

**GOVERNMENT OF INDIA
MINISTRY OF AYURVEDA, YOGA & NATUROPATHY,
UNANI, SIDDHA AND HOMOEOPATHY
(AYUSH)**

**RAJYA SABHA
UNSTARRED QUESTION NO.1279
TO BE ANSWERED ON 14TH MARCH, 2017**

SCIENTIFIC STUDIES TO PROVE EFFICACY OF PLANT EXTRACTS

1279. DR. VIKAS MAHATME:

Will the Minister of **AYURVEDA, YOGA & NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY** be pleased to state:

- (a) whether any scientific studies have been undertaken to prove the effectiveness of Ayurvedic, naturopathy, unani and homoeopathy medicines; if so, the details thereof including the details of the Research papers published in index journals and patents obtained, year-wise for the last three years;
- (b) whether due to lack of high standard scientific studies calibrating the usage, dosage and side effects of these medicines which are otherwise very effective in treatment of diseases people have to go by their experiences of how these felt after using such medicines; and
- (c) if so, the steps taken/proposed to be taken to undertake such studies?

**ANSWER
THE MINISTER OF STATE (IC) OF THE MINISTRY OF AYURVEDA,
YOGA & NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY
(SHRI SHRIPAD YESSO NAIK)**

(a): Yes. Ministry of AYUSH has set-up five autonomous Research Councils, namely, Central Council for Research in Ayurvedic Sciences (CCRAS), Central Council for Research in Homoeopathy (CCRH), Central Council for Research in Unani Medicine (CCRUM), Central Council for Research in Siddha (CCRS) and Central Council for Research in Yoga and Naturopathy (CCRYN) which serve as apex bodies for formulation, coordination, development and promotion of research activities in traditional medicine systems for various diseases.

Scientific studies have been undertaken to prove the effectiveness of Ayurvedic, Unani and Homoeopathy medicines through various institutions under the Ministry of AYUSH. However, Naturopathy is a drug-less therapy.

Contd.....

The action taken by the aforesaid Councils with regard to Scientific studies and the details related to patent and publications are as below:-

CCRAS has completed 43 scientific studies to prove the effectiveness of Ayurvedic medicines. The Council has published 77, 82 and 63 Research Papers during 2014-15, 2015-16 and 2016-17 respectively. Four patents were filed from 2012-14 to 2014-15 and one has been filed during 2016-17.

CCRUM has completed nine studies on new investigational drugs. It has conducted four multi-centric randomized controlled trials for new drug development. The council has completed Pharmacopoeial validation of 25 drugs and initiated other 51 studies. The Council has published six, five and five Research Papers during 2014-15, 2015-16 and 2016-17 respectively. Total of seven Patents were filed by the council during year 2011-2012.

CCRS has completed multicentric open labelled clinical trial on Neerizhivu (Diabetes Mellitus), clinical trial Rasa Gandhi Mezhugu in Karuppai Sathai Kattigal (fibroid Uterus) and Clinical evaluation of sirupeelaiyathi kudineer in the management of Kalladaippu (Urolithiasis). It has published 24, 43 and 19 Research Papers during 2014-15, 2015-16 and 2016-17 respectively. One patent for D5 Chooranam for Diabetes Mellitus has also been published.

CCRH has undertaken 141 new scientific studies to prove the effectiveness of homoeopathy medicines. It has published 15, 12 and 11 Research Papers during 2013-14, 2014-15 and 2015-16 respectively.

(b): No. Instances of lack of high standard scientific studies coming as an impediment in the way of otherwise effective treatment of diseases through the AYUSH systems of healthcare and the usage of such medicines by people have not been reported to the Ministry so far.

(c): Does not arise in view of (b) above.

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