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SEMINARS ON TECHNOLOGICAL ADVANCES AND INNOVATION

tifr
tata institute of
fundamental research

Suman Saurav

TATA INSTITUTE OF FUNDAMENTAL RESEARCH HYDERABAD

BASIC CONCEPTS OF CYBERSECURITY

In today's digital era, cybersecurity has become a crucial aspect of protecting sensitive information and maintaining the integrity of various technological infrastructures. Cybersecurity involves the practices, technologies, and processes designed to safeguard networks, devices, programs, and data from attack, damage, or unauthorized access.

Effective cybersecurity strategies require a combination of proactive and reactive measures, including firewalls, encryption, multi-factor authentication, regular software updates, and user education to recognize and avoid potential threats. As cyber threats continue to evolve, ongoing vigilance and adaptation are essential to maintain robust cybersecurity defenses.

I will be discussing cybercrime, digital risks, various types of cyber attacks, advanced persistent threats (APTs), the basics of how the internet works, the most common attacks on individuals, ways to protect yourself, and cybercrime reporting

NOV | 27th | 2024

TIFR H Auditorium 11:30 Hrs

Tea/Coffee 11:15 Hrs