USE OF ARTIFICIAL INTELLIGENCE

1026. SHRIMATI SUMALATHA AMBAREESH:

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री
be pleased to state:

(a)   whether the Government has undertaken any research viability of Artificial Intelligence (AI) driven robots especially in the medical sector;

(b)   if so, the details thereof during the last three years;

(c)   the details of the total expenditure incurred as a proportion of total expenditure on research pertaining to AI and machine learning during the last three years;

(d)   whether the Government proposes to conduct additional research thereon in future; and

(e)   if so, the details thereof?

ANSWER

MINISTER OF HEALTH AND FAMILY WELFARE; MINISTER OF SCIENCE AND TECHNOLOGY; AND MINISTER OF EARTH SCIENCES
(DR. HARSH VARDHAN)
स्वास्थ्य और परिवार कल्याण मंत्री; विज्ञान और प्रौद्योगिकी मंत्री; और पृथ्वी विज्ञान मंत्री
डॉ. हर्ष वर्धन

(a) & (b): No, Sir. However, plans are in place to take up research viability of Artificial Intelligence (AI) driven robots.

(c)   Out of total budget of Rs. 5501.03 Crore for the financial year 2019-20 in respect of the Department of Science and Technology including Science & Engineering Research Board (SERB), 1/3rd i.e. Rs. 1545.57 Crore expenditure was incurred on Research & Development that includes expenditure on research related to Artificial Intelligence (AI) and Machine Learning (ML).

Under National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS), Rs. 123.00 Crore expenditure has been incurred during financial year 2019-20 on Research & Development that includes expenditure on research related to Artificial Intelligence (AI) and Machine Learning (ML).

Ministry of Electronics & Information Technology (MeitY) incurred an expenditure of Rs. 9.74 Crore during financial year 2019-20 towards supporting research projects related to Artificial Intelligence (AI) and Machine Learning (ML).

(d) & (e): Under National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS) of Department of Science and Technology, Artificial Intelligence (AI) driven Robots and Medical Sector is one of the focused research areas identified to carry-out research.

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