

Ministry of Electronics & IT



UIDAI initiates Technological and Strategic Review to shape the future of Digital ID

Expert Committee constituted to guide technological and strategic roadmap

UIDAI's technology stack is set for a major upgrade, harnessing emerging technology and deep-tech a key focus area

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Recognizing the rapidly changing technological and regulatory landscape, the Unique Identification Authority of India (UIDAI) has embarked on a comprehensive strategic and technological review to shape the next decade of Aadhaar's evolution through a new 'Aadhaar Vision 2032' framework.

Aadhaar Vision 2032

This forward-looking roadmap will strengthen Aadhaar's technological foundation, integrate emerging digital innovations, and ensure that India's digital identity platform remains robust, inclusive, and future-ready. UIDAI's technology stack, which forms the backbone of Aadhaar services and works as a facilitator of our digital economy, is set for a major upgrade.

To guide this ambitious transformation, UIDAI has constituted a high-level Expert Committee under the chairmanship of Shri Neelkanth Mishra, Chairperson, UIDAI. The committee brings together eminent experts and leaders from academia, industry, and administration, to provide strategic direction on strengthening Aadhaar's innovation roadmap.

The committee includes: Shri Bhuvnesh Kumar, CEO, UIDAI; Shri Vivek Raghavan, Co-Founder of Sarvam AI; Shri Dheeraj Pandey, Founder of Nutanix; Shri Sasikumar Ganesan, Head of Engineering, MOSIP; Shri Rahul Matthan, Partner, Trilegal; Shri Navin Budhiraja, CTO & Head of Products, Vianai Systems; Dr. Prabakaran Poornachandran, Professor at Amrita University; Shri Anil Jain, Professor at Michigan State University; Shri Mayank Vatsa, Professor at IIT Jodhpur; and Shri Abhishek Kumar Singh, Deputy Director General, UIDAI.

The committee will develop the Aadhaar Vision 2032 document, outlining the framework for next-generation Aadhaar architecture aligned with India's Digital Personal Data Protection (DPDP) Act, and emerging global standards of privacy and cybersecurity.

The Aadhaar Vision 2032 framework will focus on leveraging cutting-edge technologies such as Artificial Intelligence (AI), Blockchain, Quantum Computing, Advanced Encryption, and next-generation Data Security mechanisms. These will ensure Aadhaar remains resilient against evolving cybersecurity threats, scalable for future demand, and adaptive to the rapidly changing digital landscape.

With this initiative, UIDAI reaffirms its commitment to technological excellence, innovation, and public trust ensuring Aadhaar continues to be a transformative force in India's digital governance journey. The Vision 2032 roadmap is not only about sustaining technological leadership but also about reinforcing Aadhaar's role as a secure, inclusive, and people-centric digital identity.

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