Advt.No.04/2025

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110 001

Opportunity to Lead CSIR's State-of-the-art National Laboratories/ Institutes

The Council of Scientific and Industrial Research (CSIR), established on September 26, 1942, is an autonomous R&D organization under the Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology, Government of India. For over eight decades, CSIR has remained at the forefront of scientific advancement and technological innovation, driving India's techno-socio-economic development across diverse sectors.

Today, CSIR stands as one of the world's largest publicly funded R&D organizations, comprising a robust network of 37 national laboratories, 39 outreach centres, 1 innovation complex, and 7 units spread across the country. It plays a vital role in translating scientific knowledge into real-world solutions that touch the lives of millions. CSIR's strength lies in its vibrant and multidisciplinary human resource base, with approximately 3500 active scientists, 3800 Scientific and Technical staff supported by more than 9,000 research scholars, including ~5525 pursuing Ph.D. under AcSIR. This formidable team fuels CSIR's dynamic research ecosystem, enabling it to undertake cutting-edge science and develop technologies that span from molecules to megastructures. CSIR filed about 296 Indian patents and 260 foreign patents during 2024-25. CSIR has a patent portfolio of 1,392 unique patents in force, out of which 143 patents have been commercialized. CSIR also has 954 in-force patents granted abroad in multiple countries. Amongst its peers in publicly funded research organizations globally, CSIR is a leader in filing and securing patents worldwide. CSIR is also amongst India's top contributors to global scientific literature, publishing over 5,000 peer-reviewed articles annually in reputed international journals. It also has one of the strongest IP portfolios among public research institutions, highlighting CSIR's commitment to innovation that reaches society and industry.

According to the Scimago Institutions Ranking World Report 2025, CSIR is ranked 74th among 2123 government institutions worldwide and is the only Indian organization among the top 100 global government institutions. Further, CSIR holds the 7th rank in research and the 4th rank in the societal category in Asia among 636 government organizations. CSIR leads the country in the 1st position in overall research and societal categories among government institutions. CSIR has ushered India into a knowledge economy while grooming and nurturing talent in various streams of Science and Technology. CSIR has the distinction of having the Hon'ble Prime Minister of India as the President of its Society. CSIR, over the period, has developed numerous technologies and is presently working on various cutting-edge technological fronts to lead the nation to its dream of Atma Nirbhar Bharat.

CSIR is looking for outstanding R&D professionals to head its prestigious National Laboratories/ Institutes. This advertisement is for the positions of Director of CSIR-Central Salt and Marine Chemicals Research Institute (CSIR-CSMCRI), Bhavnagar and CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), Lucknow in level 15 of Pay Matrix (Rs.1,82,200- 2,24,100) with allowances as admissible. The details are as shown below:

Chemical Sciences

CSIR-Central Salt & Marine Chemicals Research Institute (CSIR-CSMCRI), Bhavnagar, is a leading laboratory under the Council of Scientific and Industrial Research (CSIR) and was inaugurated by Prime Minister Jawaharlal Nehru on April 10, 1954. It serves as India's foremost center for research in salt, marine chemistry, environmental science, and green chemistry.

CSMCRI is renowned for its Process Design & Engineering Division, which has developed innovative waste-to-wealth technologies. These include a commercial 60 KLPD plant for potash recovery from distillery effluents, textile dye effluent remediation, carbonate and sulfate separations, and processes for producing iodine-fortified table salt. The Institute has delivered several pioneering technologies such as domestic electrodialysis desalination systems, innovative iodizing agents, low-sodium salt alternatives, and polymer–graphite composite electrodes.

CSMCRI's collaborative efforts and applied research have translated into technologies with societal and industrial relevance. The institute's Applied Phycology & Biotechnology Division leads the country in sustainable seaweed cultivation, particularly *Kappaphycus alvarezii*, and its transformation into bio-stimulants, carrageenan, and animal feed. This research has resulted in crop improvements of 11–37% across 20 states, contributing to the economic upliftment of coastal communities.

