

GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
RAJYA SABHA
UNSTARRED QUESTION NO-2187
ANSWERED ON-19/03/2025

MSDE AND META PARTNER FOR AI ASSISTANTS AND VR TRAINING CENTRES

2187. SHRI MITHLESH KUMAR:

Will the Minister of SKILL DEVELOPMENT AND ENTREPRENEURSHIP be pleased to state:

- (a). the Government proposes to monitor and evaluate the impact of improving learning outcomes and skill development initiatives through AI chatbots;
- (b). the steps being taken to ensure data security and privacy while integrating Meta's AI model into the Skill India ecosystem;
- (c). the timeline for full-scale implementation of the AI chatbot after the initial six-month pilot period; and
- (d). the steps being taken to integrate support for other regional languages besides English and Hindi to make AI-powered skill development more inclusive?

ANSWER

THE MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI JAYANT CHAUDHARY)

(a) The Directorate General of Training (DGT), its technical partner-SkillVeri and META have formed a Tripartite collaboration to establish Centers of Excellence in Virtual Reality (VR) and Mixed Reality (MR) at five selected National Skill Training Institutes (NSTIs) in Chennai, Kanpur, Bengaluru, Hyderabad and Jodhpur. The details are placed at **Annexure-I**.

National Skill Development Corporation (NSDC) under MSDE has signed agreement with Meta for integration of Meta's Llama AI powered chatbot into MSDE's Skill India Digital Hub (SIDH), to enhance user experience. The AI powered chatbot will facilitate information discovery and can help learners with doubt clearance by enabling Q&A for course content and by providing lecture summaries for the skill courses listed at SIDH. This will lead to improved learning outcomes for the learners.

This initiative will help in monitoring and evaluating the impact of improving learning outcomes by:

- **User Engagement Analysis** – The AI chatbot will track learner interactions, including the frequency and types of queries asked, enabling an assessment of engagement levels.
- **Personalized Learning Insights** – The chatbot can provide data on individual learning progress, helping to identify areas where learners struggle and need additional support.
- **Course Content Optimization** – The chatbot’s AI-driven insights will help improve course material based on learner queries, feedback, and interaction trends.

(b) To ensure data security and privacy while integrating Meta’s AI model into SIDH, following measures are being implemented:

- The AI chatbot does not collect or store any personal or sensitive user data, ensuring user privacy and security.
- Users are explicitly informed not to share any personal or confidential information, promoting responsible AI usage.
- All data will be stored on Indian servers, specifically at the Yotta Data Center in Pune, ensuring data sovereignty and compliance with Indian data protection laws.
- Any stored data will be automatically deleted after 15 days, reducing the risk of misuse and ensuring user data privacy.

(c) The full-scale implementation of the AI chatbot in the SIDH will take place after the successful completion of the initial six-month pilot period. Following the pilot phase, the chatbot's performance will be assessed, ensuring it meets the required standards for scalability for full scale implementation.

(d) National Instructional Media Institute (NIMI), is presently working with Anuvadini (Under AICTE) for translation of vocational content (ITI ecosystem) using AI translation tool into different regional language to make the skilling ecosystem more accessible and inclusive.

ANNEXURES REFERRED TO IN REPLY TO PART (a) OF THE RAJYA SABHA UNSTARRED QUESTION NO. 2187 ANSWERED ON 19.03.2025 REGARDING MSDE AND META PARTNER FOR AI ASSISTANTS AND VR TRAINING CENTRES

Details of tripartite collaboration at selected 'NSTIs'

- Tripartite collaboration at 05 selected NSTIs are Chennai, Kanpur, Bangalore, Hyderabad and Jodhpur.
- Pilot project is for a duration of 06 months.
- Aims to provide immersive learning experiences for students and trainers, utilizing the latest VR and MR technologies.
- META will financially support the project under its CSR initiative, ensuring no costs for the government or beneficiaries.
- Oculus Quest devices and handsets will be provided b META at all 05 NSTIs.
- The NSTIs will ensure dedicated space/area and basic necessary equipment such as LED screen or projectors.
- As a training partner, SkillVeri will implement training across all 05 locations.
- SkillVeri will provide the technology, training modules and trained professionals for handholding the NSTI instructors and learners.
- Training content, in tune with the NSQF aligned curriculum for following trades will be made available for the 06 month period:
 - i. Welding (964 Hrs. content)
 - ii. Refrigeration & Air-Conditioning (64 Hrs. content)
 - iii. Painting (320 Hrs. content), and
 - iv. Solar panel installations (20 Hrs. content)
- These NSTIs will provide immersive learning experiences to students and trainers with the latest VR and MR technology, enhancing their skills in simulated environments, with easy access and learning.
- A final evaluation through surveys will be done by META towards the end to understand the program's impact.
- META will also offer a digital skilling curriculum to help aspiring entrepreneurs leverage platforms like Facebook and Instagram for business growth.
- The partnership, with support from MSDE and DGT, aims to enhance skills in emerging technologies and contribute to the workforce development goals of the government.
