

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION No. 788
TO BE ANSWERED ON 05/02/2021**

Measures to Promote Scientific Research

788. DR. SUJAY RADHAKRISHNA VIKHE PATIL:

DR. SHRIKANT EKNATH SHINDE:

SHRI UNMESH BHAIYYASAHEB PATIL:

SHRI HEMANT SRIRAM PATIL:

DR. HEENA GAVIT:

SHRI DHAIRYASHEEL SAMBAJIRAO MANE:

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

(a) whether Government has taken any measures to promote scientific research Institutes/Universities in the country;

(b) if so, details thereof and if not, reasons therefor;

(c) whether there has been an increase in patents registered by Indian Institutes and Universities; and

(d) if so, details thereof and if not, the reasons therefor?

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) & (b) Yes Sir. The Government has taken various measures to promote scientific research Institutes/Universities in the country such as successive increase in plan allocations for scientific departments, setting up of new institutions for science, education and research, creation of Centres of Excellence and facilities in emerging and frontline areas of S&T in academic and national institutions, operation of schemes such as Promotion of University Research and Scientific

Excellence(PURSE); Fund for Improvement of Science and Technology Infrastructure (FIST); Sophisticated Analytical Instrument Facilities (SAIF), Sophisticated Analytical & Technical Help Institutes (SATHI), Consolidation of University Research through Innovation and Excellence in Women Universities (CURIE), Technical Research Centers (TRC), Visiting Advanced Joint Research (VAJRA) Faculty Scheme for distinguished overseas scientists and academicians including Non-Resident Indians (NRIs) and Overseas Citizens of India (OCIs), Overseas Visiting Doctoral Fellowship (OVDF), Prime Minister's research fellowships, Teacher Associate-ship for Research Excellence (TARE) and Distinguished Investigator Award (DIA), Department of Bio-Technology-The World Academy of Sciences (DBT-TWAS) International fellowships and providing substantial grant to potential scientists through extramural research funding etc. The Government is also encouraging public private partnerships, national awards for outstanding R&D, kindling an innovative spirit among Scientists to translate R&D leads into scalable technologies, creating Technology Incubation Centre, Technology Enabling Centre and Technology Demonstration Centre, promoting strong linkages with advanced countries, including participation in mega international science initiatives and implementing selected National Flagship Programmes which have direct bearing.

(c) & (d): Yes Sir. There has been increasing trend in filing as well as grant of patent applications in India with respect to academic institutes and universities. The financial year wise details as received from Office of Controller General of Patents, Designs & Trade Marks, Mumbai are as follows:

| Application Filed and Granted To Indian Academic Institutes/Universities from 1 st April 2015 to 31 st January 2021 | | |
|---|-------------|---------------|
| Financial Year | Total Filed | Total Granted |
| 2020-2021 (Up to 31/01/2021) | 3970 | 721 |
| 2019-2020 | 4411 | 515 |
| 2018-2019 | 2978 | 237 |
| 2017-2018 | 2511 | 192 |
| 2016-2017 | 1652 | 148 |
| 2015-2016 | 1514 | 98 |
