



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

Established in 1942, the Council of Scientific and Industrial Research (CSIR) is an autonomous Society whose President is the Prime Minister of India. CSIR today is globally benchmarked and is amongst the foremost and largest publicly funded scientific and industrial research organizations in the world. It delivers cutting edge science on one hand and state-of-art technology on the other. In doing so, the focus is on providing interventions to benefit society, transferring technology to industry so as to enhance national competitiveness, providing technological support to the strategic sectors, catalysing S&T based entrepreneurship and building a sustainable ecosystem for the S&T based Human Resources Development including Skill Development.

Working with the vision to: "Pursue science which strives for global impact, technology that enables innovation-driven industry and nurture trans-disciplinary leadership thereby catalyzing inclusive economic development for the people of India", CSIR is granted 90% of US patents granted to any Indian publicly funded R&D organization. About 13.8% of CSIR patents are licensed. CSIR holds about 4000 Indian and Foreign patents. CSIR publishes over 5000 papers in SCI journals every year & about 500 students get their Ph.D. annually from its Institutions. The expertise and experience of CSIR is embodied in its more than 3500 Scientists and about 5000 technical support personnel apart from about 8000 JRF/SRF/RA and project staff.

Dynamic network of CSIR has 37 state-of-the-art national Laboratories/Institutes and their outreach centres. In order to harness multidisciplinary talent and infrastructure for solving specific challenges in identified sectors, the activities of CSIR are strategically driven by 8 Theme Directorates. These are: Aerospace, Electronics & Instrumentation and Strategic Sectors; Civil infrastructure & Engineering; Ecology, Environment, Earth & Ocean Sciences and Water; Mining, Minerals, Metals and Materials; Chemical (including leather) and Petrochemicals; Energy (conventional and non-conventional) and Energy devices; Agri, Nutrition and Biotech; and Healthcare.

CSIR is looking for outstanding R&D professionals to head its prestigious National Laboratories/Institutes. This advertisement is for the position of DIRECTOR of CSIR-Institute of Microbial Technology (CSIR-IMTech), Chandigarh, CSIR-Indian Institute of Chemical Biology (CSIR-IICB), Kolkata and CSIR-Central Salt & Marine Chemicals Research Institute (CSIR-CSMCRI), Bhavnagar in Level 15 (Rs.1,82,200-2,24,100) of pay-matrix plus allowances as applicable in CSIR. The details are as shown below:

Biological Sciences:

CSIR-Institute of Microbial Technology (CSIR-IMTech), Chandigarh, has been contributing significantly in the domain of microbial technology, thrombolytics and protein science and engineering. It has established world class R&D laboratories and desired ambience for its team to perform. CSIR-IMTech activities are focused at molecular biology, microbial genetics, immunology, fermentation technology, applied microbiology and animal cell/tissue culture. The Institute has cutting edge R&D expertise in the areas of: cloning & expression of recombinant / engineered proteins & their scale-up; understanding/manipulating proteins and their engineering; molecular microbiology of pathogens especially with respect to drug resistance & vaccine development; immunology of infectious diseases; yeast genetics; microorganisms for novel enzymatic activities and strain improvement; bioinformatics & high end computational biology etc. The Institute has developed and commercialized some game changing technologies over the years, in particular for clotbusters. CSIR-IMTech's role in Human Resource Development is noteworthy.

For more details about the Institute, visit <http://www.imtech.res.in>

CSIR-Indian Institute of Chemical Biology (CSIR-IICB), Kolkata, is acclaimed nationally and internationally for its high quality science outputs. The Institute is engaged in research on diseases of national importance and biological problems of global interest, employing sophisticated state-of-the-art technology in keeping with the rapid and unprecedented momentum that life sciences research has gained globally. CSIR-IICB is one of the major laboratories in India which initiated, right from its inception, multidisciplinary concerted efforts for conducting basic research on infectious diseases, specifically leishmaniasis and cholera, along with the development of technologies for the diagnosis, immunoprophylaxis, and chemotherapy of the diseases. The R&D programmes and activities of CSIR-IICB relate to cell biology & physiology, cancer biology & inflammatory disorders, synthetic, natural products chemistry, infectious diseases & immunology, cellular physiology, human genetics & genomics, drugs and diagnostics development. The Institute has played a pivotal role in developing next generation Human Resource in its areas of operation.

For more details about the Institute, visit <http://www.iicb.res.in>

Chemical Sciences:

CSIR-Central Salt & Marine Chemicals Research Institute (CSIR-CSMCRI), Bhavnagar, is a premier Institute of CSIR with a mission to work in partnership with industry and other stakeholders to generate knowledge, develop and commercialize technology – and create and deploy innovations required for efficient utilization of India's coastal wasteland, sea water, marine algae, solar power and silicates. In achieving it, the Institute harnesses its capabilities in biosciences, chemical transformation, process engineering, environmental monitoring, separation science and analysis to address focused needs of industry. The R&D activities of CSIR-CSMCRI cover the domains of salt & marine chemicals, inorganic materials & catalysis, electro membrane processes, marine biotechnology & ecology, reverse osmosis engineering (focused at membrane technologies for desalination and water purification), waste land research etc. Achieving technological excellence, the Institute has been granted several patents, commercialized landmark technologies

and it has been playing a key role in Human Resource Development in the domains of its operation. CSIR-CSMCRI has in place state of the art R&D facilities. The Institute has played a significant role over the year in Human Resource Development and training of salt workers, people living in coastal areas and industry personnel so as to create desired national resource base.

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

Qualifications, Experience and Age:-

Essential Qualifications: Ph.D. in Natural Sciences or Master's Degree in Engineering/Health/ Medical Sciences. (for Engineering/Health/Medical Sciences, 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 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 nurturing 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) (pre-revised HAG pay scale of Rs 67,000-79,000) 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, LTC 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 alongwith list of publications/patents etc. may be sent separately for each post through email or by post to Director General, 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 **31.08.2019**. Fax: 011-23710618 email: dgcsir@csir.res.in or dg@csir.res.in

Format for Bio-Data

1. Name:
2. Date of Birth:
3. Current Position and Address:

4. Educational Qualification:

Sl. No.	Degree/Certificate	Year of Passing	University/Institute	Subjects

5. Academic/Research Experience/Employment

Sl. No	From	To	Name of Organization	Position held

6. Areas of Specialization:
7. Honors/Awards/Recognitions received:
8. Professional Affiliations:
9.
 - *(a) List of Research Publications including popular articles, if any;
 - (b) List of best professional outputs/outcomes in last 10 years, relevant to present field of specialization;
 - (c) Highlights of contributions to the area of specialization.
- 10.* Number of Books authored/edited:
- 11.* (a) Number of Patents/Copy rights/Trade Mark/IPR granted/applied for & highlights of translational research contributions:
 - (b) Technologies developed, Licensed and/or commercialized with details.
12. Dissertations supervised:
 - (a) Ph.D.
 - (b) Post-Graduation
13. 1-2 page summary of vision as Leader of CSIR-CEERI/CSIR-CLRI/CSIR-CIMAP.
14. List of 5 professional referees of high repute with whom candidate has interacted in the past; (letters of commendation may also be attached):

Signature of the Applicant

Date:

Place:

* Details may be enclosed separately