

AI-enabled e-Tarang System

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About AI-enabled e-Tarang System:

- It is a unique software, developed in collaboration with **Bhaskaracharya National Institute for Space Applications and Geo-informatics (BISAG-N)**.
- It will improve planning for **interference-free operation of defence equipment** during both wartime and peacetime.
- It will enable automated, efficient planning and management of Defence Spectrum, as well as support development of newer technologies in **higher frequency bands**.
- It is set to support rapid decision-making, thereby allowing seamless integration of newer technologies critical for modern defence applications.

Key facts about the BISAG-N

- It is an Autonomous Scientific Society of the Ministry of **Electronics & Information Technology (MeitY)**, Government of India.
- It undertakes technology development & management, research & development, facilitates National & International cooperation, capacity building and support technology transfer & entrepreneurship development in area of geo-spatial technology.

- The Organisation has three main domain areas: **Satellite Communication, Geo-informatics and Geo-spatial technology.**
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Q1: What is Artificial Intelligence (AI)?

Artificial Intelligence (AI) is an emerging technology that enables computers and machines to simulate human intelligence and problem-solving capabilities. It involves the development of algorithms and models that enable computers to perform tasks that would typically require human intelligence, such as learning, reasoning, problem-solving, perception, and decision-making

News: Headquarters Integrated Defence Staff conducts annual Joint Electromagnetic Board Meeting 2024

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