



108th Indian Science Congress

Why in News?

Recently, the **108th session of the India Science Congress (ISC)** was inaugurated by the Prime Minister.

- The event's theme is '**Science and Technology for Sustainable Development with Women's Empowerment**'.

What are the Highlights of the PM Address?

- **Importance of Women's Participation:**
 - **Increasing participation of women** is a reflection of the progress of society and science.
 - Today, the **country's thinking is not only that women should be empowered through science**, but science should also be empowered with the participation of women.
 - Women's participation in **extramural research has doubled over the last eight years**.
 - India has been **given the opportunity to preside over G20**.
 - Women-led development is one of the high-priority subjects taken up by the chair.
- **India's Achievements:**
 - India is now **one of the top three countries in the world when it comes to the number of PhD research works** and startup ecosystems.
 - The country is now ranked **40th on the Global Innovation Index 2022**, up from the 81st rank in 2015.
 - Scientific developments should ultimately make the country Atmanirbhar.
- **Importance of Science in Today's World:**
 - The efforts of science can **bear fruit only when they go from labs to land**.
 - With 2023 being **declared as the International Year of Millets**, India's millets and their use should be further improved with the use of science.
 - The scientific community should work **towards reducing post-harvest losses with the help of biotechnology**.
- **Energy Innovation:**
 - Endorsed the **need for the scientific community to focus on working on a National Hydrogen Mission** and stressed the need to manufacture critical equipment like electrolyzers in India to make it a success.
 - The National Hydrogen Mission was launched on **India's 75th Independence Day (15th August 2021)**.
- **Other Highlights:**
 - **Stressed on the increasing importance of data gathering and analysis** as well as the importance of traditional knowledge alongside modern knowledge.
 - **Acknowledged the role of low-cost satellite launch vehicles** in the booming space sector in India and pointed to the importance of **quantum computing**.
 - **Stressed the need to focus on futuristic ideas and areas where no work is happening** anywhere as well as the importance of keeping **Artificial intelligence (AI), Augmented Reality (AR)** and **Virtual Reality (VR)** as priorities.

What is the India Science Congress?

▪ **About:**

- With a history dating back to 1914, the **Science Congress is a one-of-its-kind event in the country.**
- It **brings together scientists and researchers not just from the premier institutions** and laboratories but also science teachers and professors from colleges and universities.
- It **offers a platform for their interaction with students** and the general public on matters related to science.
- It is a **celebration of Indian science that has had an illustrious past**, with the who's who of Indian science participating and organizing.
- The first session of the **Indian Science Congress was held in 1914.**

▪ **Organiser:**

- Indian Science Congress Association (ISCA).
 - It is an **independent body functioning with the support of the Department of Science and Technology (DST)** in the central government.

▪ **Decline of Science Congress:**

- In more recent times, the **event has attracted attention for all the wrong reasons:**
 - Lack of serious discussion, the promotion of pseudoscience, outlandish claims by random speakers, and the absence of useful outcomes.
- As a result, **several top scientists have advocated the discontinuation of the event**, or at least withdrawal of government support.
 - For organising the Science Congress, the government provides an annual grant.
 - Besides this, the government has no role to play in organising the ISC.

[Source:IE](#)

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