



IDEMIA Secure Transactions Partners with IIT Hyderabad on Post-Quantum Cryptography

A leading company in post-quantum cryptography, IDEMIA Secure Transactions has engaged in a research agreement with IIT Hyderabad, one of India's leading technology institutes, to empower future innovators to forge highly secure solutions.

PAYMENT CONNECTIVITY

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IDEMIA Secure Transactions (IST), a division of IDEMIA Group, today announces a strategic research partnership with Indian Institute of Technology, Hyderabad (IIT Hyderabad) on Post Quantum Cryptography. The objective of the partnership will be to strengthen privacy frameworks against quantum threats, with a specific focus on designing post-quantum schemes based on lattices and to create post-quantum cryptography solutions that ultimately ensure the long-term security of products. As part of this partnership project, IST will sponsor PhD scholars over a four-year period.

IST's active involvement in advancing post-quantum cryptography efforts in India includes collaborations with key industry and government bodies. The company actively contributes to standardization bodies and organizations in India, including TSDSI, TEC, and CDOT, showcasing its commitment to advancing cryptographic research in the region.

IDEMIA Secure Transactions is committed to fostering innovation globally, having established multiple post-quantum research partnerships with European universities. These collaborations aim to invest in our future and further technological advancements in cryptographic research.

We are excited to embark on this journey with IDEMIA in advancing post-quantum research. IDEMIA Secure Transactions' unparalleled expertise and commitment to innovation align seamlessly with our vision. Together, we look forward to pioneering groundbreaking solutions that will shape the future of cryptographic systems and safeguard transactions worldwide.

Dr Mudrika KHANDELWAL, Dean, Alumni and Corporate Relations, at IIT Hyderabad

We are very excited to launch this academic partnership with IIT Hyderabad. At IDEMIA Secure Transactions, we are committed to advancing technology and safeguarding information in the post-quantum era. By nurturing the next generation of scholars and engineers and fostering collaborations with esteemed institutions like IIT Hyderabad, we're spearheading the evolution towards a secure digital future.

Paul DISCHAMP, Cryptography & Security Lab Director R&D at IDEMIA Secure Transactions

About IDEMIA Group - IDEMIA Group unlocks simpler and safer ways to pay, connect, access, identify, travel and protect public places. With its long-standing expertise in biometrics and cryptography, IDEMIA develops technologies of excellence with an impactful, ethical, and socially responsible approach. Every day, IDEMIA secures billions of interactions in the physical and digital worlds.

IDEMIA Group brings together three market-leading businesses that enable mission-critical solutions:

- **IDEMIA Secure Transactions** is the leading technology provider who unlocks safer and easier ways to pay and connect.
- **IDEMIA Public Security** is a leading global provider of biometric solutions that unlock convenient and secure travel, access, and protection.
- **IDEMIA Smart Identity** leverages the power of cryptographic and biometric technologies to unlock a single trusted identity for all.

With a global team of nearly 15,000 employees, IDEMIA Group is trusted by over 600 governmental organizations and more than 2,400 enterprises in over 180 countries. For more information, visit www.idemia.com and follow @IDEMIAGroup on X.

About Indian Institute of Technology, Hyderabad - The Indian Institute of Technology Hyderabad (IITH) is one of the eight IITs established by the Government of India in 2008. In a short span of 15 years, the institute has become one of the top-ranked institutions in the country and has received global recognition.

It has 300+ full-time faculty, ~4,800 students, 18 Departments + 1 Centre for Interdisciplinary Programs, nearly 500+ state-of-the-art Research facilities, and five research and entrepreneurship centers. The institute has a strong research focus with approx. Rs. 1,000+ Cr of sanctioned research funding, with PG+PhD students accounting for about 60% of total student strength. IITH has more than 10,000+ research publications with 1,500,000+ citations, 200+ published patents, 3,700+ sponsored/consultancy projects with 500+ running projects, and about 200+ startups that have generated 1,000+ jobs and a revenue of Rs. 1,200+ Cr. To know more, please visit <https://www.iith.ac.in/>



your press contact(s).

IDEMIA

contact.press@idemia.com

HAVAS PARIS

idemia@havas.com