

GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
DEPARTMENT OF HIGHER EDUCATION

LOK SABHA
UNSTARRED QUESTION No.5565
TO BE ANSWERED ON 02.04.2018

Software Development Skill

5565. ADV.M.UDHAYAKUMAR:

Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

- (a) whether it is true that 95 per cent software engineers not fit to take up software development jobs due to poor academic background;
- (b) if so, the details thereof;
- (c) whether it is also true that only 4.77 per cent candidates can write the correct logic for a programme and if so, the details thereof;
- (d) whether it is also true that while more than 60 per cent candidates cannot even write functionally correct and efficient code and if so, the details thereof; and
- (e) whether the lack of programming skills is adversely impacting the Information Technology (IT) and data science ecosystem in India and if so, the details thereof along with the corrective steps taken by the Government in this regard?

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT
(Dr. SATYA PAL SINGH)**

- (a) to (e) : No, Madam. However, to address the increasing skill challenges of the Indian IT industry and growth of the domestic IT market, the Govt. has established 18 Indian Institutes of Information Technology (IIITs) on a Public Private Partnership (PPP) basis. In addition, there are five IIITs which are centrally funded Technical Institutions. Further, in order to challenge the coding skills of the students of IT, Smart India Hackathon 2017 was organised by the Govt. across the country. As many as 7531 entries were received from 2100 colleges against progress of social importance identified by 29 Ministries/Department of the Govt. Many of the IITs hold national level coding contests for the students of IT in the country. At the international level, International Collegiate Programming Contest (ICPC) is also organised to provide opportunities to Indian IT students to compete with students of other countries. Our students have consistently given praiseworthy performance in these competitions.
