

Some premier scientific institutions in Kerala such as Amla Cancer Research Centre (ACRC) and Rajiv Gandhi Centre for Biotechnology (RGCB) are carrying out research work on phytochemical screening of some plants species for identifying potential compounds which are effective against cancer. Similarly, JNTBGRI is carrying out research work on pharmacological evaluation of some herbal drugs effective as anti-cancer and the RGCB is doing research work focusing on molecular mechanisms of cancer.

#### **Research institutes for studying medicinal herbs**

†481. SHRI MAHENDRA SINGH MAHRA: Will the Minister of AYURVEDA, YOGA AND NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY (AYUSH) be pleased to state:

(a) the norms for setting up national institutes of pharmaceutical education and research in States;

(b) the names of places where these institutes were established after 2007;

(c) whether Government is aware that there is an abundance of life-enhancing and disease-destroying herbs in Uttarakhand;

(d) if so, whether Government would consider to open schools in the State to impart more education to the people about these herbs; and

(e) if not, whether Government has any alternative arrangement in place for the same and the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF AYURVEDA, YOGA AND NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY (AYUSH) (SHRI SHRIPAD YESSO NAIK): (a) and (b) As per information furnished by Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, the National Institute of Pharmaceutical Education and Research are established with the purpose of providing leadership in Pharmaceutical Sciences and related areas. The first National Institute of Pharmaceutical Education and Research (NIPER) was set up by the Department of Pharmaceuticals in Mohali, Punjab on 26th June 1998. After 2007, the Department of Pharmaceuticals in the Central Government decided to establish similar institutes in different parts of the country on the basis of growing demand of the Indian Pharmaceuticals industry and the unique requirements and projections of the Pharmaceutical Industry in the global economic scenario. Accordingly, six new National

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†Original notice of the question was received in Hindi.

Institutes of Pharmaceutical Education and Research have been set up at Hajipur (Bihar), Hyderabad (Telangana), Ahmedabad (Gujarat), Raebareli (Uttar Pradesh), Guwahati (Assam) and Kolkata (West Bengal).

(c) to (e) Yes Sir, Government is aware that there is an abundance of important medicinal herbs in the State of Uttarakhand. Many of the institutes are in place in the State for the development of medicinal plants and herbal wealth, including State Medicinal Plant Board (Dehradun), Herbal Research and Development Institute (Gopeshwar, Chamoli), Bhesaj Development unit in all districts and Kumaon University (Nainital), Hemavati Nandan Bahuguna Garhwal University (Srinagar, Pauri), Gurukul Kangri University (Haridwar), Pant Nagar Agriculture University (Pant Nagar), Uttarakhand Ayurved University (Dehradun), Forest Research Institute (Dehradun), Patanjali Herbal Research Institute (Haridwar), Vivekanand Parvatiya Krishi Anusandhan Sansthan (Almora), Indian Institute of Technology (Roorkee), Regional Institute of Himalayan Flora (Tarikhet), Defence Institute of Bio-energy Research with three centres at Pithoragarh, Haldwani and Auli. National Medicinal Plants Board under the Ministry of AYUSH has also supported Medicinal Plants projects in the State.

#### **Allocation for Jharkhand under NAM**

482. SHRI SANJIV KUMAR: Will the Minister of AYURVEDA, YOGA AND NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY (AYUSH) be pleased to state:

(a) how does the National Ayush Mission (NAM) plan to strengthen alternative medicines in India;

(b) what is the allocation made under the National Ayush Mission for the State of Jharkhand during Financial Year 2015-16;

(c) what goalposts have been set for promotion/strengthening of Ayush in Jharkhand; and

(d) whether the Ministry has undertaken any evaluation in this regard?

THE MINISTER OF STATE OF THE MINISTRY OF AYURVEDA, YOGA AND NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY (AYUSH) (SHRI SHRIPAD YESSO NAIK): (a) Government of India has launched National AYUSH Mission (NAM) during 12th Plan for implementing through States/UTs. The basic objective of NAM is to promote AYUSH systems of medicine through cost effective AYUSH services, strengthening of educational systems, facilitate the enforcement of