

THINK IAS

JOIN SAMYAK

Samyak
An Institute For Civil Services

DAILY

CURRENT **गामा**

21-22 July, 2024

 **9875170111**

 **SAMYAK IAS, NEAR RIDDHI-SIDDHI, JAIPUR**

Art and Culture

1. Kutchi Rabari community - The Hindu

Geography

2. Piracicaba river - The Hindu
3. Neva river - The Hindu

Society

4. How children win with U-WIN, govt's new online vaccine portal - Indian Express

Polity

5. Will local job quotas pass the legal test? - The Hindu
6. The Governor's immunity - Indian Express

World Affairs

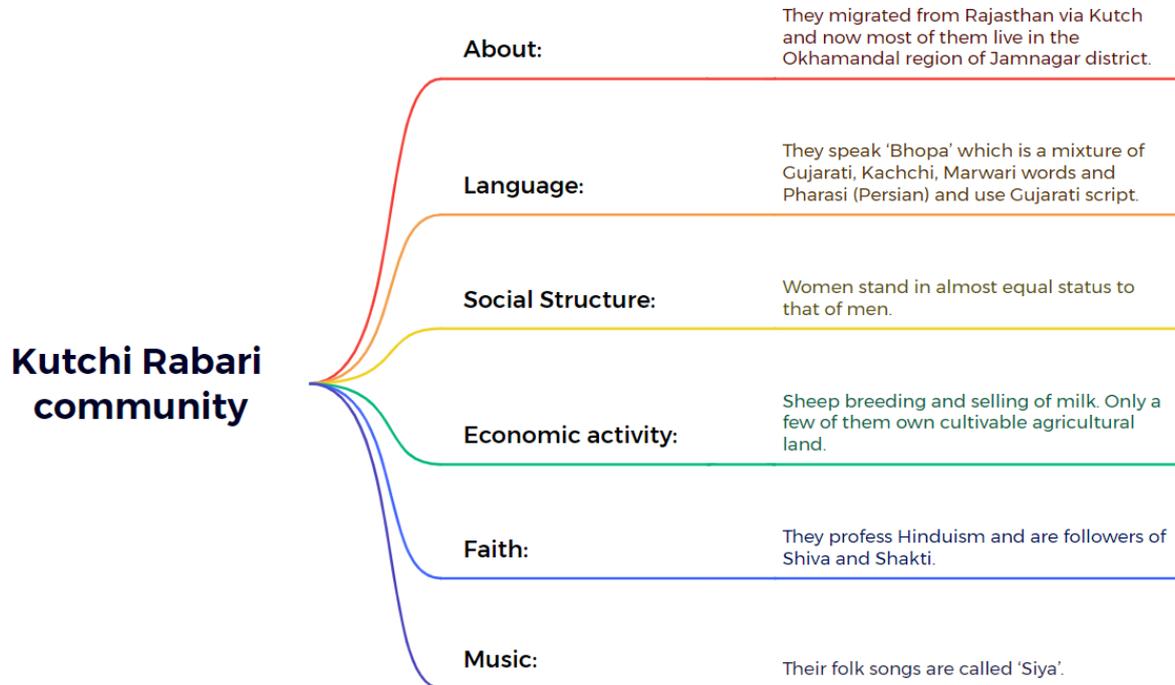
7. What ICJ said about Israel's occupation of West Bank and East Jerusalem - Indian Express

