

GARBH-INi Initiative

March 24, 2026 • vajiramandravi.com



GARBH-INi Initiative Latest News

Recently, the Union Minister of State (Independent Charge) for Science & Technology said that India's largest pregnancy cohort study of 12,000 women under the GARBH-INi initiative is aimed at developing indigenous, AI-driven solutions to address preterm births.

About GARBH-INi Initiative

- It promotes **Maternal and Child Health** and develops **prediction tools for preterm birth**.
- It is an interdisciplinary **Group for Advanced Research in Birth outcomes- DBT India Initiative (GARBH-Ini)** has initiated a **cohort study of pregnant women in May 2015**.
- **Objectives**
 - To **acquire deep fundamental knowledge** on adverse pregnancy outcomes such as **preterm birth (PTB) and fetal growth restriction (FGR)**
 - Apply this knowledge to **identify efficient and sustainable solutions** that would assist in reducing **associated mortality, immediate and long term morbidity**.

- It is an initiative under **the Department of Biotechnology** of the Union Ministry of Science and Technology as a collaborative interdisciplinary programme.
- This program is led by the **Translational Health Science and Technology Institute** (THSTI), NCR Biotech cluster, Faridabad.
- It is part of the **Atal Jai Anusandhan Biotech Mission** – Undertaking Nationally Relevant Technology Innovation (UNaTI).

What is a Preterm Birth?

- It is defined as **babies born alive before 37 weeks** of pregnancy are completed. There are sub-categories of preterm birth, based on gestational age:
 - Extremely preterm (less than 28 weeks)
 - Very preterm (28 to 32 weeks)
 - Moderate to late preterm (32 to 37 weeks)

Source: PIB

Source: <https://vajiramandravi.com/current-affairs/garbh-ini-programme/>

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