

An aerial photograph of a winding asphalt road that curves through a dense, lush green forest. Several cars are visible on the road, including a white car at the top, a blue car, and another white car. The road has white dashed lines for lane markings. The overall scene is vibrant and scenic.

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**DAILY NEWS DECODE**

**11.12.21**

# Who's Indian professor Neena Gupta, the 3rd woman mathematician to win Ramanujan Prize?



- Indian Statistical Institute professor Neena Gupta has been awarded the 2021 Ramanujan Prize for Young Mathematicians from developing countries "for her outstanding work in affine algebraic geometry and commutative algebra". The government said Gupta is the third woman to receive the prize. Her solution for solving the Zariski cancellation problem earned her INSA's 2014 Young Scientists Award.

# Japan researchers use ostrich cells to make masks that glow on detecting COVID-19



- That glow under ultraviolet light on detecting COVID-19. Scientists used ostrich antibodies on the basis of previous research showing the birds had strong resistance to disease.
- The team hopes to further create masks that would glow automatically if the virus is detected and do not require any special lighting.

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# **DRDO successfully tests Pinaka Extended Range rocket launcher system**



- **Defence Research and Development Organisation (DRDO) on Saturday announced that it has successfully tested the Pinaka Extended Range (Pinaka-ER) Multi Barrel Rocket Launcher System at Rajasthan's Pokhran Range.**
- **The system is designed by DRDO laboratory ARDE along with Pune's HEMRL.**
- **The system has been designed in the light of emerging requirements with advanced technologies enhancing the range.**

# SUMMIT FOR DEMOCRACY



- Democracies should jointly deal with social media and cryptocurrencies, Prime Minister Narendra Modi said in a virtual address at the Summit for Democracy, hosted by U.S. President Joe Biden. The Summit for Democracy was a virtual summit hosted by the United States "to renew democracy at home and confront autocracies abroad" on December 9–10, 2021.
- The three themes are defending against authoritarianism, addressing and fighting corruption, and advancing respect for human rights.
- The summit was convened by Mr. Biden to strengthen democracies around the world.

- **Biden announced the establishment of the Presidential Initiative for Democratic Renewal, under which the administration plans to provide \$424.4 million for supporting free and independent media, fighting corruption, strengthening democratic reforms, advancing technology for democracy, and defending free and fair elections.**

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# HOUSE RULE 193



- The Lok Sabha discussed on Climate Change under the House Rule 193.
- Discussion under Rule 193 does not involve a formal motion before the House. Hence no voting can take place after discussion on matters under this rule.
- The Member who gives notice may make a short statement and such of the Members as have previously intimated to the Speaker, may be permitted to take part in the discussion.
- The Member who raises the discussion has no right of reply. At the end of the discussion, the Minister concerned gives a brief reply.

# SARYU CANAL NATIONAL PROJECT



- Prime Minister Narendra Modi will inaugurate the Saryu Canal National Project in Balrampur district of Uttar Pradesh.
- The project involves interlinking of five rivers - Ghaghara, Saryu, Rapti, Banganga and Rohin.
- The Saryu Canal National Project starts from the Saryu Barrage at Bahraich. The main canal is 318 km long and many sub canals with a length of over 66 hundred kilometres have been linked to it.
- The project has been completed at a cost of around 10,000 crore rupees, of which around 50 percent funds were made available in the last four years.
- The project will provide assured water for irrigation purposes for over 14 lakh hectares of land and will benefit about 29 lakh farmers in over 6200 villages.



- It will benefit nine districts in Eastern Uttar Pradesh - Bahraich, Shravasti, Balrampur, Gonda, Siddharthnagar, Basti, Sant Kabir Nagar, Gorakhpur and Maharajganj.

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# India Skills Report 2022: Maharashtra Retains Top Position



- The 9th edition of India Skills Report (ISR) 2022, released by Wheebox, Maharashtra has retained the top position in the list of states with the highest pool of employable talent followed by Uttar Pradesh and Kerala. The theme of ISR 2022 - 'Rebuilding and Reengineering the Future of Work'. India Skills Report is a full-fledged report about the future of work, education, and skilling to match the talent demand and supply in a growing India.
- Maharashtra, Karnataka, and Tamil Nadu are the 3 states that have a higher job demand.
- Pune is the city with the most highly employable resources with 78% of the test takers scoring above 60 per cent.

## Top 5 States with Highest Employability:

- Maharashtra ,Uttar Pradesh , Kerala ,West Bengal ,Karnataka

# Haiderpur wetland in Uttar Pradesh recognised as Ramsar Site



- The Haiderpur Wetland abutting the Madhya Ganga barrage, about 10 km from Bijnor in western Uttar Pradesh, has been recognised under the 1971 Ramsar Convention on Wetlands.
- Uttar Pradesh is now home to 9 Ramsar wetlands. The wetland has also been identified under Namami Gange, a central flagship, as a model wetland along the Ganga. With this, there are now a total of 47 such designated areas in the country.
- The Site supports more than 25,000 waterbirds, serves as a breeding site for the near-threatened Indian grassbird and provides refuge to the northern subspecies population of the vulnerable swamp deer during its seasonal flood-driven migration. The Site also regularly supports more than 1% of the population of greylag goose and bar-headed goose.