

GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF HIGHER EDUCATION

RAJYA SABHA
UNSTARRED QUESTION NO. 1786
ANSWERED ON 11.12.2024

Use of AI in research publications

1786 SHRI S NIRANJAN REDDY:

Will the Minister of *Education* be please to state:

- (a) whether Government is aware of the increasing use of AI in research publications and if so, the details thereof;
- (b) whether Government plans to introduce disclosure norms and SOPs or ethical guidelines for AI use in research, if so, the details thereof; and
- (c) whether Government plan to develop any AI detection tools for Government universities to prevent the misuse of AI in research publications?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF EDUCATION
(DR. SUKANTA MAJUMDAR)

(a) to (c): The National Education Policy (NEP) 2020 emphasizes on a comprehensive approach that involves appropriate curriculum, engaging pedagogy, continuous formative assessment and promoting student wellness such as fitness, good health, psycho-social well-being, and sound ethical grounding for high-quality learning.

The NEP 2020 also emphasizes on building a robust ecosystem of research in India including setting up of a National Research Foundation (NRF). To achieve this, Government has established "Anusandhan National Research Foundation" (ANRF) with an aim to provide equitable funding and democratization of resources in research and academics.

Further, in order to supplement the ANRF initiative, Government has approved a new Central Sector Scheme, One Nation One Subscription (ONOS). ONOS envisages to expand access to scholarly journals to a vast diaspora of students, faculty, researchers and scientists of all disciplines, of all Higher Educational Institutions under the management of the Central or State Government and Research & Development Institutions of the Central Government, through a national subscription coordinated by a central agency.

To ensure the good academic research practices, the University Grants Commission (UGC) has notified Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions) Regulations, 2018. A guidance document on Good Academic Research Practices

has been released by the UGC on 28th October, 2020. The document provides a framework focussing on potential threats and good practice at each step in the Research Life Cycle. Furthermore, the UGC (Minimum Standards and Procedure for Award of Ph.D. degree) Regulations 2022, notified on 7th November 2022, requires all students enrolled on Ph.D. programme to complete a course in “Research and Publication Ethics” as part of coursework.

Ministry of Education also implements National Mission on Education through Information and Communication Technology (NMEICT). Under NMEICT, "Shodh Shuddhi" project provides PDS (Plagiarism Detection Software) to the Higher Education Institutions. The PDS software has the capability to report AI generated content.
