



Frontier Technologies Cloud Innovation Center

Why in News

Recently, the [NITI Aayog](#) and **Amazon Web Services (AWS)** have announced the establishment of a **Frontier Technologies Cloud Innovation Center (CIC)**, the first of its kind in India.

- **AWS is a subsidiary of Amazon**, multinational tech and online-shopping giant.
- It provides on-demand [cloud computing platforms](#) and [Application Programming Interfaces \(API\)](#) to individuals, companies, and governments, on a metered pay-as-you-go basis.

Key Points

- CIC is part of the **AWS CIC Global Program**, which provides an **opportunity for government agencies, nonprofits and educational institutions, to come together** on pressing challenges, apply design thinking, test new ideas, and access the technical expertise of AWS.
- **Frontier Technologies CIC will identify and prioritise projects** as well as **collaborate with local leaders**, including subject matter experts at the state and district levels, to solve critical challenges.
 - Local enterprises, start-ups, researchers, and universities in India can experiment and build prototypes on AWS Cloud.
- It is aligned to the visions of [Aatmanirbhar Bharat Mission](#) and the [Atal Innovation Mission](#).
- **Aims of Frontier Technologies CIC:**
 - To **address societal challenges** through digital innovation.
 - To **enable budding innovators and start-ups** and help in piloting state-of-the-art, cloud-centric digital innovations by leveraging emerging technologies such as [artificial intelligence](#) (AI), [Internet of Things](#) (IoT), [robotics](#), etc.
 - To **identify and deploy leading-edge technologies to drive continuous innovation** in delivering citizen services.

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