BharatGen

Recently, the Ministry of Science & Technology launched BharatGen, a **generative AI initiative** designed to enhance public service delivery.

- It aims to create **foundational models** in language, speech, and computer vision to address India's **socio-cultural and linguistic diversity**.
- It is the world's first government-funded **Multimodal Large Language Model (LLM) project** for **Indian languages.**
    - LLMs are AI systems capable of **understanding and generating** human language by processing vast amounts of text data.
- It is led by **IIT Bombay** under the **National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS)**, and involves collaboration with academic institutions like **IITs and IIM Indore**.
- It emphasises developing processes to curate **India-centric data**, enhancing the country's control over its **digital resources.**
- It has **four key features:**
    - **Multilingual and multimodal models**,
    - **Bhartiya dataset-based training**,
    - **Open-source platform**,
    - **Generative AI research ecosystem** in India.
        - Generative AI can produce various types of content, including **text, imagery, and audio.**

Read More: Large Language Models (LLMs)

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