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Daily PIB summary**PRIP and Biopharma SHAKTI Schemes AI Healthcare**

UPSC Civil Services · 23 August 2026 · Prelims and Mains

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WHY IN NEWS

- Union Minister addressed IIMA Healthcare Summit highlighting AI deployment in medicine and key research schemes PRIP and Biopharma SHAKTI.

WHAT IS THE PRIP SCHEME?

- Promotion of Research and Innovation in Pharma-MedTech Sector (PRIP) has an outlay of ₹5,000 crore.
- Focuses on strengthening industry-academia research collaboration, modernizing lab infrastructure, and supporting high-value innovation in pharmaceuticals and medical devices.

BIOPHARMA SHAKTI MISSION AND AI INFRASTRUCTURE

- Biopharma SHAKTI mission carries an allocation of ₹10,000 crore to scale advanced biopharmaceutical manufacturing.
- Establishment of dedicated AI Healthcare Centres of Excellence at AIIMS New Delhi, PGIMER Chandigarh, and AIIMS Rishikesh.
- Mandates safe, ethical, human-in-the-loop AI integration to support clinical judgment rather than replace medical professionals.

KEY TERMS

- **PRIP Scheme:** Union Government scheme providing financial assistance to promote R&D in the pharma and medtech industries.

PAPERS

GS2, GS3

PRELIMS FACTS

PRIP scheme focuses on R&D in Pharma-MedTech sectors.

AI CoEs for healthcare are established at AIIMS Delhi, PGIMER Chandigarh, and AIIMS Rishikesh.

MAINS DISCUSSION

- Ethical considerations and institutional requirements for integrating AI into public healthcare delivery.

KEY DATA

- **Pharma R&D Scheme:** PRIP Scheme (₹5,000 crore) - Flagship scheme supporting high-end pharmaceutical and medical device research.
- **Biopharma Mission:** Biopharma SHAKTI (₹10,000 crore) - National initiative targeted at accelerating biopharmaceutical innovation and production.

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