Sci and Tech

8. Nipah Virus - The Hindu
9. Dyson sphere - The Hindu
10. PC emulator - The Hindu

Art and Culture

1. Kutchi Rabari community - The Hindu



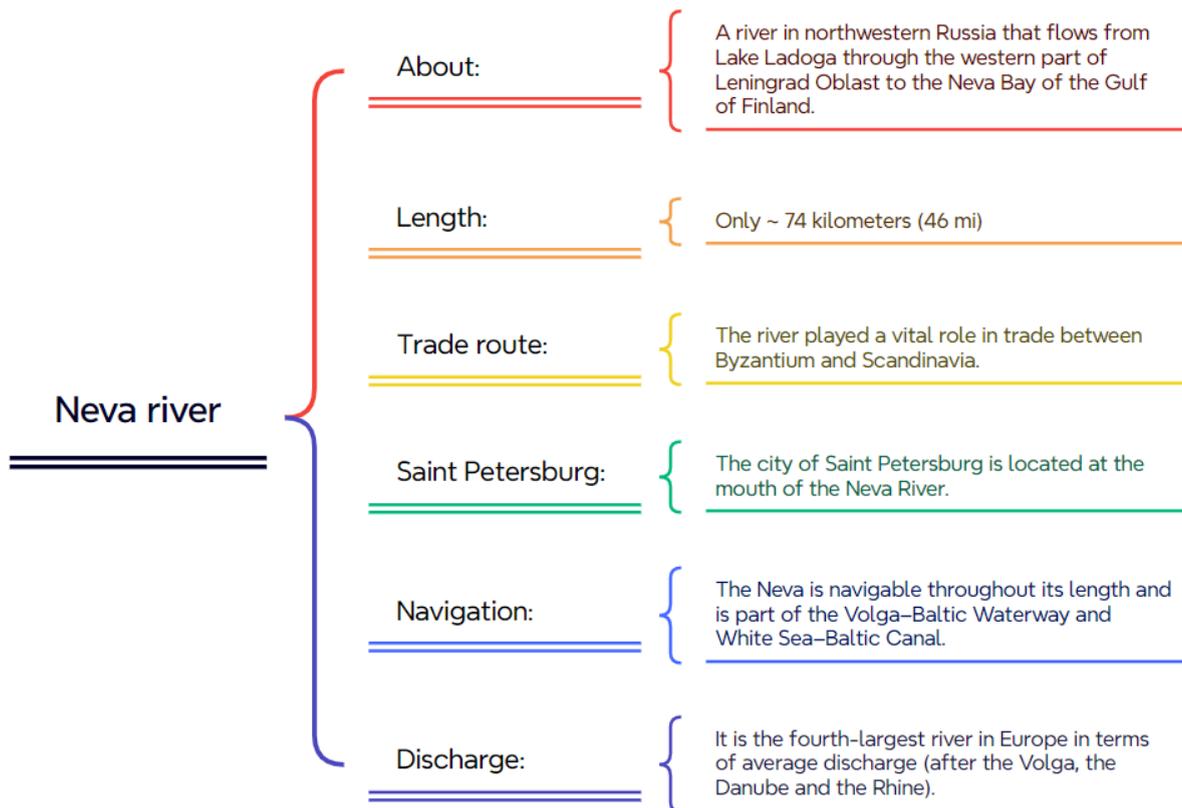
Geography

2. Piracicaba river - The Hindu

Recently, tons of dead fish were found rotting in the river downstream from where local authorities say a sugar and ethanol plant dumped industrial waste.



