

Fortifying Financial Fortresses: The Imperative of Cybersecurity in Banking

Prof. Nitu Sahu and Siddhesh Suhas Tawade

Asst. Professor and Research Scholar

St. Rock's College of Commerce and Science, Borivali (W), Mumbai, India

Abstract: *In an era of rapid digital transformation, the banking sector has become increasingly reliant on technology to deliver financial services efficiently. However, this technological advancement has also exposed banks to a multitude of cybersecurity threats. This abstract explores the critical importance of cybersecurity within the banking sector, highlighting the evolving landscape of threats, the regulatory framework, and the essential strategies and technologies employed to safeguard financial institutions. With the potential for significant financial and reputational damage, these abstract underscores the urgency for banks to prioritize cybersecurity measures and outlines the ongoing efforts to fortify their digital defenses, ultimately ensuring the security of customer data and the stability of the financial system.*

Keywords: Cybersecurity, Banking, Regulations, Employee, Training