

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

**LOK SABHA
UNSTARRED QUESTION NO. 4777
TO BE ANSWERED ON 23RD MARCH, 2018**

IMAGING TECHNOLOGY

4777. SHRI DUSHYANT SINGH:

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

- (a) the details of the current system being used to identify the location of the medicinal plants in India;
- (b) whether the Ministry has taken any steps to use imaging technology as a tool to identify medicinal plants based on morphology and locate it geographically on the map; and
- (c) if so, the details thereof and if not, the reasons therefor?

ANSWER

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

(a): Manual Survey and inventorization is practiced widely to identify the location of Medicinal Plants in India, however, the modern technologies like Remote Sensing & Geographic Information System (GIS), Global Positioning System (GPS) used for survey and inventorization of Plant diversity and identification of specific location/habitat of plant species / populations are also currently used to identifying the location of the medicinal plants.

(b)&(c): Recently, the NMPB, Ministry AYUSH under its Central Sector Scheme on Conservation, Development and Sustainable Management of Medicinal Plants has supported a project titled “Geospatial approach for suitable site identification for conservation of some species of Medicinal and Aromatic Plants (MAPs) at selected districts of Uttarakhand” to Uttarakhand Space Application Centre, Dehradun and another project titled “Inventorization, Digitization and web enabling of the Geo-spatial Maps of Medicinal and Aromatic Plants cultivated in the States of Andhra Pradesh, Tamil Nadu, Karnataka, Kerala and Orissa” to the Central Institute of Medicinal and Aromatic Plants (CIMAP), Lucknow.

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