

BharatGen

Source: PIB

Recently, the Ministry of Science & Technology launched BharatGen, a **generative Al 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 <u>Multimodal Large Language Model (LLM)</u>
 project for Indian languages.
 - LLMs are Al systems capable of understanding and generating human language by processing vast amounts of text data.
- It is led by IIT Bombay under the <u>National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS)</u>, and involves collaboration with academic institutions like <u>IITs and IIM Indore</u>.
- 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 Al 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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