

**GOVERNMENT OF INDIA
MINISTRY OF AYUSH
RAJYA SABHA
STARRED QUESTION NO. 246
TO BE ANSWERED ON 12th AUGUST 2025**

“Application of Artificial Intelligence in Ayush Systems”

246. Dr. Medha Vishram Kulkarni

Will the Minister of AYUSH be pleased to state:

- (a) the steps is the Ministry taking to actively integrate Artificial Intelligence (AI) into Ayush systems for diagnostics, research, and service delivery;
- (b) the details of key AI-driven initiatives of the Ministry;
- (c) whether the World Health Organization (WHO) has acknowledged India's AI innovations in traditional medicine; and
- (d) if so, the steps taken by the Ministry to ensure global interoperability, scientific validation, and wider adoption of AI in Ayush practices?

ANSWER

**THE MINISTER OF STATE (IC) OF THE MINISTRY OF AYUSH
(SHRI PRATAPRAO JADHAV)**

- (a) to (d) A statement is laid on the Table of the House.

The Statement referred in reply to Rajya Sabha Starred Question No. 246 for 12.08.2025

(a) and (b) Ministry of Ayush has taken following steps to actively integrate Artificial Intelligence (AI) into Ayush systems:

The Ayush Grid project serves as the IT backbone of the Ayush sector, driving digital transformation by integrating advanced technologies such as Artificial Intelligence (AI), Machine Learning (ML) and others across functional areas i.e. Healthcare, Research & Development, Education & Awareness etc. As part of this initiative, several digital platforms have been developed such as the Ayush Hospital Management Information System (A-HMIS) for diagnostics and service delivery, and the Ayush Research Portal and NAMASTE Portal to support evidence-based research.

Beside this, the Ministry has sanctioned establishment of a Centre of Excellence in AyurTech under Ayurswasthya scheme for Integrative Precision Health and Medicine at IIT Jodhpur. This pioneering project integrates Functional Genomics, Electronics, Digital Health, and cutting-edge technologies such as AI and ML to develop evidence-based solutions. Furthermore, an MoU has been signed between National Commission for Indian System of Medicine (NCISM), a statutory body constituted under NCISM Act, 2020 and Birla Institute for Technical Studies (BITS), Pilani to assess the AI preparedness of faculty and students in Ayurveda, Siddha, Unani, and Sowa-Rigpa (ASUS) systems, identify sector-specific needs, and co-develop appropriate AI-based tools, course content, and pedagogies for wider adoption.

(c) On 11th July 2025, the World Health Organization (WHO) has released a technical brief titled, *"Mapping the Application of Artificial Intelligence in Traditional Medicine"* recognizing India's innovation and implementation of AI in traditional medicine.

(d) The Ministry of Ayush has undertaken following initiatives to ensure global interoperability, scientific validation, and wider adoption of Artificial Intelligence (AI) in Ayush practices:

- i. The Ministry of Ayush has played a leading role as a topic driver for Traditional Medicine within the Focus Group on Artificial Intelligence for Health (FG-AI4H). This initiative promotes **global collaboration and the standardization of AI in health**. The effort has now advanced into the "Global Initiative on AI for Health (GI-AI4H)," jointly led by the World Health Organization (WHO), the International Telecommunication Union (ITU), and the World Intellectual Property Organization (WIPO).
- ii. The Ministry played a pivotal role in developing **Traditional Medicine Module 2 of Chapter 26 in the International Classification of Diseases (ICD-11)**, dedicated to Ayurveda, Siddha, and Unani. This module was officially released on the WHO ICD-11 Portal in February 2025, enabling healthcare providers worldwide to use dual coding for both traditional and conventional diagnoses. This supports comprehensive data collection and enhances global interoperability in healthcare systems.