

GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF HIGHER EDUCATION
RAJYA SABHA
STARRED QUESTION NO.308
ANSWERED ON 29.03.2023

Research and Development in Higher Education

308 Shri Deepender Singh Hooda:

Will the Minister of Education be pleased to state:

- (a) where does India stand among prominent countries in terms of fund allocation for Research and Development in Higher Education as a percentage of annual GDP;
- (b) the details of the schemes run by Government to promote Research and Development (R&D) in Higher Education ;
- (c) the funds allocated and utilized on R&D in Higher Education during the last three financial years including the current financial year; and
- (d) the details thereof?

ANSWER

THE MINISTER OF EDUCATION
(SHRI DHARMENDRA PRADHAN)

(a) to (d): A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) to (d) OF RAJYA SABHA STARRED QUESTION No. 308 FOR 29.03.2023 ASKED BY SHRI DEEPENDER SINGH HOODA, HON'BLE MEMBER OF PARLIAMENT REGARDING RESEARCH AND DEVELOPMENT IN HIGHER EDUCATION.

(a) to (d): The Government has been putting consistent efforts to promote spending on Research & Development (R&D) in the Country. The Department of Science & Technology (DST) brings out the R&D statistics. The DST has informed that as per the latest available R&D Statistics 2019-2020, the national expenditure on research and development measured in terms of Gross Expenditure on Research and Development has been continuously increasing over the years and has been increased by three times in last 10 years. The National expenditure on R&D in the Higher Education Sector has also increased from ₹ 5512.83 crore during 2014-15 to an estimated ₹. 8797.08 crore during 2018-19, thus marking an increase of 59.57%.

The Department of Higher Education and other Ministries of the Government of India like the DST, Department of Biotechnology, Council of Scientific & Industrial Research, Indian Council of Agricultural Research, Indian Council of Medical Research are implementing various schemes for promoting research and development in the Higher Educational Institutions (HEIs). Further, the HEIs are also being encouraged to collaborate with the private sector, Alumni Associations, startups and entrepreneurship to augment the research efforts.

Further for the promotion and enhancement of research and development activities various pan India schemes are being implemented by the University Grants Commission (UGC) and All India Council for Technical Education (AICTE). Total funds amounting to Rs.4282.66 crores have been provided by UGC and AICTE as financial assistance under various schemes during the last three years and the current year. The details of the schemes are at Annexure.

ANNEXURE AS REFERRED TO IN REPLY TO PARTS (a) to (d) OF RAJYA SABHA STARRED QUESTION No. 308 FOR REPLY ON 29.03.2023 ASKED BY SHRI DEEPENDER SINGH HOODA, HON'BLE MEMBER OF PARLIAMENT REGARDING RESEARCH AND DEVELOPMENT IN HIGHER EDUCATION

1. FELLOWSHIP SCHEMES IMPLEMENTED BY UGC TO PROMOTE AND ENHANCED RESEARCH & DEVELOPMENT:

I. TEACHER/FACULTY CENTRIC SCHEMES:

- (a) BSR Faculty Fellowship
- (b) Emeritus Fellowship: The scheme has been re-launched as "Fellowship for Superannuated Faculty Members". Only the old cases are being settled.

II. POST DOCTORAL FELLOWSHIP SCHEMES:

- (a) Dr. S. Radhakrishnan Post Doctoral Fellowship in Humanities and Social Science
- (b) Dr. D.S. Kothari Post Doctoral Fellowship
- (c) Post-Doctoral Fellowship for SC/ST Candidates
- (d) Post Doctoral Fellowship for Women

The above four schemes have been merged with newly launched "Dr. S. Radhakrishnan Post Doctoral Fellowship". Only the old cases are being settled.

III. DOCTORAL FELLOWSHIP SCHEMES:

- (a) Junior Research Fellowship in Science, Humanities and Social Sciences
- (b) BSR Fellowship for Research (Ph. D): The scheme has been merged with UGC NET-JRF in 2016. Only the old cases are being settled.
- (c) Swami Vivekananda Single Girl Child Fellowship for Research in Social Sciences: The scheme has been re-launched as "Savitribai Jyotirao Phule Fellowship For Single Girl Child". Only the old cases are being settled.

2. SCHEMES NEWLY LAUNCHED BY THE UGC:

I. TEACHER/FACULTY CENTRIC SCHEMES

- (a) Dr. D. S. Kothari Research Grant For Newly Recruited Faculty Members
- (b) Research Grant For In-Service Faculty Members
- (c) Fellowship For Superannuated Faculty Members

II. POST DOCTORAL FELLOWSHIP SCHEMES: Dr. S. Radhakrishnan UGC Post-Doctoral Fellowship.

III. DOCTORAL FELLOWSHIP SCHEMES: Savitribai Jyotirao Phule Fellowship for Single Girl Child.

3. DOCTORAL SCHEMES OF OTHER MINISTRIES BEING IMPLEMENTED BY UGC*:

- (a) Maulana Azad National Fellowship for Minority Students (Ministry of Minority Affairs)
- (b) National Fellowship for Students of Other Backward Classes (OBC) (Ministry of Social Justice & Empowerment)
- (c) National Fellowship for SC candidates (Ministry of Social Justice & Empowerment)

*UGC implemented these three (3) national fellowship schemes sponsored by other ministries upto 30.09.2022. Now, the schemes have been returned to their respective ministries. However, old offline cases are being settled by UGC.

4. SCHEMES IMPLEMENTED BY AICTE:

- (a) Research Promotion Scheme
- (b) AICTE Doctoral Fellowship
- (c) AICTE IDEA LAB