Lok Sabha Admitted Unstarred Question No. 3210

Lok Sabha Admitted Unstarred Question No. 3210 for answer on 15.03.2021 regarding "Use of Artificial Intelligence for Education Transformation". The text of the Question reads as under :

(a) whether the Government proposes to inculcate Artificial Intelligence (AI) for better educational transformation at secondary and higher secondary level;

(b) if so, the details thereof;

(c) the manner in which AI is likely to affect the overall capabilities of the education sector; and

(d) the steps taken by the Government to impart awareness of Artificial Intelligence and its application in higher educational institutions like IITs in the country?

With reference to the MoE's email dated. 10.03.2021 on the above subject, the point wise reply in respect of IIT Hyderabad is provided as follows:

(a) Whether the Government proposes to inculcate Artificial Intelligence (AI) for better educational transformation at secondary and higher secondary level;
(b) if so, the details thereof;

Reply to (a) & (b):

Ministry may like to reply.

(c) the manner in which AI is likely to affect the overall capabilities of the education sector;

Reply:

AI can be significantly useful in:
(i) creation/support of educational content; (ii) personalized content delivery;
(iii) translation of content into regional languages;
(iv) automatic evaluation for large-scale training and evaluation;
(v) automating tasks in education ERP, course enrolments;
(vi) screening candidate profiles holistically for admission into programs in the country; and many more.

(d) the steps taken by the Government to impart awareness of Artificial Intelligence and its application in higher educational institutions like IITs in the country?

Reply:

IIT-Hyderabad has established a Department of Artificial Intelligence which offers BTech, MTech and PhD programs in AI. It started the first B Tech in Artificial Intelligence program in India. Besides, IIT-H also offers a Professional Program in AI and Emerging Technologies for any interested participants in the country, as well as a real-time online weekend-based MTech in Data Science for working professionals. AI is also offered as a Minor program option for students enrolled in other engineering disciplines in the BTech program. In addition, AI is offered as a course for all students across the institution, so students enrolled in any program can be aware of the basics of AI - to apply in their own discipline. For more details, please see https://ai.iith.ac.in/.

Thank you,