

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH
LOK SABHA
UNSTARRED QUESTION NO. 1775
TO BE ANSWERED ON 10.12.2025

**SUPPORT OF TECHNOLOGY FOR LOCAL INDUSTRY, EDUCATION AND
SUSTAINABLE DEVELOPMENT IN U.P**

1775. SHRI KANWAR SINGH TANWAR:

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

- (a) whether the Government proposes to promote scientific research, innovation and technology development in Amroha district, Uttar Pradesh, so as to support local industry, education and sustainable development;**
- (b) if so, the details of approved research projects, developed laboratories and outcomes achieved in the district; and**
- (c) if not, the reasons therefor?**

ANSWER

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

(a) Yes Sir

(b) Department of Scientific & Industrial Research (DSIR) is operating a Central Sector Scheme called "Industrial Research Development (IRD)" comprising of Schemes BIRD-Crf and PACE (Patent Acquisition and Collaborative Research and Technology Development), A2K+ to support and promote scientific research, innovation and technology development. The schemes of the Department are not State specific. The BIRD-Crf aims to establish Common Research and Technology Development Hubs (CRTDHs) in Public Funded Institutions / research organizations to support

MSMEs undertake research and development including testing of innovative products and new technologies with a view to enhance their productivity and competitiveness. Department has supported 18 CRTDH hubs so far to promote industrial R&D and innovation dedicated for MSMEs and start-ups. PACE scheme supports collaborative research between Indian Industry and R&D organizations/ academic institutions/ universities for development and demonstration of lab scale technologies, aimed at commercialization of new products and processes. A2K+ scheme supports knowledge-sharing Events, Studies to document findings and outcomes of the research carried out on specific technological issues and adoption of new technologies by women for greater operational efficiency under the “Technology Development and Utilization Programme for Women” (TDUPW) component of the A2K+ scheme. The schemes of DSIR are implemented in project mode and call for proposals for financial support related to S&T projects are placed on the Department’s website.

Council of Scientific and Industrial Research (CSIR), an autonomous organization with DSIR, is also not operating any state-specific scheme and the CSIR laboratories with PAN India presence are supporting local Industries/MSMEs for sustainable technology development. Brief details of projects executed in Amroha District to promote scientific research, innovation, and technology development is as under:

Under CSIR-Aroma Mission, CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), Lucknow is actively promoting scientific research, innovation and technology-led development of cultivation of aromatic crops like menthol mint in Amroha district through sponsored projects. Under the initiative from 2022-2025, improved menthol mint varieties and cultivation technologies particularly variety CIM-Unnati and Early Mint Technology (EMT) were disseminated among farmers of Amroha and Sambhal. These interventions were demonstrated and adopted by more than 900 farmers on 1000 acres area, leading to significant improvement in cultivation, post-harvest technologies, oil yield, quality and overall enhancement of farm income. CSIR-Indian Institute of Toxicology Research (CSIR-IITR), Lucknow has executed a sponsored project entitled “Assessment of ground water quality through

samples collected from Piezometers and monitoring wells under Yamuna Basin, Central Ganga Basin and Ram Ganga Basin of Uttar Pradesh". This project has been funded by Ground Water Department (GWD), Government of Uttar Pradesh. Under this project 04 districts were covered under the Ram Ganga Basin of Uttar Pradesh in the year 2021, out of which one was Amroha.

Department of Biotechnology (DBT) is also promoting research and innovation through its nationwide Bio-RIDE (Biotechnology Research Innovation and Entrepreneurship Development) scheme, which is also applicable to the state of Uttar Pradesh. At present, Department of Biotechnology is not having any ongoing project in the Amroha District of Uttar Pradesh.

Anusandhan National Research Foundation (ANRF), erstwhile SERB, is a national funding agency to promote research and development and foster a culture of research and innovation in Universities, Colleges, Research Institutions and R&D laboratories throughout the country. ANRF has launched several programs like ARG, PMECRG, IRG, PAIR, MAHA EV Mission, NPDF, Ramanujan Fellowship, JC Bose Grant etc. to promote scientific research, innovation and technology development. Organization is not having any district specific programs and open calls for all the programs are announced nationwide.

(c) Does not arise

*** * * * ***