

ECh0 Network

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Source: *PIB*

ECh0 Network, a national program to provide a template for cross-disciplinary leadership in India with the specific focus of increasing research, knowledge, and awareness of Indian ecology and the environment was launched

Need and significance of the network

- **India faces unprecedented threats to its human environment and ecosystems, solving which requires a confluence of India's strong technological expertise and knowledge** of the natural world itself.
- ECh0 Network would develop a national network to catalyze a new generation of Indians who can synthesize interdisciplinary concepts and tackle real-world problems in medicine, agriculture, ecology, and technology.
- With no precedent for such a network anywhere in the world, **ECh0 Network establishes a new platform to change how science is embedded in our modern society.**

How the Network will work?

- Through interactive sessions with citizens, industry, academia, and the government, the Network will identify gaps in knowledge regarding selected topics in human and environmental ecosystems.
- The program will then train postdoctoral leaders in research and outreach on these topics, while also incorporating current public and private efforts into a national network.
- It would then go on to establishing nation-wide awareness in these issues through public discourse and education for citizens, industry, and government with

information exchange at all educational levels.

- Over time EChO Network intends to create an international distributed institute comprising individuals housed within the industry, government, private, and academic sectors, combining their expertise and resources collectively to tackle large scale problems.

Various partners of the initiative

The initiative has drawn in partners from Government, industry, and academia, with the Office of the Principal Scientific Adviser to the Govt. of India steering the program under the guidance of Prof. Shannon Olsson, Director, EChO Network. Bill and Melinda Gates Foundation, Hindustan Unilever Limited, RoundGlass, India Climate Collaborative, Ashoka Trust for Research in Ecology and the Environment (ATREE), and Centre for Cellular and Molecular Platforms (C-CAMP) are the founding partners of the EChO Network.