

GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION No. 1245**  
ANSWERED ON 05/12/2024

**R&D PROJECT'S FUNDING IN PUNJAB UNDER NRF**

1245 Shri Sanjeev Arora:

Will the Minister of Science and Technology be pleased to state:

- (a) the number of Research and Development (R&D) projects in Punjab Universities that have received funding under the National Research Foundation (NRF) or other central schemes;
- (b) the number of these projects focused on key sectors like agriculture technology, renewable energy, and medical research; and
- (c) the manner in which Government is working to increase the number of collaborative R&D projects between Punjab's universities and the industry?

**ANSWER**

MINISTER OF STATE (INDEPENDENT CHARGE) FOR THE  
MINISTRY OF SCIENCE AND TECHNOLOGY & EARTH SCIENCES  
(DR. JITENDRA SINGH)

(a) to (b): The Anusandhan National Research Foundation (ANRF) has been operationalized recently. There are several Research and Development (R&D) projects in Punjab Universities that have received funding under erstwhile Science and Engineering Research Board and other central schemes of Department of Science and Technology. This includes: 18 R&D projects sanctioned in Punjab University in which 4 projects are focused on key sector of medical research; 110 R&D projects under the scheme of Innovation, Technology, Development and Deployment in last two financial years in which 12 projects in renewable energy, 12 in agriculture technology and 11 in medical research; 7 R&D projects from different Technology Innovation Hubs under the National Mission on Interdisciplinary Cyber-Physical Systems. National Supercomputing Mission has installed an 833 teraflop system in National Agri-Food Biotechnology Institute (NABI), Mohali dedicated for Agri-Bio tech studies.

(c) Government has several schemes and programmes to increase the number of collaborative R&D projects between universities and industries across the country, including in the state of Punjab. Under these schemes/programmes, emphasis is placed on the commercialization and translation of technologies developed. Investigators are encouraged to establish collaborations with industry stakeholders to ensure that the outcomes of these initiatives result in innovative products and solutions with tangible societal benefits.

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