3. Neva river - The Hindu



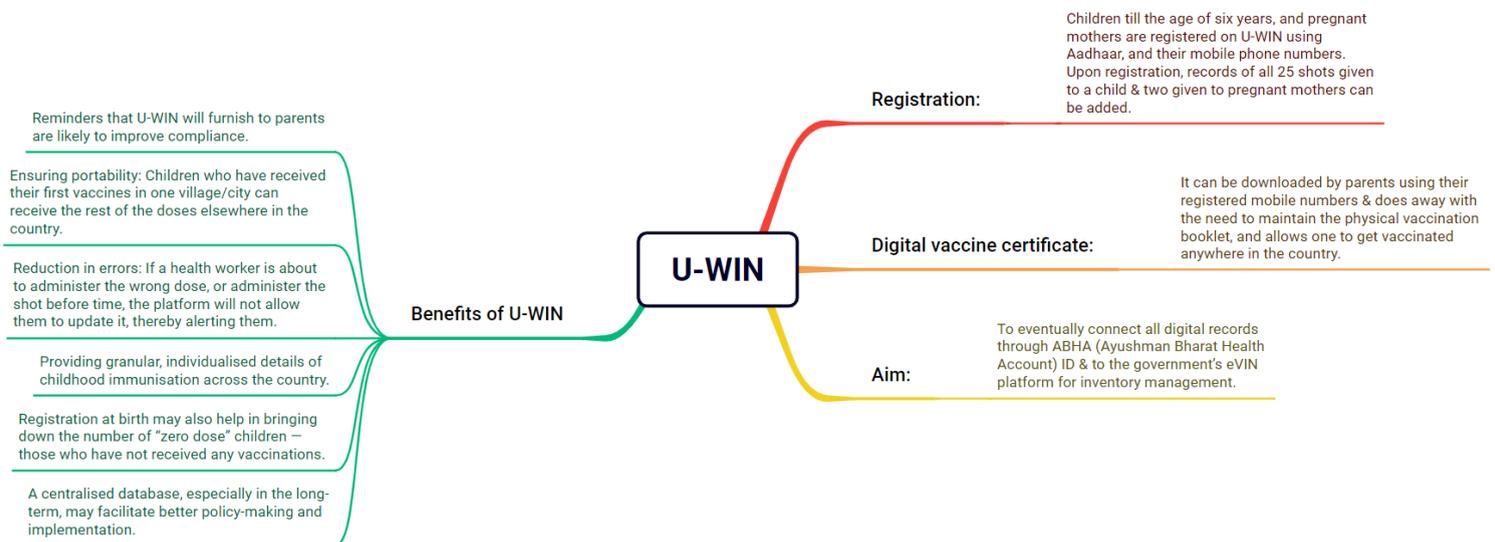
Society

4. How children win with U-WIN, govt's new online vaccine portal - Indian Express

Context

On the government's 100-day health agenda is the countrywide rollout of U-WIN, an online vaccine management portal for childhood vaccination — similar to CoWIN used during the Covid-19 pandemic. With digitised and individualised immunisation records since birth, the government hopes to identify and reach the small proportion of children currently outside its vaccine net. The platform is already being piloted in several states, and national implementation is imminent.

