

Cyber Pandemic: Roots and Solution

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Abstract: *Since the pandemic started and a lockdown was announced, we witnessed the unlocking of different solutions switching towards digitization. With an increase in digital devices, internet usage and a decline in the economy globally due to Covid 19, there is a rise in cybercrimes. With technology and online systems in demand, almost the majority of people own at least one of these devices, which include smartphones, personal computers, laptops, tablets etc. People were leaning towards online classes, work, shopping, and had access to the internet for more hours as compared to previous usage records. During this period people were unaware of the possible cyber fraud activities that may harm them, as cybercrime is harder to detect and even more difficult to solve. This paper focuses on finding the most prevalent type of cybercrime, the category of people targeted for cyber fraud, and providing a model of solution for the prevention of the same using computer vision as a core technology for secure access to digital devices and the internet.*

Keywords: Cybercrime, cyber fraud, digital, computer vision, phishing, cyber-attacks, online classes, cyber law, IT act 2000, secure web surfing, pandemic, Covid-19.

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