

www.vishnuias.com



Topic Wise Content



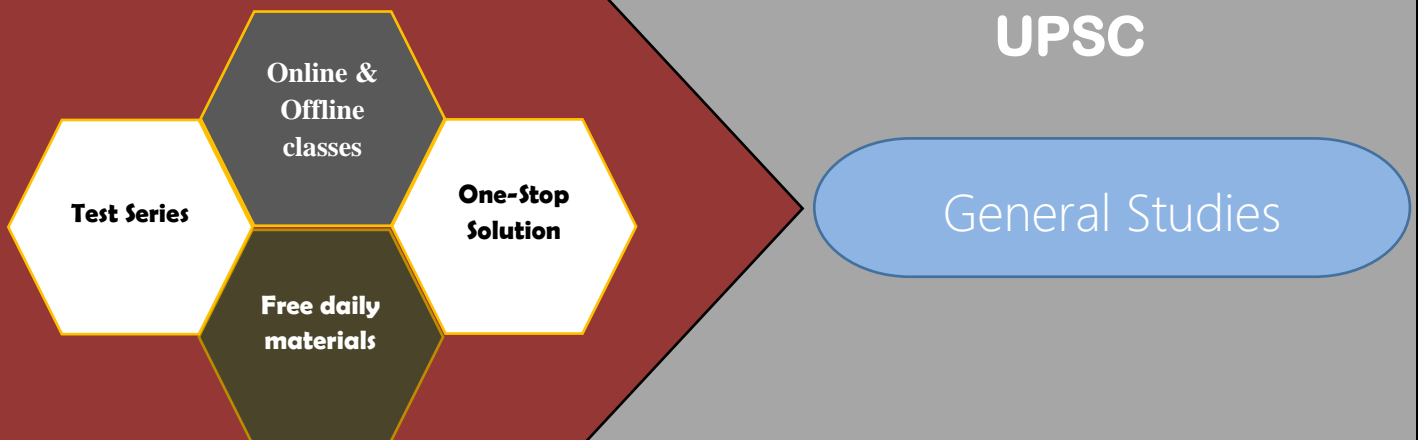
<https://t.me/vishnuiasmentor>

You Tube

<https://www.youtube.com/channel>

Ramanujan Prize

Notes for civil services preparation



Ramanujan Prize

The **Ramanujan Prize for Young Mathematicians from developing countries** has been given to **Professor Neena Gupta**.

- She is a **mathematician at the Indian Statistical Institute in Kolkata** and has been awarded for her outstanding work in **affine algebraic geometry and commutative algebra**.
- She is the third woman to receive the Ramanujan Prize.
- Her solution for solving the **Zariski cancellation problem**, a fundamental problem in Algebraic Geometry, earned her the **2014 Young Scientists Award of the Indian National Science Academy**.

Key Points

- **About:**
 - The Ramanujan Prize for **Young Mathematicians from developing countries has been awarded annually since 2005**.
 - It is administered by the **Abdus Salam International Centre for Theoretical Physics (ICTP)** jointly with the **Department of Science and Technology (DST)** Government of India and the **International Mathematical Union (IMU)**.
 - **ICTP:** Founded in 1964 by the late **Nobel Laureate Abdus Salam**, it seeks to accomplish its mandate by providing scientists from developing countries with the continuing education and skills that they need to enjoy long and productive careers.
 - **IMU:** It is an **international non-governmental and non-profit scientific organization**, with the purpose of promoting international cooperation in mathematics.
 - It is a **member of the International Science Council (ISC)**.
 - **DST:** The **DST has agreed to fund the Prize**, starting with the 2014 Prize.
 - It has been supported by DST **in the memory of Srinivasa Ramanujan**, a genius in pure mathematics who was essentially self-taught and made spectacular contributions to elliptic functions, continued fractions, infinite series, and analytical theory of numbers.
- **Eligibility & Prize:**
 - It is awarded to a researcher from a developing country who is **less than 45 years of age on 31st December** of the year of the award, and who has **conducted outstanding research in a developing country**.
 - Researchers **working in any branch** of the mathematical sciences are eligible.
 - The Prize carries a **USD 15,000 cash award**.