GOVERNMENT OF INDIA
MINISTRY OF STEEL

LOK SABHA
UNSTARRED QUESTION NO. 1465
FOR ANSWER ON 09.12.2025

AI BASED DIGITAL TECHNOLOGIES ADOPTED BY CPSES

1465. SHRI KRISHNA PRASAD TENNETI:
SHRI P C MOHAN:
SHRI DULU MAHATO:
SHRI ALOK SHARMA:

Will the Minister of STEEL be pleased to state:

(a) the details of various types of Artificial Intelligence based digital technologies currently being adopted by Steel Central Public Sector Enterprises (CPSEs) to improve operational efficiency, safety and resource utilisation;
(b) whether the Government has evaluated the outcomes of these digital interventions in terms of productivity gains, optimisation of processes, reduction in operational costs and improvements in environmental performance, if so, the details thereof;
(c) whether the Government proposes to expand the use of advanced digital tools, including predictive analytics, automation platforms and real-time monitoring systems, across the steel CPSEs; and
(d) if so, the details of the proposed timelines and implementation strategy?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF STEEL (SHRI BHUPATHIRAJU SRINIVASA VARMA)

(a) Some Central Public Sector Enterprises(CPSEs) under the administrative control of the Ministry have taken up Artificial Intelligence based digital technologies. Steel Authority of India Limited(SAIL), National Mineral Development Corporation(NMDC) and MOIL Limited(MOIL) are working with Process optimization models, Cost optimization models, Predictive Analytics and Anomaly Detention Systems, while MECON Limited(MECON) and MSTC Limited(MSTC) have taken up the solution providing AI based models.

(b) Initial results indicate improvements in process stability, operational efficiency, cost optimization, and safety.

(c)&(d): Yes, Sir. These CPSEs have set up team of officers to work on problem identification and resolution through AI based digital technologies, which is a continuous process.

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