CSMCRI is also engaged in providing environmental solutions, such as decentralized sewage-treatment wetlands, and offers extensive training programs on microalgal diversity and biotechnological applications. Through its combination of applied research, technology transfer, and community development, CSIR–CSMCRI continues to promote sustainable innovation, enhance coastal livelihoods, and make a significant national impact.

For more details about the Institute, visit http://www.csmcri.org

Biological Sciences

CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), Lucknow is a premier national institute dedicated to comprehensive R&D in the field of medicinal and aromatic plants (MAPs). As a unique institution, CSIR-CIMAP undertakes end-to-end research and innovation, ranging from genetic improvement and varietal development to advanced agro-technologies and value-added product formulations. The institute has successfully developed and disseminated numerous high-yielding plant varieties and cultivation protocols tailored for diverse agro-climatic zones. It also pioneers technologies related to essential oils, natural dyes, gums, and other bioactive products, enhancing the economic value and global positioning of India's MAP sector. The multidisciplinary research ecosystem at CSIR-CIMAP integrates expertise in agronomy, soil science, plant biotechnology, molecular bio-prospection, crop protection, genetics and plant breeding, and medicinal chemistry. A strong portfolio of national and international patents substantiates these efforts. In addition to its research achievements, CSIR-CIMAP has made significant contributions to human resource development by training farmers, entrepreneurs, and industry professionals. This capacity-building initiative has helped foster a skilled and informed national resource base for the sustainable growth of the MAP-based bio-economy.

For more details about the institute, visit http://www.cimap.res.in

Qualifications, Experience and Age: -

Essential Qualifications:

Chemical Sciences: Ph.D. in Natural Science or Master's degree in Engineering (for Engineering, Ph.D. is desirable).
Biological Sciences: Ph.D. in Natural Sciences or Masters degree in Engineering/Health/Medical Sciences (for Engineering, Ph.D. is desirable)

Age: 45 years or above but not exceeding 56 years.

Experience: At least 16 years of experience in Research and Development (with focus on translational research) in the areas of activities of the laboratory/Institutes/Centre and demonstrated excellence in leadership therein.

Years of experience shall be computed from the beginning of candidate's research career.

Relaxation: The qualifications, age and experience can be relaxed in case of exceptionally meritorious candidates with the approval of DG, CSIR.

Candidate: Should be creative, innovative and a well-recognized scientist/technologist having a demonstrated ability to manage multidisciplinary R&D teams with excellent interpersonal relations. The candidate should have made significant contributions in terms of technology development apart from creation of IP and publications. He/ She should be able to create a conducive environment for nurturing high class research and development.

Responsibilities: The Director shall supervise and exercise administrative control on the staff of the Institute and shall be responsible for (i) realizing the mission of the Institute,and (ii) creating an environment conducive to nurture innovation and high class R&D and other S&T activities of the Laboratory/Institute in keeping with societal/industrial priorities.

Appointment: The appointment to the post of Director will be made for a tenure of six years or till superannuation, whichever is earlier, in level 15 of Pay Matrix (Rs.1,82,200- 2,24,100) with allowances as admissible. The tenure period will be renewable only in exceptional cases. Director can be considered for absorption/placement in CSIR as Director's Grade Scientist i.e. Scientist 'H'/Outstanding Scientist, as per rules.

Benefits: The provision to share money realized from external contract R&D, consultancy and rendering of S&T services is also available as per extant rules. Residential accommodation and transport are provided as per rules. In addition, medical and other facilities are provided as per CSIR rules.

How to apply: The application/nomination for the post with detailed bio-data highlighting scientific and translational contributions in details along with list of publications/patents etc. may be sent through email on email ID **drc.hqrs@csir.res.in** or by post to Director Recruitment Cell, Council of Scientific and Industrial Research (CSIR), Anusandhan Bhawan, 2, Rafi Marg, New Delhi-110001. A brief bio-data in the proforma given below may also be sent. The last date of the receipt of applications is **20th September, 2025**.

Format for Bio-Data

1. Name of the Laboratory applied/nominated for:
2. Name:
3. Date of Birth:
4. Current Position and Address:
5. Educational Qualification:
6.