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12 April 2024

Maharashtra State Specific News

<p>International Day of Human Space Flight</p> 	<p>Context:</p> <ul style="list-style-type: none">• The International Day of Human Space Flight is celebrated annually on 12 April.• It marks the anniversary of the first human space flight by Yuri Gagarin in 1961. <p>About:</p> <ul style="list-style-type: none">• It was proclaimed at the 65th session of the United Nations General Assembly on 7 April 2011. <p>Key Points:</p> <ul style="list-style-type: none">• This day celebrates the dawn of the space age and the incredible achievements in space exploration.• It also highlights the importance of space science and technology for our well-being and sustainable development. <p>Theme:</p> <ul style="list-style-type: none">• The theme for International Day of Human Space Flight is “Encourage scientific curiosity”.• It urges individuals and communities to embrace curiosity as a driving force for discovery and innovation <p>Did you Know?</p> <ul style="list-style-type: none">• Yuri Gagarin was the first human to travel to space.
<p>Pune district hosts highest registered voters in Maharashtra</p>	<p>Context:</p> <ul style="list-style-type: none">• Pune district has the highest number of voters in the state with 82.8 lakh voters according to the latest data from the state’s chief electoral office.• The Mumbai suburban district follows next with 73.5 lakh voters.• The registered voters in Thane district are 65.8 lakh. <p>About:</p> <ul style="list-style-type: none">• In the last three weeks, the state has added 3.2 lakh voters to the electoral roll.• Pune district has the highest number of registered voters because it has four parliamentary constituencies.



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India, Germany give patent to SUK researchers

Context:

- Two researchers at SUK have made a significant contribution to clean energy development.
- Their study on water splitting using nanocomposites for hydrogen production has been granted patents by both the Indian and German governments.
- This technology has the potential to create a more sustainable method for hydrogen fuel production.

About:

- Prof Dr Sagar Delekar, Professor from the Department of Chemistry, Shivaji University, and his research student Pramod Abhangrao Koyle conducted the research.
- This includes producing green hydrogen from natural sources such as water and sunlight, using it as a fuel, and reducing carbon emissions.
- The research was published in American Journal of Applied Nanomaterials and International Journal of Hydrogen Energy.

Mahatma Phule memorial set for expansion



Context:

- MH Deputy chief minister Ajit Pawar said that an expansion of the Mahatma Jyotirao Phule Memorial in Pune is being planned, and land acquisition would be expedited for the same.
- It is in view that the existing memorial appears to be congested.

About:

- Mahatma Jyotirao Phule (1827-1890) was a pioneering Indian social reformer who fought for equality for all.

Key Points:

- **Anti-Caste Activist:** Phule vehemently opposed the discriminatory caste system, particularly the plight of untouchables and lower castes.
- **Education for All:** He and his wife Savitribai Phule, a remarkable figure in her own right, were champions of women's education. They opened the first school for girls in India in 1848.
- **Satyashodhak Samaj:** In 1873, Phule founded the Satyashodhak Samaj ("Truth-seekers' Society") a society promoting reason, critical thinking, and social justice for all.



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ADDAPEDIA

Daily Current Affairs Encyclopedia

Climate vulnerability threat

Context:

- For over **24 years now**, the average annual temperature in **Maharashtra** has been recorded as **above normal level**.
- According to the **India Meteorological Department (IMD)**, the average annual temperature in Maharashtra has risen **one degree above normal level**.

About:

- Recently, the year **2023** was officially declared as the **warmest year globally** with average temperature higher than the average of the **1850-1900 pre-industrial level** by **1.48 degrees Celsius**, and **0.17 degrees Celsius** higher than **2016**.
- **Maharashtra**, too, has recorded an increase in temperature since before **2000**.
- As per the **IMD data**, between **1875 and 1970**, average temperature in Maharashtra was **recorded below normal level by one degree** except for a few incidents.
- However, this situation began to change gradually and the number of incidents where average temperature was **recorded above normal level** increased between **1970 and 2000**.
- The change was seen **significantly post 2000** when average temperature in Maharashtra was constantly **above normal**.
- By **2022**, the temperature was recorded as **one degree higher than normal** in Maharashtra.

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