

Role of Cyber Security in Office Management Systems

¹Ritu Arya, ²Vandana Sinha, ³Ritu arya⁴, Ashish Verma

Department of Physics, Dr. Harisingh Gour Vishwavidyalaya, Sagar, M.P.^{1,3,4}

Shri G.P.M. Degree College of Science and Commerce, Andheri, Mumbai, Maharashtra²

Abstract: *In today's world, technology and network connections are integral to our daily lives. It is therefore crucial to understand what cyber security is and to use it effectively. Systems, important files, data, and other virtual assets are at risk if they are not adequately protected. Every company, regardless of whether it is an IT firm or not, must be equally protected. However, as new cyber security technologies are developed, attackers are also continually improving their hacking techniques and targeting the vulnerabilities of many businesses. Cyber security is essential because military, government, financial, medical, and corporate organizations accumulate, process, and store unprecedented amounts of data on computers and other devices. A significant portion of that data can be sensitive information, including financial data, intellectual property, personal information, or other types of data for which unauthorized access or exposure could have negative consequences. In the future a lot of work can be done in the field of quantum computing and its applications in cyber security.*

Keywords: IT firm, Cyber security, Intellectual property.