

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 2231
ANSWERED ON 12/03/2025**

PROMOTION OF RESEARCH IN SCIENCE AND TECHNOLOGY

†2231. SMT. ROOPKUMARI CHOUDHARY:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) the name of institutions working to promote science and technology research in Chhattisgarh;**
- (b) whether the Government is contemplating to establish a research institute of CSICR in Chhattisgarh and if so, the details thereof;**
- (c) the schemes being formulated to promote the use of science and technology in agriculture in the State; and**
- (d) the efforts being made to promote start-ups and innovation in Chhattisgarh?**

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) OF THE
MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)**

विज्ञान और प्रौद्योगिकी तथा पृथ्वी विज्ञान मंत्रालय के राज्य मंत्री (स्वतंत्र प्रभार)
(डॉ. जितेंद्र सिंह)

(a) to (b): Several Central Government Organisations including all the Departments under the Ministry are working to promote Science and Technology Research in Chhattisgarh State. The Ministry does not have any state specific plans for establishment of research institutions and various organisations promote use of Science and Technology on a Pan India basis.

(c) Council of Scientific and Industrial Research (CSIR) is implementing CSIR Aroma Mission and CSIR Floriculture Mission in Chhattisgarh State and supporting farmers and entrepreneurs in the cultivation, processing and the marketing of aroma and floriculture crops for fragrance, flavours, aroma molecules and value-added products. The details are given in Annexure – I.

(d) The Department of Science and Technology (DST) is making several efforts through its various schemes and programmes to promote Startups and Innovation in Chhattisgarh. The details are given in Annexure – II. The Department of Biotechnology (DBT) is promoting Biotechnology Research Innovation and Entrepreneurship in the country, including Chhattisgarh, through its Biotechnology Research Innovation and Entrepreneurship Development (Bio-RIDE) scheme.

CSIR Aroma Mission

- **15 training-cum-awareness programmes have been organized in Bastar and other regions of Chhattisgarh for tribal farmers in different villages to promote the cultivation and processing of medicinal and aromatic plants.**
- **Training was imparted in various aspects of aromatic crops cultivation, distillation and marketing to 814 tribal farmers, including youth and women. In Bastar region, tribal clusters have been developed for the cultivation and processing of aromatic crops in Malgaon, Deurbhal, Niliji, Bhamni and Mayurdongar.**
- **25 Lakhs slips of high yielding variety CIM-Krishna of lemongrass were distributed to tribal farmers under CSIR Aroma mission in Kondagaon and Jagdalpur districts of Baster region. Lemongrass and other aromatic crops are being cultivated in 208 hectares of land involving tribal farmers.**
- **In Chhattisgarh, more than 500 hectares area has been covered under cultivation of aromatic crops.**
- **Five improved distillation units have been installed on tribal farmer's field under CSIR Aroma Mission for on-the-farm processing/distillation of aromatic herbs to extract essential oils.**

CSIR Floriculture Mission

- **Three tribal clusters have been developed in Dantewada to promote floriculture-based entrepreneurship.**
- **Three training programs for 49 beneficiaries have been organised.**
- **50000 marigold-rooted cuttings, 100 Bixa saplings and 500 Hibiscus cuttings were distributed in Bairavband, Bhogam and Tudhparas villages.**
- **Technical support has been given to run the Biofertilizer production unit at Dantewada.**

- **A Technology Innovation Hub (TIH) has been established at Indian Institute of Technology Bhilai focusing on Financial Technologies (FinTech) under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS). The TIH aims to foster innovation and contribute to the region's technological development through a wide range of collaborative projects with various educational and research institutes like NIT Raipur, Pt. Ravishankar Shukla University Raipur, Indira Gandhi Krishi Vishwavidyalaya Raipur, Government L. C. S. PG College in Ambagarh Chowk, Government Digvijay Autonomous PG College in Rajnandgaon, AIIMS Raipur etc.**
- **IIT Ropar Technology & Innovation Foundation (iHub – AWaDH) supported under NM-ICPS is offering incubation, funding, and mentorship to Startups tackling agricultural challenges, to enhance productivity, sustainability, and foster agricultural innovation in Chhattisgarh through its Strategic Program for Research Innovation and Next-Gen Tech-Commercialisation (SPRINT) Scheme. Notable Startups supported by TIH in the state include Wisdomtree Edutech LLP, Skyka Technologies Private Limited and AGRI MATRIX INDIA PVT LTD.**
- **Indian Institute of Technology Bhilai is one of the member institutes under the Thematic Hub for Quantum Communication under the National Quantum Mission (NQM). Efforts are underway to promote Startups and innovation by strengthening the quantum technology ecosystem and providing support to entrepreneurs, researchers, and academic institutions in emerging quantum fields in Chhattisgarh State.**
- **Under the National Initiative for Developing and Harnessing Innovations (NIDHI) in 2016 for promoting S&T based Entrepreneurship and startup ecosystem, DST has established a NIDHI Technology Business Incubator (TBI) at National Institute of Technology, Raipur. 3 NIDHI iTBIs were established at Guru Ghasidas Vishwavidyalaya Bilaspur, Dr. C. V. Raman University, Kota, Bilaspur and Chhattisgarh Swami Vivekanand Technical University, Bhilai for promotion of innovation and entrepreneurship in Chhattisgarh State.**
- **To promote science and technology based research and innovation and to provide a platform to network researchers with other Institutes, National laboratories and Industry, DST has established a Technology Enabling Centre (TEC), at Guru Ghasidas Central University, Bilaspur.**
