

**GOVERNMENT OF INDIA
CHEMICALS AND FERTILIZERS
LOK SABHA**

UNSTARRED QUESTION NO:4415
ANSWERED ON:03.05.2012
PHARMA VISION
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Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

- (a) whether the Government has prepared Pharma Vision-2020 which aims at making India one of the main destinations for end-to-end drug discovery and innovation;
- (b) if so, the details thereof;
- (c) whether the infrastructure for talent and research is likely to be created by encouraging the public private partnership;
- (d) if so, the details thereof; and
- (e) the steps taken by the Government to make the research cheaper than in the Western Countries?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION AND MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI SRIKANT KUMAR JENA)

(a) & (b) : At the instance of the Department of Pharmaceuticals, in 2009, McKinsey & Company assessed India's opportunity in global pharmaceutical Research & Development (R&D), outlined a potential aspiration for 2020, described specific opportunity areas for developing excellence and outlined imperatives for the Government. The assessment contained general observations in regard to the potential of India's opportunity in global Pharmaceutical R&D such as;

(i) There is indeed potential for India to be among the top 5 global innovation hubs by 2020.

(ii) India needs to focus on four areas of research: New Chemical Entities (NCEs), process and life cycle R&D, bio-similar, and holistic medicines,

(iii) Pharmaceutical R&D opportunity will create more than five lakh additional high value research jobs.

Further, in November, 2011, the Department has engaged M/s Ernst & Young Private Limited (E&Y) as Global Level Consultant for preparation of Detailed Project Report for developing India as a Drug Discovery & Pharma Innovation Hub 2020. The Report will enable the Department to make appropriate policies, frame strategies and action plans for being a pro-active facilitator to make India as the Drug Discovery & Pharma Innovation Hub by 2020.

(c) & (d): At present Post Graduate level education and Ph. D in Pharmaceutical Sciences is imparted, among others, by National Institute of Pharmaceutical Education and Research (NIPER) at Mohalt, Punjab. Government has since set up six new NIPERs at Ahmedabad, Hyderabad, Hajipur, Rae-Bareli, Guwahati and Kolkata. The availability of talent for R&D may thus increase due to these efforts of the Government.

(e): In the Report of the Working Group on Drugs and Pharmaceuticals Industry for the 12th Plan, the following proposals relating to R&D have been included annexure.