

India: Marching Ahead With Science

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Our History with Science



The Scientific and the Political

- Imagination of the Indian nation-state as a departure from dynamical pressures of the blocs as a scientific nation in the heart of Asia – a non-aligned state was a triumph of the scientific and the political in the 20th century diplomacy.
- India, in 1948, barely months after gaining her independence, declared and started her Atomic Energy program led by Dr Homi Bhabha.
- Similarly, it was only months after the beginning of the space age when Indian National Committee for Space Research made its bid for an ambitious space program and the results speak for itself.
- Milk Revolution led by Dr Verghese Kurien and Green Revolution led by Dr M S Swaminathan are great examples of the synchronous scientific and the political.



**Science and
technology can
remove national
barriers, unify
the world and
advance peace.**

- PM Narendra Modi

Water Missions Led by PM Modi

Examples: Jal Jeevan Mission, Jal Shakti Mission

Jal Jeevan Mission

- Jal Jeevan Mission, is envisioned to provide safe and adequate drinking water through individual household tap connections by 2024 to all households in rural India.
- The researchers note that in 2019, at the inception of JJM, more than 50 per cent of the population did not have access to safe drinking water.
- Nobel Laureate Michael Kremer, in an analytical report said, “If Jal Jeevan Mission succeeds, it will prevent around 136,000 under-5 deaths per year.”

Jal Shakti Mission

- Inspired by the Hon'ble Prime Minister's impetus on Jal Sanchay, the Jal Shakti Abhiyan (JSA) is a time-bound, mission-mode water conservation campaign. The JSA has been running since 2019.
- During the campaign, officers, groundwater experts and scientists from the Government of India will work together with state and district officials in India's most water-stressed districts for water conservation and water resource management by focusing on accelerated implementation of five target intervention. The JSA aims at making water conservation a Jan Andolan through asset creation and extensive communication.

What India brings on the table?

- Scientific Expertise & Experience
- Policy Expertise & Experience
- Diplomatic Expertise & Experience

- Strength of Will: Commitment of our Prime Minister Narendra Modi for fighting global challenges together

Thanks