

**GOVERNMENT OF INDIA
MINISTRY OF CHEMICALS AND FERTILIZERS
DEPARTMENT OF PHARMACEUTICALS**

LOK SABHA
UNSTARRED QUESTION NO. 1456
TO BE ANSWERED ON THE 10th February, 2023

Research and Development in Pharma Sector

†1456. DR. RAMESH POKHRIYAL “NISHANK”:

Will the Minister of **CHEMICALS AND FERTILIZERS** be pleased to state:

- (a) the steps taken by the Government to promote Research and Development in pharmaceutical sector of the country during the last five years; and
- (b) the steps taken/proposed to be taken by the Government to promote the private sector participation in the R&D?

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF CHEMICALS & FERTILIZERS
(SHRI BHAGWANTH KHUBA)**

(a) and (b): Department of Pharmaceuticals (DoP) has been assigned the responsibility of promotion and co-ordination of basic, applied and other research in areas related to the pharmaceutical sector. DoP has set up seven National Institutes of Pharmaceutical Education & Research (NIPERs) as institutes of national importance to nurture and promote quality and excellence in pharmaceutical education and research in India, which besides imparting postgraduate and doctorate education, conduct high end research in various pharma specializations.

Research and Development (R&D) in pharma sector is also undertaken by number of institutions and organizations under various scientific ministries/ departments. Council of Scientific and Industrial Research (CSIR) through its constituent laboratories has been pursuing R&D activities for drug discovery and development. CSIR-CDRI has built a unique model for drug research in India – having everything under one roof, from synthesis, screening, development studies, process up-scaling to clinical studies for the development of drugs. Department of Biotechnology (DBT), along with its Public Sector Undertaking (PSU) Biotechnology Industry Research Assistance Council (BIRAC) has facilitated implementation of R&D projects for drug discovery in the areas of Tuberculosis (TB), Anti-Microbial Resistance (AMR), Diabetes, Cancer, Rare Diseases, etc., through its regular schemes. Department of Scientific & Technology (DST) has also invited proposals for research in rare diseases with focus to bring generic drugs which are off- patent and to develop process chemistry for drugs under patent to make it affordable once patent expires.

During budget 2023-24, Hon’ble Finance Minister has announced about a new Programme to promote research and innovation in pharmaceuticals to taken up through centres of excellence. It was also mentioned that the government will encourage industry to invest in research and development in specific priority areas.
