

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1052
TO BE ANSWERED ON: 10.02.2023

RESPONSIBLE AI AND ITS IMPACT ASSESSMENT

1052. DR. AMAR PATNAIK:

Will the Minister of Electronics and Information Technology be pleased to state:

- (a) whether Government is aware that according to a Capgemini report in 2022, as referred to by Niti Ayog in their report "Responsible AI", 85% of the surveyed organizations in India have encountered ethical concerns from the use of Artificial Intelligence (AI);
- (b) if so, reasons therefor;
- (c) whether Government is considering to conduct an algorithmic impact assessment formula in place to deal with personalized AI chatbots;
- (d) if so, the details thereof; and
- (e) if not, the reasons therefor?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI RAJEEV CHANDRASEKHAR)

(a): Yes Sir, Government is aware of NITI Aayog's report on 'Responsible AI' wherein reference has been cited to the Capgemini report.

(b): While AI is a kinetic enabler of an Digital Economy and innovation ecosystem, use of AI raises ethical concerns and risks due to issues such as bias and discrimination in decision-making, privacy violations, lack of transparency in AI systems, and questions about responsibility for harm caused by AI. These concerns have been highlighted in the National Strategy for AI (NSAI) released in June, 2018. Various Central and State government departments and agencies have commenced efforts on standardising responsible AI development and use and facilitating adoption of best practices. Using several reports highlighting the ethical concerns from the use of AI, published by organizations including Capgemini, NITI Aayog has published series of papers on the subject of Responsible AI for All.

(c) to (e): The AI chatbots can be trained using various algorithms, including machine learning and deep learning. The level of algorithmic impact assessment depends on the type of algorithm used. Nowadays, deep learning generative models are commonly used to train chatbots, which makes it more difficult for algorithmic impact assessment. However, since fairness is one of the many constituents of Responsible AI, Telecommunication Engineering Centre (TEC) has come out with a draft Standard for assessing and rating Artificial Intelligence systems for fairness which can be used for evaluating text-based AI chatbots for fairness.