U-WIN



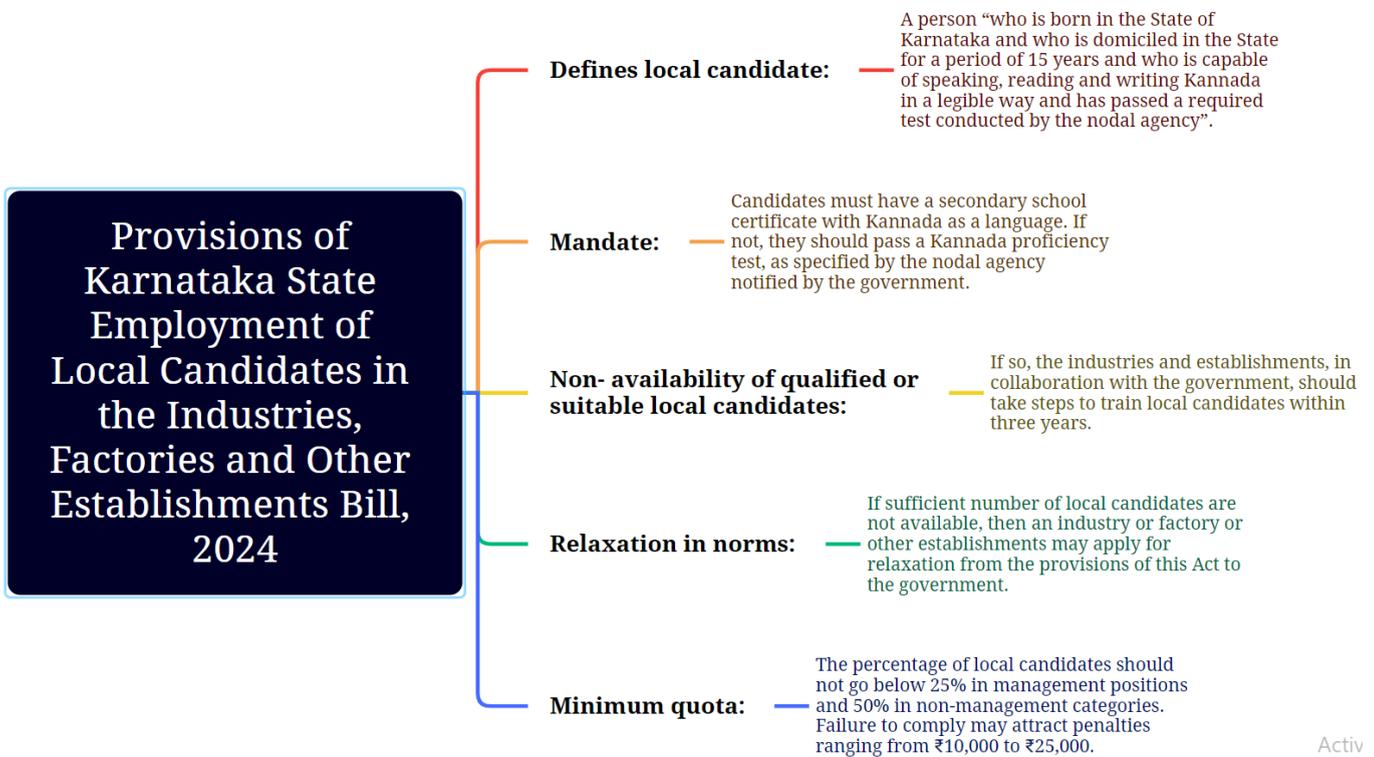
Polity

5. Will local job quotas pass the legal test? - The Hindu

Context

The Karnataka State Employment of Local Candidates in the Industries, Factories and Other Establishments Bill, 2024, which aims to provide reservation for Kannadigas in the private sector in the State, has been put on hold after severe backlash from business leaders and industry representatives.

Provisions of Karnataka State Employment of Local Candidates in the Industries, Factories and Other Establishments Bill, 2024



Activ

6. The Governor's immunity - Indian Express

Context

The Supreme Court recently agreed to hear a plea seeking to redefine the contours of the constitutional immunity enjoyed by the Governor of a state. Article 361 of the Constitution shields the President and Governor from criminal prosecution, and bars any judicial scrutiny of their actions.

Constitutional Immunity provided to Governors under Article 361

- **Origin:** The protection can be traced to the Latin maxim *rex non potest peccare* or “the king can do no wrong”, which is rooted in English legal traditions.

- The President, or the Governor of a state, “shall not be answerable to any court for the exercise and performance of the powers and duties of his office or for any act done or purporting to be done by him in the exercise and performance of those powers and duties”, unless it is by Parliament for impeachment from office.
- The provision further says “no criminal proceedings whatsoever shall be instituted or continued”; “no process for the arrest or imprisonment” can take place while the President, or the Governor, holds office.

Judicial interpretation

- **State vs Kalyan Singh & Ors, 2017:** Concerning the Babri Masjid demolition in 1992, the SC said being the Governor, Kalyan Singh “is entitled to immunity under Article 361 of the Constitution as long as he remains Governor of Rajasthan. The Court of Sessions will frame charges and move against him as soon as he ceases to be Governor”.
- **Vyapam scam:** In its ruling, the HC allowed investigation in that FIR against other accused, while “effacing” the name of the Governor till he occupied the office. As Yadav died in November 2016, the SC did not rule in appeal.
- **Rameshwar Prasad vs Union of India, 2006:** In the case, the SC had to deal with the Governor’s immunity in civil cases after recommending the Bihar Assembly’s dissolution in 2005.

World Affairs

7. What ICJ said about Israel's occupation of West Bank and East Jerusalem - Indian Express

Context

The International Court of Justice (ICJ), the United Nations' principal judicial organ, said recently that Israel's occupation of the West Bank and East Jerusalem violated international law, and its presence in Palestinian territories should come to an end "as soon as possible". Israel has occupied the West Bank and East Jerusalem since the Six-Day War in 1967. Prior to this, the territories were under Jordanian control.

