



Global Encryption Day-2024

Securing the Digital Future: Innovations and Challenges in Global Encryption
8th November 2024

The Internet Society India Hyderabad Chapter and the Department of Computer Science, University of Hyderabad, successfully hosted Global Encryption Day 2024, themed “**Securing the Future: Innovations and Challenges in Global Encryption.**” The event brought together over 80 participants, including Subject Matter Experts, industry leaders, and Research Students, to discuss the future of encryption technology and its impact on data security and privacy.



The day commenced with opening remarks by K Mohan Raidu, President, Internet Society India Hyderabad Chapter where he highlighted the Chapter progress and their role in propagating the Internet Society Vision and importance of encryption in this digital world, while Prof. Atul Negi, Dean of the School of Computer and Information Sciences spoke on the relevance of Global Encryption techniques taught in education, followed by a keynote address by Dr. B Jagadeeswara Rao, Vice-Chancellor, University of Hyderabad who praised the collaboration of Internet Society Hyderabad Chapter and University of Hyderabad to conceptualize such a wonderful event. Dr. Sriram Biradavolu, CEO of the Data Security Council of India, who highlighted encryption's growing importance in the digital era. Ranjeeth Bellary, Partner at EY, expanded on the critical role of encryption in cyber resilience, stressing the need for strong, adaptable security measures.

Key Sessions and Insights:

The event featured a series of insightful sessions:

- **Innovation in Encryption** led by Mudit Sharma from ServiceNow, who introduced emerging technologies that enhance encryption efficacy.
- **Fundamental Crypto Principles** with Prof. V. Ch. Venkaiah from the University of Hyderabad, who provided foundational knowledge on cryptosystem design.



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- **Future-Proofing Data** by Manoo Kapoor of Microsoft, emphasizing the need for advanced encryption investment by digital natives to safeguard data against evolving threats.

In the afternoon, the focus shifted to the balance between encryption, policy, and ethics. Sanjay Chittore, CEO of Quantum AI Global, discussed quantum encryption's future potential, while Narasimha Sekhar Kakaraparthi of Wipro shared industry best practices for effective encryption implementation.

Panel Discussion on Trends and Challenges:

A dynamic panel, moderated by Dr NJ Rajaram, explored global encryption trends, innovations, and challenges. Panelists, including leaders from Narasimha Shekar from Wipro, Neelesh Katoch from QuLabs and Sairam Palabindela from TSARO Labs, examined the multifaceted role of encryption in protecting data and ensuring privacy across sectors.

The event concluded with certificate distribution and closing remarks by K Mohan Raidu, President of the Internet Society Hyderabad Chapter, Rukma Rekha from University of Hyderabad who lauded the contributions of speakers and attendees. Global Encryption Day 2024 succeeded in fostering meaningful dialogue and collaboration, underscoring encryption's pivotal role in shaping a secure digital future. Finally, Dr. Salman Abdul Moiz, Vice President, Internet Society India Hyderabad Chapter and Bala Peddigari, Secretary of Internet Society India Hyderabad Chapter has summarized the event and acknowledged all the stakeholders and host organization contributions.

