

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION No. 2883
ANSWERED ON 12/03/2021**

DISCRETIONARY FUNDS

2883. COL. RAJYAVARDHAN RATHORE:

Will the Minister of **SCIENCE AND TECHNOLOGY** विज्ञान और प्रौद्योगिकी मंत्री be pleased to state:

- (a) the details of discretionary funds available with the Department of Science and Technology (DST) over the last five years including expenditure/utilization along with the outcome thereof;
- (b) the details of schemes or programmes under which funds were allocated by the DST for promoting research in Science and Technology during last five years;
- (c) the number of proposals received from institutes of national importance by the DST over the last three years, institute-wise and the number of such proposals which have been sanctioned for research;
- (d) the manner in which the Ministry is supporting Institutes of National Importance; and
- (e) the tangible outcome of various proposals received for the creation of usable technology over last five years, institute-wise?

ANSWER

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

स्वास्थ्य और परिवार कल्याण मंत्री, विज्ञान और प्रौद्योगिकी मंत्री और पृथ्वी विज्ञान मंत्री
डॉ. हर्ष वर्धन

- a) No discretionary funds are available with the Department of Science & Technology (DST) over the last five years.

b) For promoting research in Science and Technology, DST has allocated funds under following Umbrella Central Sector schemes;

- 1. S & T Institutional & Human Capacity Building**
- 2. Research & Development**
- 3. Innovation Technology Development and Deployment**
- 4. National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS)**

c) DST provides fund support to different academic and Research & Development(R&D) institutions in the country including institutions of national importance. During the last 3 years, out of 7,402 project proposals received by the department, 2,157 projects were sanctioned under various schemes/sub-schemes of DST. The institute-wise list is provided at Annexure-I.

d) The nature of R&D support provided to Institutions of national importance is in the form of grant-in-aid as part of extra-mural R&D support.

e) Some of the tangible outcomes from the support provided for creation of usable technologies are in terms of converting proof-of-concept for technologies/ techniques/ processes/products into prototypes for validation and demonstration in actual field settings. Applicants are encouraged to involve industry and do the need assessment for development of Technology. Under Technology Development Programme of DST, technology development projects were sanctioned to Indian Institute of Technology, National Institute of Technology, Sree Chitra Tirunal Institute for Medical Sciences and Technology and All India Institute of Medical Sciences during the last 5 years. The tangible outcome for creation of usable technology was measured in terms of technology demonstration in thrust areas which include waste management, advance manufacturing, biomedical devices, science/technology for conserving/preserving heritage, & agro-technologies etc.

Annexure-I**List of Project supported under various schemes of Department of Science and Technology: Institute-wise**

Name of Institute	2017-18		2018-19		2019-20		Total	
	Received	Sanctioned	Received	Sanctioned	Received	Sanctioned	Received	Sanctioned
Indian Institutes of Technology	559	222	784	329	2143	898	3486	1449
National Institutes of Technology	442	88	658	94	1585	167	2685	349
Indian Institutes of Information Technology	53	10	72	8	202	25	374	43
Indian Institutes of Science Education and Research	84	43	92	53	248	149	424	245
National Institutes of Pharmaceutical Education and Research	8	-	19	4	64	11	91	15
All India Institutes of Medical Sciences	104	19	90	13	195	24	389	56
Total	1250	382	1715	501	4437	1274	7402	2157
