



**Two-Day Online Workshop on “Staying Safe Online: Cyber Hygiene for All” in observance of National Cyber Security Awareness Month - October 2025.**

**Dates: 27<sup>th</sup> & 28<sup>th</sup> October 2025**

**Time: 2:30 PM – 5:00 PM (IST)**

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**Distinguished Speakers**



**Shri Vijay Kumar Roy**

***(Former Deputy Director General (SRI), Department of Telecommunications, Ministry of Communication, Government of India)***

**Shri Vijay Kumar Roy** is a distinguished expert in the field of telecommunications, with a career dedicated to advancing wireless technologies and fostering innovation in India’s telecom ecosystem. He has served as the Former Deputy Director General (Standards, Research, and Innovation) at the Department of Telecommunications (DoT), Ministry of Communications, Government of India.

With extensive experience in telecom standardization, research, and development, Shri Roy has played a pivotal role in shaping India’s technological progress in wireless communication systems. As an ICT standardization expert, he has represented India in major global forums, including leading the Indian delegation to the ITU-T Study Group 5 and contributing to ITU-R SG5 and WP5D discussions on the IMT-2030 (6G) frameworks.

He has been instrumental in the development and field trials of 5G technologies in India and contributed significantly to the visionary “Bharat 6G” initiative. His technical leadership and contributions to mobile communication standards have earned him national recognition and honors for excellence in telecom operations and innovation.

Shri Roy’s expertise lies at the intersection of cyber infrastructure and wireless communication, with a focus on developing secure, resilient, and future-ready digital networks. His leadership in standardization and policy development has strengthened telecommunication security and supported the foundation of safer online ecosystems. A strategic thinker and innovator, Shri Roy continues to be a guiding force in aligning India’s telecom advancements with global standards and sustainable technological growth.

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**Dr. Arjun Choudhary**

*(Deputy Director, Center for Cyber Security, SPUP Jodhpur)*

**Dr. Arjun Choudhary** serves as the Deputy Director at the Center for Cyber Security, Sardar Patel University of Police, Security and Criminal Justice, Jodhpur, India. He is an accomplished academician and researcher with expertise in cyber security, cloud computing, big data analytics, and information security frameworks.

Dr. Choudhary possesses extensive technical proficiency in Python, .NET, and web development, along with experience in Linux system administration and database management. His work integrates these skills to design and implement secure digital systems. His research interests include cyber defense mechanisms, ethical hacking, and digital forensics, addressing contemporary challenges in cyber threat mitigation and cyber hygiene. At Sardar Patel University, he has been a key contributor to capacity-building programs for law enforcement agencies and security professionals, focusing on practical training in cyber threat detection and response. His leadership fosters interdisciplinary collaboration, combining technical innovation, policy insights, and law enforcement perspectives to address evolving cyber threats.

Dr. Choudhary is deeply committed to education-driven awareness in cyber security. He actively contributes to curriculum development and skill enhancement programs to prepare the next generation of professionals capable of safeguarding digital infrastructure. Through applied research and innovation, he continues to strengthen India's cyber resilience and promote a safer digital ecosystem.



**Dr. Munesh Singh**

**Associate Professor,  
Department of Computer Science and Engineering,  
National Institute of Technology (NIT) Delhi  
(An Institution of National Importance)**

**Dr. Munesh Singh** is an accomplished academic and researcher in the field of Computer Science and Engineering. He earned his Ph.D. from the National Institute of Technology (NIT) Rourkela in 2017 and has since built a diverse professional portfolio encompassing

both academia and industry. Prior to joining NIT Delhi as an Associate Professor, he served at VIT University and held faculty positions at IIITDM Kancheepuram and PDPM IIITDM Jabalpur. He also gained valuable industrial experience at Honeywell Technology Solutions Lab, Bangalore.

Dr. Singh's research interests span the domains of Cybersecurity in IoT and Cloud Environments, Software-Defined Networking (SDN), and Cyber-Physical Systems (CPS). He has authored and co-authored more than 23 international journal and conference publications and actively contributes to cutting-edge research and innovation in cybersecurity and IoT applications.

He has successfully led and collaborated on several sponsored research and consultancy projects funded by reputed agencies such as TiHAN-IIT Hyderabad, DST, and the Data Security Council of India (DSCI), with a cumulative grant value exceeding ₹60 lakhs. His ongoing and completed projects address challenges in hardware security, UAV tracking, IoT-based smart systems, and data-driven safety intelligence.

Dr. Singh also holds multiple patent filings, including innovations in logic locking for integrated circuit design and IoT-based sensor systems for smart monitoring. He is a Senior Member of IEEE and a Professional Member of IAENG, reflecting his active engagement in the global research community.



**Dr. Jagdeep Singh**

**(Assistant Professor, SLIET Longowal)**

**Dr. Jagdeep Singh** is a Cyber Security and Artificial Intelligence researcher, currently serving as the Chief Information Security Officer (CISO) and Assistant Professor in the Department of Computer Science and Engineering at SLIET, Longowal, a deemed university under the Ministry of Education, Government of India.

He earned his Ph.D. in Computer Engineering from the University of Delhi, focusing on *network security*. His academic and research interests encompass Cyber Security, Blockchain, Artificial Intelligence, Machine Learning, and High-Performance Computing (HPC). Dr. Singh has authored numerous research papers in reputed international journals and is the author of the book "*Smart and Secure Internet of Healthcare Things*" published by Taylor & Francis in 2022. As CISO, he leads the institute's cyber security strategy, promoting awareness, resilience, and secure academic networking across campus.

His professional excellence has been recognized through several national and international honors. He received the Prototype and Ideation Stage Awards under the Indian Web Browser Development Challenge (2025), organized by the Ministry of Electronics and Information Technology (MeitY), Government of India, with a prize of ₹12,00,000. He was elected as a Senior Member of the Indian National Academy of Engineering (INAE) in 2025 and the IEEE in 2023. Dr. Singh is an AICTE Certified Master Trainer in High-Performance Computing and a recipient of the Shastri Conference and Lecture Series Grant (2022) from the Shastri Indo-Canadian Institute. He has secured multiple research grants, including ₹6,00,000 for the AICTE-sponsored Advanced Level ATAL FDP on “Artificial Intelligence in 6G Communications” (2025) and support for the AICTE-QIP-funded Short-Term Course “Advancements in Computer Science and Information Technology (ACSIT-2021)”. His research paper at the NCIESA-2024 Conference, organized by NIT Kurukshetra, received the Best Paper Award. Dr. Singh has also delivered more than 15 invited expert talks on advanced topics including AI-driven Cybersecurity, Quantum Communication, and Next-Generation Secure Networking.

