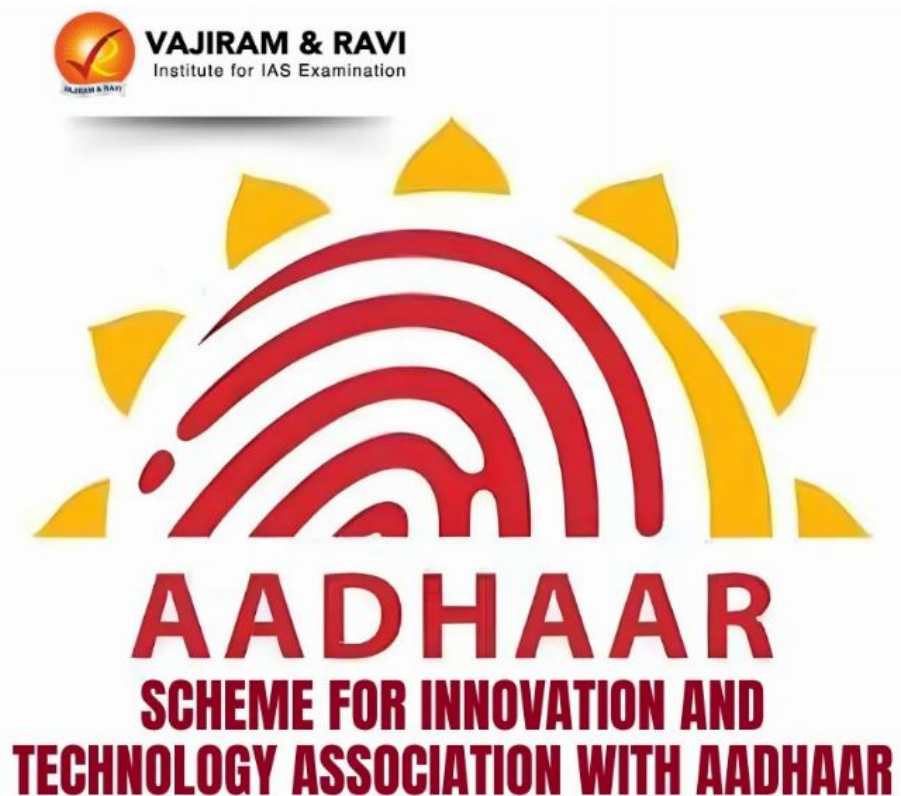


Scheme for Innovation and Technology Association with Aadhaar

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Scheme for Innovation and Technology Association with Aadhaar Latest News

Recently, the Unique Identification Authority of India (UIDAI) has launched the Scheme for Innovation and Technology Association with Aadhaar (SITAA).

About Scheme for Innovation and Technology Association with Aadhaar

- It was launched to **strengthen India's digital identity ecosystem** and combat emerging security threats such as **deepfakes, spoofing, and presentation attacks**.
- It aims to bring together **startups, academic institutions, and industry players** to co-develop secure, scalable, and globally benchmarked solutions that **enhance Aadhaar authentication**.
- The program will particularly focus on **advanced biometric technologies**, authentication frameworks, artificial intelligence, and data privacy.

- The **SITAA pilot phase** will roll out three targeted challenges designed to address critical areas of Aadhaar authentication security:
 - **Face Liveness Detection: Startups** are invited to develop **software development kits** (SDKs) for passive and active face liveness detection.
 - **Solutions** must prevent spoofing through photos, videos, masks, morphs, deepfakes, and adversarial inputs.
 - **Presentation Attack Detection (PAD): Academic and research institutions** can submit proposals for advanced PAD solutions that leverage AI/ML to detect a wide range of attacks, including print, replay, masks, morphs, and deepfakes.
 - **Solutions** must be privacy-compliant, scalable, and capable of real-time or near-real-time detection.
 - **Contactless Fingerprint Authentication:** It focuses on **developing SDKs for fingerprint authentication** using **standard smartphone cameras** or low-cost imaging devices.
 - The solutions must ensure **high-quality image capture**, spoof detection, and compatibility with Aadhaar's authentication ecosystem.

Source: PIB

Source: <https://vajiramandravi.com/current-affairs/scheme-for-innovation-and-technology-association-with-aadhaar/>

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