Meaning of 'occupation' in international law

- **Definition as per Article 42 of "Hague Convention (IV):** A "territory is considered occupied when it is actually placed under the authority of the hostile army." An occupation must only be temporary, and cannot involve any transfer of sovereignty to the occupying power.
- **1907 Hague regulations & 4th Geneva Convention of 1949:** They established international legal standards for humanitarian treatment in war which include providing food and medical care to the population of an occupied territory. They also prohibit civilian transfers of population in the territory, and the use of or threat of force.

On prolonged occupation

- **No time limit:** Since international law does not specify any temporal limit for an occupation, the ICJ noted that the legal status of an occupation cannot be determined by how long a territory has been occupied.
- **What affects the legality of said occupation:** The occupying power's "policies and practices and the manner in which they are implemented and applied on the ground".

On settlement policy

- **Pushed Palestinians to leave parts of occupied territories against their will:** This violates Article 49 of the Fourth Geneva Convention which provides that "The Occupying Power shall not deport or transfer parts of its own civilian population into the territory it occupies";
- **Breaches Articles 46** (protection of private property), 52 (general protection of civilian objects), and 55 (protection of the natural environment) of the Hague regulations
- **Fails to follow Article 43 of the Hague regulations:** It mandates occupying powers, "unless absolutely prevented", to respect the law in force in the occupied territories.

On annexation of Palestinian territories

- **Annexation:** Permanent control over an occupied territory.
- **Impact of Israel annexation:** Apart from the maintenance and expansion of settlements, these include the exploitation of Palestine's natural

resources, the proclamation of Jerusalem as Israel's capital, and the application of Israeli domestic law in East Jerusalem and the West Bank.

On discriminatory legislation and measures

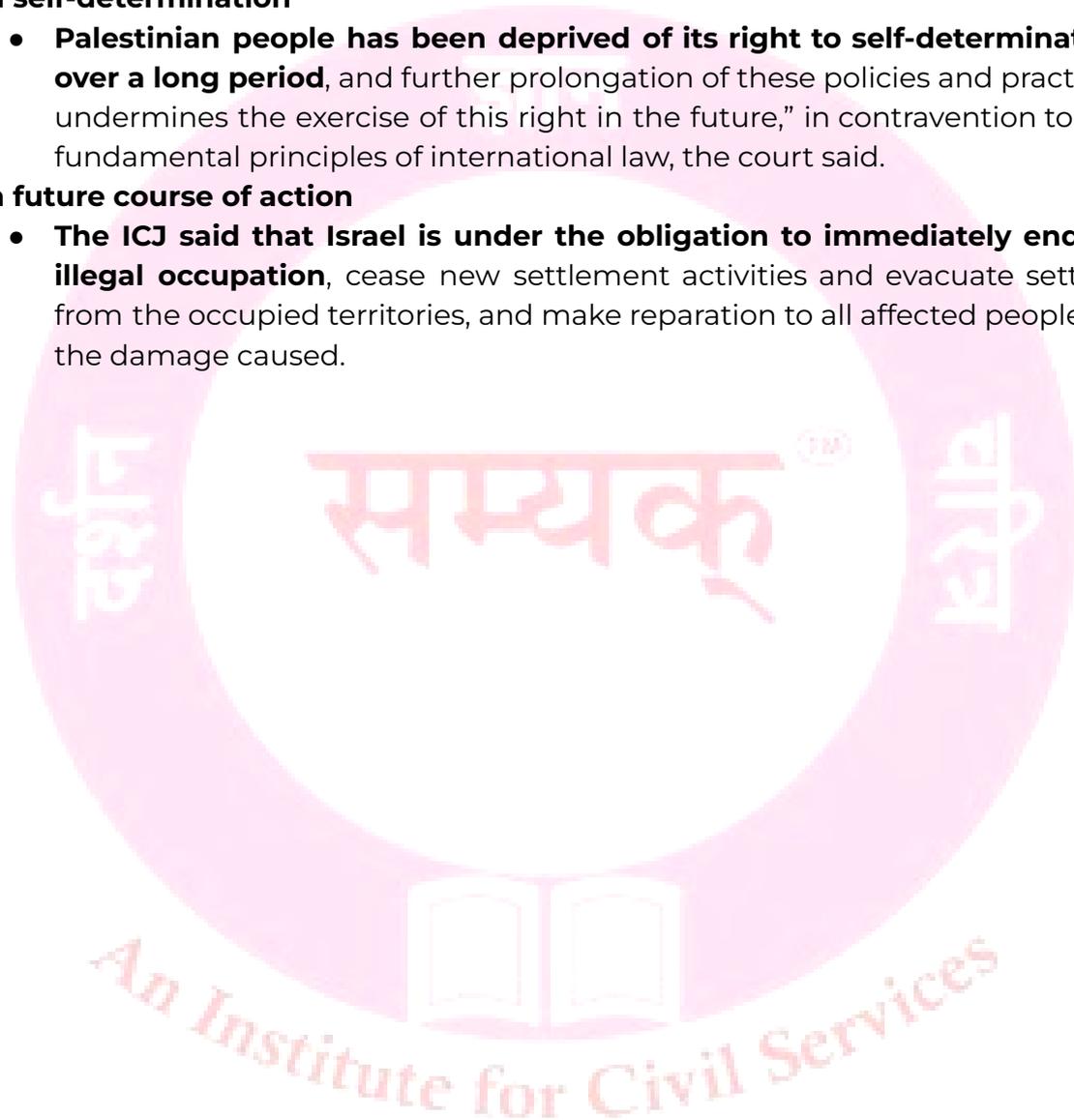
- **The court observed that Israel's policies serve to maintain "near-complete separation"** in the occupied territories between the settlers and Palestinians in clear violation of Article 3 (the obligation to eradicate apartheid and practices of racial segregation) of ICERD.

