



**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 is globally benchmarked today and has been ranked 9<sup>th</sup> in the world amongst the 1207 Government institutions according to the SCImago Institutions ranking World Report 2017 with an overall global ranking of 75 in the world, covering 5250 institutions. In the Asiatic region, CSIR ranks at 14 overall out of 1431 entities, and at No 3 among 284 Government-funded research bodies, with only Chinese Academy of Sciences and Japan Science and Technology Agency ahead of the Council. Pioneer of India's intellectual property movement, 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 4500 Indian and Foreign patents. CSIR publishes over 5700 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 3600 Scientists and about 5500 technical support personnel apart from about 8500 JRF/SRF/RA and project staff.

CSIR has, over the years, played a pivotal role in meeting the Science & Technology needs of the country. It has a dynamic network of 37 state-of-the-art national Laboratories/Institutes and their extension/outreach Centres. CSIR's Vision is to: "Pursue science which strives for global impact, technology that enables innovation-driven industry and nurture trans-disciplinary leadership thereby catalysing inclusive economic development for the people of India". The focus is on providing Science & Technology interventions to benefit society, developing and transferring cutting edge technologies to industry to enhance national competitiveness, providing technology support to the strategic sector, catalysing S&T based entrepreneurship and building a sustainable ecosystem for S&T based Human Resources development including Skill Development.

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-Central Electronics Engineering Research Institute (CSIR-CEERI), Pilani, CSIR-Central Leather Research Institute (CSIR-CLRI), Chennai and CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), Lucknow 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:

**Physical Sciences**

**CSIR-Central Electronics Engineering Research Institute (CSIR-CEERI), Pilani** is a multidisciplinary Institute carrying out R&D inter-alia in Cyber Physical Systems (cognitive computing, IoT; signal analytics; control and automation; power electronics; and integrated systems); Smart Sensors (process technologies, advanced packaging; nano bio sensors; transducers and actuators; optoelectronics and MOEMs; and flexible and non-silicon electronics); and Microwave Devices (beam dynamics; beam wave interaction; device technologies; and vacuum microelectronic devices). The institute has developed and commercialized several technologies over the years and has helped industry to create desired product/technological niches. The role of CSIR-CEERI for human resource development, in its areas of operation has been pivotal.

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

## Chemical Sciences

**CSIR-Central Leather Research Institute (CSIR-CLRI), Chennai** has had been contributing significantly for the development and positioning of leather industry in the country. It pursues R&D in diverse areas relating to leather and leather technology including leather chemicals, enzymatic products, environmental technology, leather processing, leather products etc. involving cutting edge use of chemical, biological, and engineering sciences. CSIR-CLRI provides education and training in leather and allied sciences at national and international levels. It's knowledgebase and services to leather industry are recognized globally. CSIR-CLRI is a leader in developing the leather products, leather auxiliaries, leather goods, leather-based articles and foot wears. The institute has developed a number of technologies which have been gainfully commercialized. It carries out fundamental and applied research on hides, skins, collagens and tanning agents. The institute has made significant contributions in cleaner leather processing through deployment of desired technological interventions. Further, it has played a significant role in the human resource development for this area of economic and societal importance. CSIR-CLRI conducts B.Tech. & M.Tech. (Footwear Science and Engineering) courses and its scientists guide Ph.D. in Leather Technology and in basic sciences.

For more details about the institute, visit <http://www.clri.org>

## Biological Sciences:

**CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), Lucknow** is a unique institution involved in end to end R&D for medicinal and aromatic plants. It has developed and deployed several varieties and agrotechnologies of these plants including several products to create desired value addition and global positioning. The major R&D areas of the institute related to the domain include genetic improvement of existing plants/ varieties and development of new varieties and agro technologies for cultivation and technology for essential oils, dyes and gums and value-added products. In doing so, the CSIR-CIMAP covers several research areas including agronomy, soil science, plant biotechnology, molecular bioprospection, crop protection, genetics and plant breeding and medicinal chemistry. CIMAP has several national and international patents to its credit. The institute has played a significant role over the years in human resource development and training of farmers and industry personnel so as to create desired national resource base.

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

## **Qualifications, Experience and Age:-**

### **Essential Qualifications:**

1. **Physical Sciences:** Ph.D. in Natural Science or Master's Degree in Engineering (for Engineering, Ph.D. is desirable)
2. **Chemical Sciences:** Ph.D. in Natural Science or Master's Degree in Engineering (for Engineering, Ph.D. is desirable).
3. **Biological Sciences:** 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 monies 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 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 **31.05.2019**. Fax: 011-23710618 email: [dqcsir@csir.res.in](mailto:dqcsir@csir.res.in) or [dq@csir.res.in](mailto:dq@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:

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\* Details may be enclosed separately