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# TECH TALK

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## RBI ISSUES GUIDELINES FOR ESTABLISHMENT OF DIGITAL BANKING UNITS:

The Reserve Bank of India (“RBI”), vide circular dated April 7, 2022, issued guidelines for the establishment of digital banking units (“Guidelines”). The Guidelines are applicable to all domestic scheduled commercial banks (excluding regional rural banks, payments banks, and local area banks).

The banks setting up DBUs will be, inter alia, required to offer certain minimum digital banking products and services; ensure the physical security of the infrastructure of the DBU, and implement adequate cyber security safeguards to protect the DBUs from cyber breaches and threats.

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## CARDLESS CASH WITHDRAWALS TO BE MADE AVAILABLE AT ALL BANKS' ATM USING UPI:

Governor of the Reserve Bank of India (RBI), Shaktikanta Das said it is proposed that the cardless cash withdrawals option will be made available to all banks and ATMs using the Unified Payments Interface (UPI).

The cardless withdrawal request can be initiated for a minimum of ₹100 per transaction and up to a maximum of Rs10,000 per day or ₹25,000 per month for a beneficiary.

This is been done to contain frauds like skimming, card cloning, device tampering, etc.

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# **INDIAN COMPUTER EMERGENCY RESPONSE TEAM (CERT-IN) ISSUED NEW CYBERSECURITY DIRECTIONS**

**The Indian Computer Emergency Response Team (CERT-In) issued new cybersecurity directions setting forth the requirements governing the timeline for reporting cyber security incidents, maintenance of KYC and transaction information for crypto exchanges and wallets, maintenance of customer details by data centers, cloud services, and VPN providers, and maintenance of logs in the Indian jurisdiction.**

**The new directions require all service providers, intermediaries, data centres, body corporates, and government organizations to report cybersecurity incidents (of the nature specified in the Directions) within 6 hours of noticing of the same. Such entities are also required to designate a single point of contact who will be responsible for cooperating with CERT-In.**

**Further, given the increasing popularity of virtual assets, CERT-In has also mandated that cryptocurrency/virtual asset service providers, cryptocurrency/virtual assets exchanges, and custodian wallet providers will be required to maintain all information obtained as part of KYC as well as records of financial transactions for a period of five years**

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# TAMIL NADU RELEASES A DATA USE POLICY

The Tamil Nadu government recently released a data policy (TN Policy).

The TN Policy's thematic focus is on making data usable for the public good. It will make data accessible to all stakeholders, including private parties, transparently, similar to what IT Ministry's draft data accessibility and use policy intended to do.

The TN Policy seeks to create a single data repository - with identifiers such as name, date of birth, addresses, and bank account details - and leverage it for delivering government schemes.

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Purpose of data sharing	Data Requester	Nature of Dataset				Access/Cost	Permission Authority
		Personally Identifiable Information	Sensitive Personal Data	Anonymized	Aggregated		
Public good	Anybody	N	N	Y	Y	Open/ free	Automated
Policy making/ monitoring	Govt. Depts. or Agencies/ PSUs	N	N	Y	N	Open/ free	TNeGA
Policy making/ monitoring	Govt. Depts. or Agencies/ PSUs	Y	Y	Y/N	Y/N	Permissioned / free	DIDC (see section 13)
Policy research / advocacy	Academia/ NGOs	N	Y/N	Y	Y/N	Permissioned / TBD*	EDGC (see
Value Added Services (VAS)	Govt. Agencies/ PSUs/ NGOs/ Private Sector	N	Y/N	Y	Y/N	Permissioned / TBD*	

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## **SOLAR ENERGY TO BE TRANSPORTED, HARVESTED, AND STORED WITHOUT THE USE OF PHOTOVOLTAIC CELLS:**

Researchers at the Chalmers University in Sweden and the Shanghai Jiao Tong University have come up with a technique to harvest, store and transport solar energy and then derive electricity from it without the use of conventional photovoltaic cells or batteries. The researchers successfully devised a method to store solar energy as chemical energy within a special kind of molecule for up to 18 years.

This article titled “*Storing energy with molecular photoisomers*” was published in the journal *Joule* in December 2021.

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## **SOON INDIA WILL HAVE WORLD'S LONGEST ELECTRIC VEHICLE HIGHWAY:**

Yamuna Expressway and Delhi Jaipur Highway (NH8) are named as Atal Harit Vidyut Rashtriya Mahamarg (AHVRM). This highway is 500-km long and it will be completely converted to facilitate electric vehicles. Currently, the world's largest EV highway is situated in Berlin, Germany.

Trials were conducted on the Yamuna and Delhi-Jaipur highway in December 2020, and two basic charging stations are operational in Gurugram.

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