On self-determination

- **Palestinian people has been deprived of its right to self-determination over a long period**, and further prolongation of these policies and practices undermines the exercise of this right in the future," in contravention to the fundamental principles of international law, the court said.

On future course of action

- **The ICJ said that Israel is under the obligation to immediately end its illegal occupation**, cease new settlement activities and evacuate settlers from the occupied territories, and make reparation to all affected people for the damage caused.



Sci and Tech

8. Nipah Virus - The Hindu

NIPAH VIRUS (NIV) INFECTION IS A NEWLY EMERGING ZONOSIS THAT CAUSES SEVERE DISEASE IN BOTH ANIMALS AND HUMANS



NiV first identified in 1998 during an outbreak in Malaysia



Fruit bats are natural hosts of NiV

PREVIOUS OUTBREAKS IN INDIA

Jan-Feb, 2001 **Siliguri (WB)**

Cases: 66

Deaths: 45

68%

April, 2007 **Nadia (WB)**

Cases: 5

Deaths: 5

Fatality rate

100%

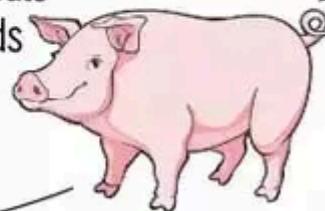
HOW IT IS TRANSMITTED



Through contact with other NiV-infected people

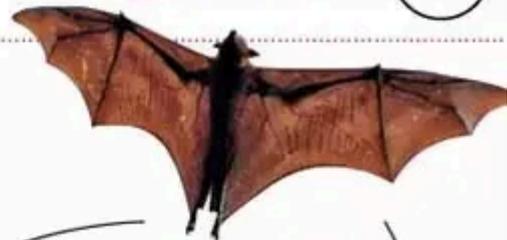


By consuming fruits eaten by infected bats and birds



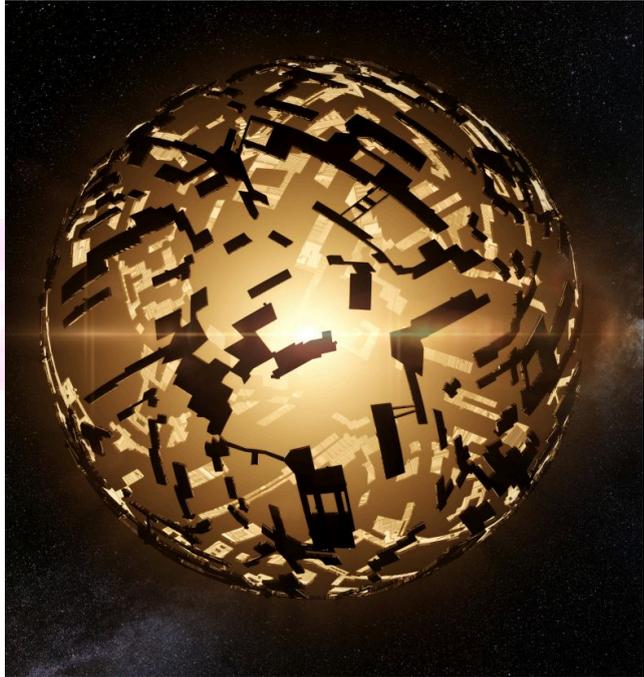
Transmission of NiV to humans may occur after direct contact with infected bats and pigs

Natural host:
Fruit bats



9. Dyson sphere - The Hindu

- **About:** A hypothetical megastructure that would encompass a star and capture a large percentage of its solar power output.
- **Origin:** The concept of a Dyson sphere was first proposed by physicist Freeman Dyson in 1960. Dyson himself considered a solid shell around a star to be impractical, and instead envisioned a cloud of orbiting objects that would collect solar power. This is sometimes referred to as a Dyson swarm.



10. PC emulator - The Hindu

Context

Apple approved a PC emulator for iOS for the first time this week. The move will allow users to run classic software, mostly games on iOS, iPadOS and visionOS. Earlier this year, Apple updated its App Store guidelines to allow retro game console emulators, mini games, and HTML5 mini apps on iPhones.

PC emulator

- **About:** A software that allows a computer device to emulate another software. The difference in how a device operates allows it to run and use software designed for other, previously, incompatible devices.
