

## Dozee

- Dozee, a contactless remote vital parameter monitoring (RPM) device which can convert any normal bed into a step- down ICU, will be deployed in six States.

## THE HINDU

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### Language and cooperative federalism

- Article 345 leaves it to the State to choose its language for official purposes.
  - In actual practice, several States and Union Territories continue to use English.
  - Article 348 stipulates that all proceedings of the Supreme Court and 'of every High Court' and of Bills, etc. in Parliament shall be in the English language.
  - The Eighth Schedule and the periodic additions to it (now numbering 22) spell out the diversity and complexity of the language landscape as do the Official Languages Act of 1963 and its Rules made in 1976 and amended in 1987, 2007, and 2011.
  - Article 351 directs the state, in the development of Hindi, to draw upon other languages in the composite culture of India.
- These include Hindustani that does not find a mention in the Eighth Schedule.
  - The committee on official language, though consisting of 30 members of Parliament, is headed by the Home Minister.
  - Its mandate is to review the progress made in the use of Hindi for official purposes and to make recommendations to increase the use of Hindi in official communications.
  - It submits its report to the President of India, who forwards its recommendations to the two House.
  - The transition from English along with Hindi as the Official Language of the Union to it being the national language and to bring it about through such procedural devices such as the language of instruction and examination and of textbooks to the detriment of students whose mother tongue is not Hindi.
  - Its implications for competitiveness in the job market are evident.
  - It is to be recalled that the language of the chapter on Official Language is definitive and limits itself to the language of the Union. It does not mention a national language.
  - There is no mention of it in the section on Directive Principles of

State Policy or of Fundamental Duties.

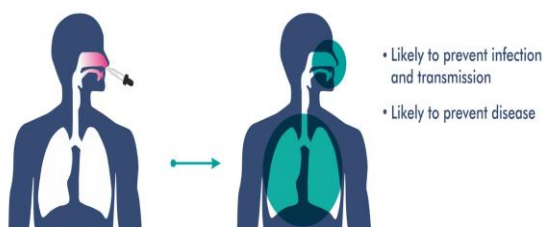
- In fact, Article 344(3) stipulates that ‘the just claims and interests of persons belonging to the non-- Hindi speaking areas in regard to the public services’ shall be considered by the President.
- The constitutional course would be to opt for the language of Article 345, that allows each Legislature to the use of Hindi, or to choose its language, for all official purposes.

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### Intranasal vaccine

- An intranasal vaccine stimulates a broad immune response neutralizing IgG, mucosal IgA, and T-cell responses.
- Immune responses at the site of infection (in the nasal mucosa) are essential for blocking both infection and transmission of COVID-19.

### Intranasal SARS-CoV-2 Vaccines

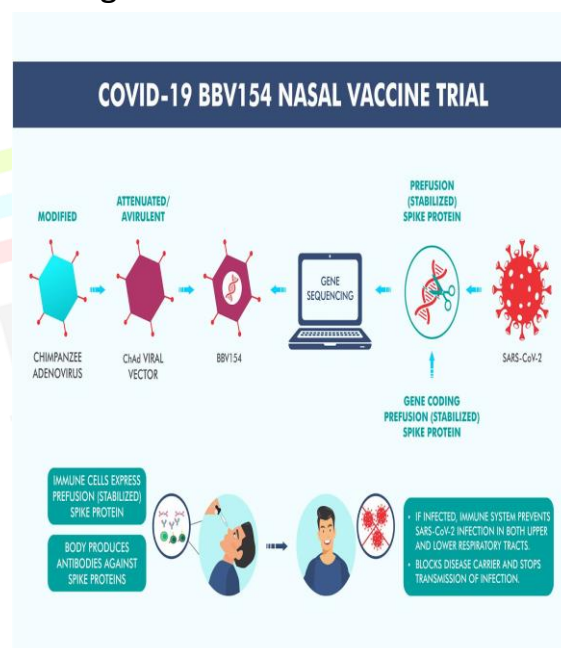


- The nasal route has excellent potential for vaccination due to the

organized immune systems of the nasal mucosa.

