations to mitigate infrastructure-level vulnerabilities.



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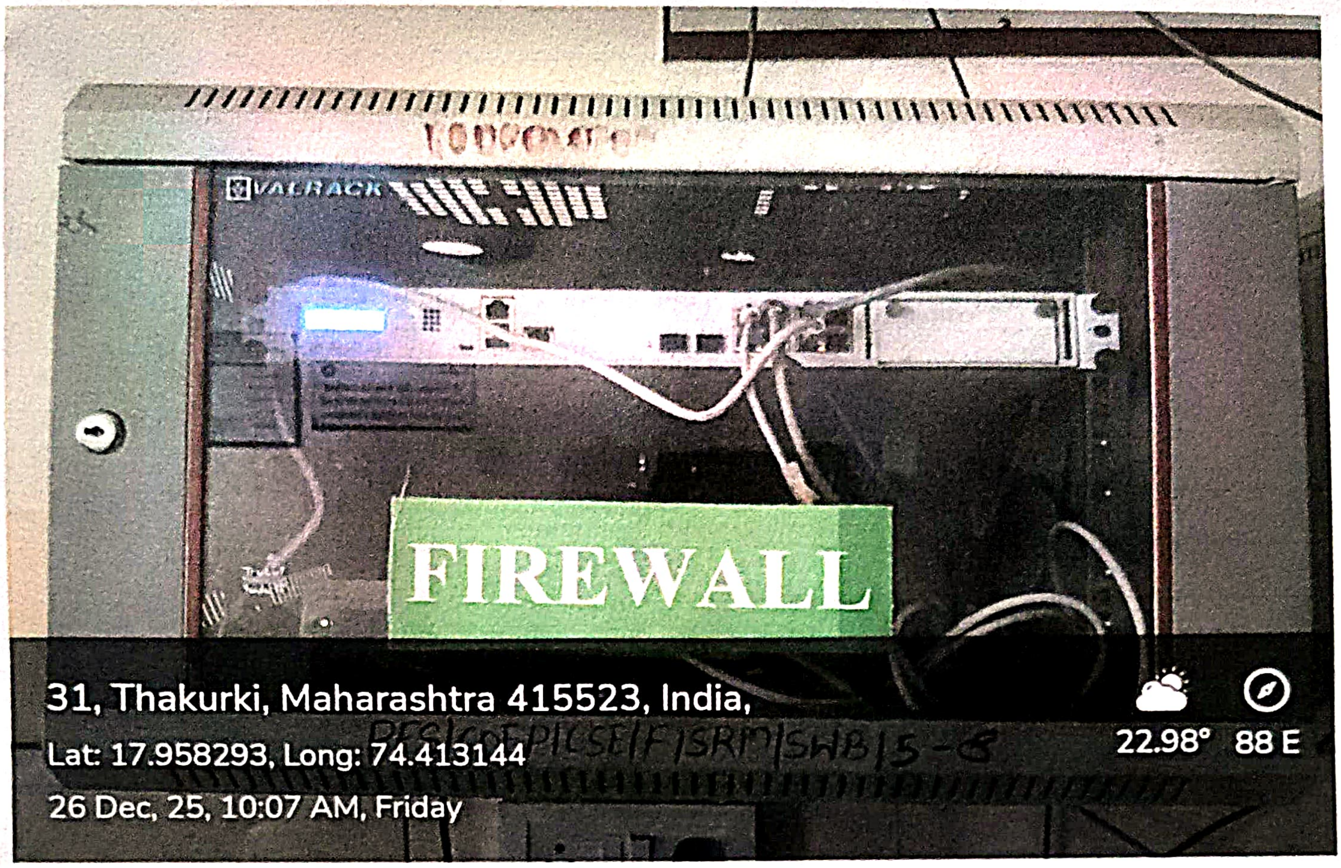
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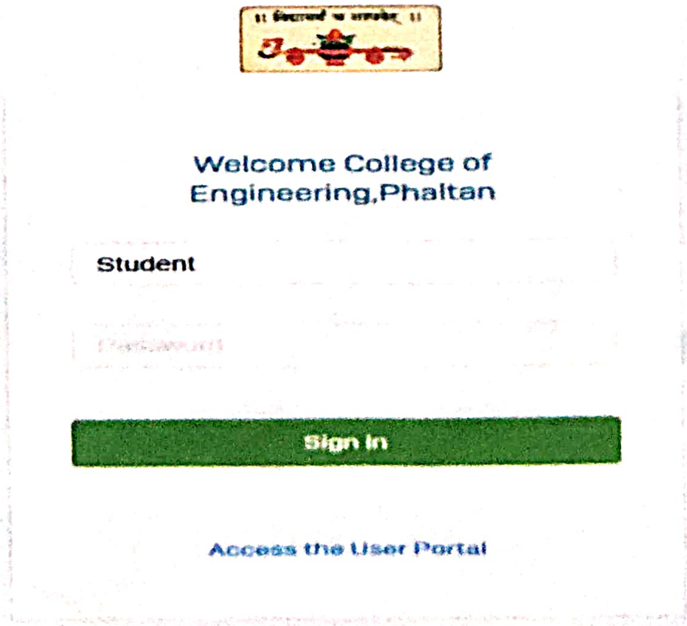
2. Access Control & Identity Management

- **Password Hygiene**: Students and faculty are regularly mandated to update their credentials using strong, complex passwords.
- **Multi-Factor Authentication (MFA)**: All users are requested to enable 2-step verification (MFA) on their institutional accounts to provide an additional layer of security beyond passwords.
- **G-Suite Security Protocols**: Through our institutional **Google Workspace (G-Suite)** account, we have established automated security rules that provide real-time alerts for any unauthorized or suspicious login attempts.



Welcome College of Engineering,Phaltan

Student

3. Awareness and Education

- **Cybersecurity Training**: The institution conducts regular awareness programs for faculty, staff, and students. These sessions are designed to educate the campus community on identifying potential threats, such as phishing, and adopting safe online practices.

4. Software Integrity

The institution maintains a controlled environment for all academic and system software to ensure data integrity across departments.

- **System Software**: Utilization of secure operating systems including Windows 10, Windows 2019 Server, and Linux.
- **Authorized Application Suites**: All engineering and development tools (e.g., MATLAB, AutoCAD, ANSYS, and Oracle) are managed through institutional licenses to prevent the risks associated with pirated software.

P.E.S's College of Engineering • Phaltan, Dist Satara (M.S.)

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Principal
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