- **Application:** Emulators are commonly used to run applications designed for different operating systems, play video games from older consoles, and test software across different platforms.

Rajasthan Current Affairs

1. Kalraj Mishra to remain the Governor of Rajasthan till the new appointment

- Kalraj Mishra will continue to be the governor of Rajasthan.
- His five years as Governor are completing on 22 July.
- He was made the Governor of Himachal on July 22. He was sworn in as Governor of Rajasthan on 9 September 2019. According to Article 156 of the Constitution and the foregoing provisions, the tenure of the Governor is fixed for 5 years from the date of assumption of office, but he will continue in office until his successor is appointed.
- Padmaja Naidu holds the record for serving as Governor for the longest period. She remained the Governor of West Bengal for 11 years.

2. Tripartite MoU for Kota Airport

- On July 19, 2024, a tripartite MOU was signed between the Airport Authority, Urban Development Department and Civil Aviation Department for Kota Greenfield Airport.
- For this, the state government will provide free land for the airport and the responsibility of construction, development and operation will be on the airport authority.
- Detailed Project Report (DPR) is being prepared for Kota Greenfield Airport.
- During this, AAI Chairman Sanjeev Kumar, Additional Chief Secretary to the Chief Minister and Civil Aviation Shikhar Agarwal and Principal Secretary to the Urban Development and Housing Department T. Ravikant signed the MoU for the construction of Kota Greenfield Airport.
- Construction of Greenfield Airport in Kota will provide air facilities to the residents of Hadoti.

3. Domestic gas pipeline will be laid in 8 cities of Rajasthan

- Domestic gas pipeline will be laid by the Mines and Petroleum Department in Rajasthan.
- Under this, on July 19, a meeting was held by the Mines and Petroleum Department with 13 CGD institutions supplying CNG.
- In this, a target has been set to lay 2,000 km long pipeline in 8 cities including Jaipur-Kota in the financial year.
- Under this, a target has been set to provide 1 lakh domestic connections.
- In this, pipelines will be laid in Jaipur, Kota, Alwar, Jodhpur, Udaipur, Bundi, Ajmer and Pali.
- Apart from this, land and other facilities will be provided on priority for CNG, PNG and LNG in the industrial areas of Rico and the newly constructed parks of Rico.