

# Cyber Security Challenges in Small and Medium Enterprises (SMEs)

Manpreet Kaur Rajput<sup>1</sup> and Ms. Neha Mittal<sup>2</sup>

Student, Department of BCCA<sup>1</sup>

Assistant Professor, Department of BCCA<sup>2</sup>

Dr. Ambedkar Institute of Management Studies & Research, Nagpur, Maharashtra.

neha\_mittal@daimsr.edu.in

**Abstract:** *Small and Medium Enterprises (SMEs) play a significant role in economic growth, employment generation, and innovation. However, rapid digital transformation has increased their exposure to cyber security threats. Due to limited financial resources, lack of technical expertise, and inadequate security infrastructure, SMEs have become frequent targets of cyber attacks such as phishing, ransomware, and data breaches. This paper examines the major cyber security challenges faced by SMEs, analyzes their impacts, and suggests practical and cost-effective solutions. The study highlights the importance of awareness, preventive measures, and policy support in strengthening cyber resilience among SMEs.*

**Keywords:** Cyber Security, SMEs, Ransomware, Phishing, Data Breach, Information Security