### Non-invasive, Needle-free.

- Ease of administration does not require trained health care workers.
- Elimination of needle-associated risks (injuries and infections).
- High compliance (Ideally suits for children’s and adults).
- Scalable manufacturing is able to meet global demand.



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### Women in religious places

- According to the Constitution, there is complete equality between men and women.
- In the Haji Ali Dargah case too, the High Court quoted Articles 15, 16 and 25 of the Constitution to grant

women the desired access to the dargah.

- Under the Article 14 (Equality before law), Article 15 (which prohibits discrimination based on religious lines), Article 19 (ensures certain freedoms) and Article 21 (protection of personal life and liberty) any women can enter the Dargah if she wants to
- Article 25 of the Indian Constitution guarantees to all persons the right to “freely profess, practice, and propagate religion”, but most of the time what we is, that these rights are infringed and the perpetrator have various reasons with which he supports his arguments.
- Ensuring gender equality and striving towards a more inclusive society is also a salient feature of our Constitution
- In a landmark decision, the Bombay High Court permitted the entry of women entry into the sanctum sanctorum at the Haji Ali Dargah in 2016, terming the ban on entry unconstitutional.

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### **Military exercises**

- The 18th edition of India- U.S. Army exercise ‘Yudh Abhyas’ which is underway at Auli in Uttarakhand,

about 100 km from the Line of Actual Control, has entered the validation phase and is set to conclude this week.

- Other exercises such as Ex Austra Hind with Australia are underway at Mahajan field firing ranges in Rajasthan from November 28 to December 11 and
- Ex Agni Warrior with Singapore at Deolali from November 13 to December 03.
- The outgoing exercises are Ex Harimau Shakti with Malaysia from November 28 to December 12
- Ex Garuda Shakti with Indonesia, between Special Forces began on November 21.
- Ex KazInd with Kazakhstan is scheduled in mid- December.

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### **Kuki Chin refugees**

- The first batch of over 270 Kuki Chin refugees crossed over to India fearing an attack from Bangladesh security forces, government officials estimate that 150 more refugees are expected to seek shelter in Mizoram in the next few days.
- A government official said that since India is not a signatory to the United Nations Refugee Convention of 1951 and its 1967 Protocol and does not

recognize refugees, undocumented migrants are liable to be prosecuted for violating the Foreigners Act.

- The members of the community from the Chittagong Hill Tract Area in Bangladesh fled the country after the Rapid Action Battalion (RAB) began a crackdown against the Kuki-Chin fighters, an armed wing of the Kuki -Chin National Front, a political body that seeks various safeguards, and protection, for the community.
- Fighters of the Kuki Chin National Front had received financial support from Jama'atul Ansar Fil Hindal Sharqiya (JAFHS), a fundamentalist organisation in Bangladesh, informed sources.

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### Universal health sector

- Fifteenth Finance Commission chairperson N.K. Singh called for a substantial increase in budgetary allocations for the health sector and restructuring of centrally sponsored schemes to enable greater flexibility for States.
- Mooting the inclusion of 'health' in the Concurrent list under the Constitution, universalizing health insurance to capture 'the missing middle' people who are not rich enough to buy private health cover

nor poor enough to qualify for government schemes.

- 'Avoid complacency' While India's response to the pandemic may have taken the 'world by surprise, it should not lull policymakers into a state of complacency public outlays in the health sector need to be substantially augmented. We need to enhance public outlays (on health) to 2.5% of GDP by 2025,"

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### CCUS technology

- Carbon Capture Utilisation and Storage (CCUS), the technology for decarbonizing emissions from high polluting sectors such as steel, cement, oil, gas, petrochemicals, chemicals, and fertilizers, has a critical role to play for the country to halve carbon dioxide emissions by 2050, says a report on the policy framework of the CCUS prepared by the NITI Aayog and MN Dastur & Company.
- CCUS technology would help in promoting the low carbon-hydrogen economy and in the removal of the CO<sub>2</sub> stock from the atmosphere
- CCUS has an important and critical role to play in it, especially for India to accomplish NetZero by 2070."

- CCUS could enable the production of clean products while utilizing rich endowments of coal, reducing imports and thus leading to a self-reliant Indian economy.
- “CCUS also has an important role to play in enabling sunrise sectors such as coal gasification and the nascent hydrogen economy in India.

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