

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO - 3910**  
ANSWERED ON 18/12/2024

**ATOMIC RESEARCH AND DEVELOPMENT HUB IN AMRITSAR**

3910. SHRI GURJEET SINGH AUJLA

Will the PRIME MINISTER be pleased to state:-

- (a) whether the Government has any plans to expand atomic energy research and facilities in Amritsar in view of its strategic location and existing infrastructure;
- (b) if so, the details thereof;
- (c) if not, the reasons therefor; and
- (d) the anticipated benefits, including advancements in medical research, clean energy generation and job generation for the local and national economy?

**ANSWER**

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS  
AND PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH)

(a) to(d): Atomic Energy related facilities belong to a wide range of purposes, from power production to health care to social technologies related to Agriculture, Food Processing and Preservations, Waste Management and other industrial use, involving radiation sources. Each of these different types of facilities has specific technical requirements to meet, to built at any specific location.

Regarding Clean Nuclear energy generation facilities, site selection of Nuclear Power Plants are done based on set technical requirements including availability of water for cooling of different engineering systems and seismicity consideration, which needs to be evaluated subject to State Government's offer.

Towards health care and medical research, Homi Bhabha Cancer Hospital and Research Centre (HBCHRC) has been set up at Chandigarh. Between October 2023 and September 2024, HBCHRC has treated 1,70,581 patients, out of which 13,419 are new patients. Technical Assistance has been offered to Punjab Government for strengthening health care in the state and Hub-and-Spoke model of cancer care has been successfully implemented.

There are a host of DAE developed societal technologies, available for technology transfer, the benefit of which can be derived by entrepreneurs across country, including Amritsar. Also, Atal Incubation Centres associated with selected R&D and Aided Institutions of DAE, are providing all technical and logistic supports to interested start-ups under incubation mode. These two avenues are expected to create job and benefit local and national economy.

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