

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
STARRED QUESTION NO.71
TO BE ANSWERED ON 20/12/2017**

RESEARCH ON PANCHAGAVYA

†*71. SHRI RAKESH SINGH:

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान एवं प्रौद्योगिकी मंत्री

be pleased to state:

- (a) whether any research has been conducted on the benefits of panchagavya in the country and if so, the details thereof;**
- (b) whether the Government has set up any central committee to validate the usefulness of panchagavya in medicinal and agricultural terms;**
- (c) if so, the terms of reference of the said committee; and**
- (d) the time by which the said committee is likely to submit its report?**

ANSWER

**MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTRY OF
EARTH SCIENCES**

(DR. HARSH VARDHAN)

विज्ञान एवं प्रौद्योगिकी मंत्री और पृथ्वी विज्ञान मंत्री

(डा. हर्ष वर्धन)

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

STATEMENT AS REFERRED IN REPLY TO PARTS (a) TO (d) OF LOK SABHA STARRED QUESTION NO.71 FOR 20/12/2017 REGARDING RESEARCH ON PANCHAGAVYA

(a) Yes, Madam. Indian Council of Scientific and Industrial Research (CSIR), through its constituent laboratories has conducted research studies in collaboration with Go VigyanAnusandhan Kendra, Nagpur on cow urine distillate for its antioxidant and bio-enhancing properties on anti- infective and anti-cancer agents and nutrients. Four US Patents have been secured since 2002. The Central Council for Research in Ayurvedic Sciences, Ministry of AYUSH has also initiated an experimental study (toxicity and biological activity) on PanchagavyaGhrita- an Ayurvedic formulation. Panchagavyaalongwith other organic inputs has also been evaluated for different cropping systems at 11 locations covering 10 States under Network Project on Organic Farming operated by ICAR-Indian Institute of Farming Systems Research (IIFSR), Modipuram.Further, a National Programme on “Scientific Utilization through Research Augmentation-Prime Products (Panchagavya) from Indigenous Cows: SUTRA-PIC India Programme” has been recently initiatedas a collaborative programme of Department of Science & Technology (DST), Department of Biotechnology (DBT), Council of Scientific & Industrial Research (CSIR), Indian Council of Medical Research (ICMR), Indian Council of Agricultural Research (ICAR), Ministry of New and Renewable Energy (MNRE) and Ministry of AYUSH.

(b) In order to implement the SUTRA-PIC India Programme, DST has constituted a National Steering Committee (NSC) under my Chairmanship to act as an apex body for guiding this programme (earlier known as SVAROP) and assign various projects to the concerned collaborative Ministry/Department/Institution/Agency. Dr. Vijay Bhatkar, Chancellor, Nalanda University, is the Co-Chairman of NSC.

(c) The Terms of Reference of the NSC for the SUTRA-PIC India Programme (earlier known as SVAROP) are given below.

- i. To function as an apex body for guiding “Scientific Validation and Research on *Panchagavya*” (SVAROP) programme(now named as SUTRA-PIC India Programme).
- ii. To select and assign various projects to the concerned Ministry/Department/ Institution/Agency/Organisation, which have been screened by the National Working Group formed by IITD for evaluation.
- iii. To recommend budget structure and various budget heads of the programme and the projects.
- iv. To guide, assess and review progress of projects approved for support under the programme.
- v. To formulate and recommend technology delivery mechanisms and value-chain for the widespread application of R & D outcomes and S&T packages developed under approved project(s) for field level application and so on.
- vi. The Chairman of the Committee may associate such other official or non-official experts as its members/special invitees who may complement/supplement its expertise.
- vii. Conflict-of-interest norms of DST would be strictly followed by the Committee.
- viii. A sitting fee of ₹2,500/- per day shall be paid to the non-official members for the day(s) of the meeting.
- ix. The tenure of the National Steering Committee will be for a period of three years.

(d) Though the National Steering Committee (NSC) has been constituted essentially for guiding & monitoring this new programme, it will ensure conduct of research & development of highest quality in compliance with international standards and also in a time bound manner. It will also synergize and strengthen their efforts so as to deliver qualitative outputs in terms of knowledge and useful product and processes.
