



India's First Private Maths Research Institute

Why in News?

India's **first** privately funded mathematics research institute, the **Lodha Mathematical Sciences Institute (LMSI)**, was launched in Mumbai.

Key Points

- **About:** LMSI seeks to **apply advanced mathematical techniques**, including data science, operations research, **machine learning**, and optimization, to tackle challenges in **infrastructure**, healthcare, and economics.
 - The institute **aims to foster research** that transcends academia by addressing real-world issues with mathematical insights.
- **Director of LMSI:** The institute, supported by the Lodha Foundation and led by renowned mathematician Dr. V Kumar Murty, specializes in number theory and arithmetic geometry.
- **Inaugural Course:** Dr. Manjul Bhargava, a Princeton University professor and the **first Indian-origin** recipient of the **Fields Medal**, will lead an intensive seminar on arithmetic statistics and number theory.
- **Future Plans:** In the future, LMSI plans to establish the **Indian Congress of Mathematics**, with the first congress scheduled to take place by **December 2026**.
 - This congress will celebrate the contributions of Indian-origin mathematicians worldwide.

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