

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

**LOK SABHA  
UNSTARRED QUESTION NO.2787  
TO BE ANSWERED ON 2<sup>ND</sup> DECEMBER, 2016**

**PATENTS ON RESEARCH DRUGS**

**2787. SHRI JAYADEV GALLA:**

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

- (a) the details of patents on research drugs filed during the last three years and the current year;
- (b) the details of new drugs and validation of drugs that the Government has achieved in the last three years, yearwise;
- (c) whether AYUSH is developing drugs on non-communicable diseases, bronchial asthma, etc.; and
- (d) if so, the details thereof?

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

(a): The four Research Councils, namely Central Council for Research in Ayurvedic Sciences (CCRAS), Central Council for Research in Unani Medicine (CCRUM), Central Council for Research in Siddha (CCRS) and Central Council for Research in Homoeopathy (CCRH), autonomous organization under the Central Government are involved in research activities, inter-alia including development of new drugs. The details regarding filing of patents for drugs by these Councils during last three years are at **Annexure**.

(b): The details of new drugs and validation of drugs by the Research Councils working under Ministry of AYUSH during last three years are as under:

- (i) CCRAS has initiated validation of 43 ayurvedic formulations in 17 diseases/conditions in 2013-14. During 2014-15 and 2015-16 data analysis have been completed in 14 and 16 cases respectively. Further, CCRAS has completed study before initiating data analysis for its two new drug developed, namely, AYUSH- Manas and AYUSH-QOL2C.

(ii) CCRUM have completed studies on 25 formulations during last three years.

(iii) The Central Council for Research in Homoeopathy (CCRH) has also initiated drug validation studies on 53 drugs in 05 clinical conditions.

(iv) CCRS has clinically validated two drugs

(c) & (d): Yes. The details are as under:

CCRAS has developed 14 drug formulations out of which 11 have been commercialised; Study completed in two cases; and pre-clinical studies completed in 06 cases. It has also initiated drug development on bronchial asthma.

CCRH has initiated research studies in non-communicable diseases using homoeopathic medicines mentioned in traditional text books and has completed pre-clinical trials for drugs on cancer and clinical trials for developing drugs on diabetes, hypertension, bronchial asthma and hyperlipidemia.

CCRUM has initiated four multi-Centric Randomized Controlled Trials(RCTs) for non-communicable diseases including diabetes and hypertension.

CCRS has completed pre-clinical studies for developing drugs, namely, OA 1 Chooranam for osteoarthritis.

.....

## ANNEXURE

### Details of the new drugs developed and introduced by Research Councils under Ministry of AYUSH

#### Central Council for Research in Ayurvedic Sciences (CCRAS)

<b>Sl. No.</b>	<b>Name of the patent</b>	<b>Patent Filed Date</b>
1.	Emulgel based topical dosage form in sustained manner containing herbal extract for the treatment of Psoriasis and a process for preparing the same	Applied on 10 <sup>th</sup> March, 2014 through NRDC
2.	Development of Ayurvedic product "AyushRasayan A & B" for accelerated and appropriate nutrition to improve the biological competence of body	Applied on 7 <sup>th</sup> April, 2014 through NRDC
3.	Development of an Ayurvedic product "CARCTOL-S" for the treatment of cancer and preparing for the same	Applied on Feb., 2015 through NRDC
4.	Composition for haemoglobin and method of preparation thereof	2589/MUM/2013 Filed on 06/Aug/2013

#### Central Council for Research in Unani Medicine (CCRUM)

<b>Sl. No</b>	<b>Name of the patent</b>	<b>Date of filing</b>
1.	Novel herbal drug for Filariasis	Dec 2014
2.	Novel herbal drug for Infective Hepatitis	Dec 2014
3.	Novel herbal drug for Duodenal Ulcer	Dec 2014
4.	Novel herbal drug for Vitiligo	Dec 2014
5.	Novel herbal drug for malaria	Dec 2014

#### Central Council for Research in Siddha (CCRS)

Name of the drug- D5 Chooranam

**Homoepathy Drugs:** As these are mentioned in literature, the drugs are not patentable.