

**GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY**

**LOK SABHA  
UNSTARRED QUESTION No. 2268  
TO BE ANSWERED ON 23/09/2020**

**National Biopharma Mission**

**†2268.** SHRI RAVI KISHAN:  
SHRI NAYAB SINGH:  
SHRI GAJENDRA SINGH PATEL:  
SHRI JOHN BARLA:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) the details of the aims and objectives and the goals set by the Government under National Biopharma Mission (NBM);

(b) the details of the efforts being made by the Government under NBM for promoting entrepreneurship and indigenous manufacturing;

(c) the manner in which the Government is boosting innovation in the country to attain inclusivity; and

(d) whether any projects/activities are also being undertaken under NBM in Haryana, if so, the details thereof?

**ANSWER**

**MINISTER OF HEALTH AND FAMILY WELFARE; MINISTER OF SCIENCE AND  
TECHNOLOGY; AND MINISTER OF EARTH SCIENCES  
(DR. HARSH VARDHAN)**

**(a)** The National Biopharma Mission was approved by the Cabinet in 2017 with an aim to transform the health standards of the country through affordable product development and bring 5-7 biopharmaceutical products closer to market.

Objectives and goals of the Mission are a) Specific Product development under vaccines, biosimilars and medical devices b) Building shared infrastructure for product testing, characterization and manufacturing c) Promoting scientific research

through establishment of translational research consortia and development of novel biopharmaceuticals and devices d) skill development through trainings e) creating and enhancing technology transfer and intellectual property management.

**(b)**The Mission is supporting small and medium enterprises for biopharmaceutical product development, enhancing industry academia interlinkages and providing opportunities to translate knowledge into products/technologies for vaccines, biotherapeutics, devices and diagnostics. The indigenous manufacturing is promoted through the supported shared facilities for process optimization, clinical grade manufacturing of Biologics, Analytical testing labs, cell line repository, prototyping facilities, large animal testing facilities and medTech zone for manufacturing devices and diagnostics at large scale. These high capital facilities provide easy access to equipment and infrastructure thus encouraging indigenous manufacturing. Technology transfer offices have been established to support technology transfer and support entrepreneurship.

**(c)**Financial and mentorship support has been provided to industry and academia for indigenous product development. This includes projects on development of components of upstream and downstream biologics manufacturing, such as engineered cell lines, media, resins and bioreactors which are currently in-licensed, requiring huge capital. To boost innovation, Mission is also supporting development of novel biologics, novel vaccines and medical devices like MRI, ventilators, diagnostic probes and Medical grade camera.

**(d)**Five projects are being supported in Haryana, 3 projects in Faridabad district (for Medical Device and Translational Research Consortia) and 2 in Gurgaon district (for Medical device and Clinical Trial network).