



**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 amongst the leading publicly funded scientific and industrial research organizations in the world. CSIR has over the years played a pivotal role in meeting the Science & Technology needs of the country. CSIR 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 the 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.

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 is looking for outstanding R&D professional to head its prestigious National Laboratories/Institutes. This advertisement is for the position of DIRECTOR of CSIR-Institute of Minerals and Materials Technology (CSIR-IMMT), Bhubaneswar and CSIR-Central Drug Research Institute (CSIR-CDRI), Lucknow. The details are as shown below:

**Engineering Sciences**

**CSIR-Institute of Minerals and Materials Technology (CSIR-IMMT), Bhubaneswar** is a premier research institute in the areas of minerals engineering and materials technology. The institute has expertise in conducting basic research and technology development in a wide range of areas to ensure a sustainable growth of the mining, mineral and metals industries. For the last one decade, main thrust of R&D at CSIR-IMMT has been to assist the Indian industries to meet the challenges of globalization by providing advanced and zero waste process know-how and consultancy services for commercial exploitation of natural resources.

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

## Biological Sciences

**CSIR-Central Drug Research Institute(CSIR-CDRI), Lucknow** is a premier state of the art research institute of CSIR in the field of biomedical research where facilities and expertise are available to develop a drug right from its concept to market. Over the years, CSIR-CDRI has spearheaded drug R&D in the country and has to its credit development of several new drugs and over 10,000 research publications. Hitherto, it has been a prime provider of human resources for drug R&D. The Institute has produced over 1500 Ph.Ds, many of whom hold prestigious positions in R&D organizations, academia and pharma industries, in India and abroad. The institute has shifted recently to a new world class campus.

For more details about the Institute, visit [www.cdri.res.in](http://www.cdri.res.in)

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

#### **Engineering Sciences:**

- 1) **Essential Qualification:** Master's Degree in Engineering
- 2) **Desirable qualification:** Ph.D. in Engineering.

#### **Biological Sciences:**

- 1) **Essential Qualification:** Ph.D. in Natural Sciences or Master's Degree in Health/Medical Sciences
- 2) **Desirable qualification:** Ph.D. in Health/Medical Sciences.

**Age:** 45 years or above but not exceeding 58 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.182200-224100) (pre-revised HAG pay scale of Rs 67,000-79,000) with allowances as admissible. In deserving cases, the tenure period can be extended by another term upto six years or till the age of superannuation whichever is earlier as per rules. 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 each post with detailed bio-data highlighting scientific and translational contributions in details alongwith list of publications/patents etc. may be sent separately 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 **31.05.2017**. Fax: 011-23710618 email: [dgcsir@csir.res.in](mailto:dgcsir@csir.res.in) or [dg@csir.res.in](mailto:dg@csir.res.in)

(I)

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. Area of Specialization:
7. Honors/Awards received:
8. Professional Affiliations:
9. \* (a) List of Research Publications;  
(b) List of best 5 publications in last 10 years;  
(c) Highlights of scientific contributions:
- 10.\* Number of Books authored/edited:
- 11.\* (a) Number of Patents 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. A 1-2 page summary of vision as Leader of the CSIR Institution
14. List and address/phone/email etc. of at least five professional referees familiar with candidate's contributions who can be referenced for candidate's qualities & potential.

Signature of the Applicant

Date:  
Place:

\* Details may be enclosed separately

(II)

Format for indicating R&D and Innovation Output of the candidate  
(Fill rows/columns that are applicable)

Post Applied for :

Name & present designation :

Organisation :

### Research, Development and Innovation Output of the Candidate

#### A. Technology(ies) and Product(s)/ Service(s):

A.1 Developed A.2 Licensed A.3 Commercialized A.4 New entrepreneurs developed

A.5 Impact of technologies commercialized in terms of:

Sl.No.	Market Share	Industrial turn over catalyzed	Employment created	Societal income created	Royalties and income created for the employers

A.6 Comparison of the technologies commercialized vis-à-vis globally competing technologies in the same space:

B. **Licensing of Patents:** Filed Granted Licensed

B.1 National

B.2 International

C. **Skill Development:**

C.1 Areas covered

C.2 No. of people

D. **Socio-economic Interventions:**

No. of technology(ies) deployed

E. **Extension activities:**

E.1 Village adoption & upgradation

E.2 Unique rural problem solving

E.3 Micro entrepreneurs - Setting up - Skill based training - Skill upgradation

E.4 Social responsibility in serving the community/ city/ surroundings (e.g. Environment protection, education, cleanliness, health and hygiene, social work, community service activities, any other socially desirable activity)

F. **Design(s) and Prototype(s) Developed :**

G. **Role in National Innovation System (NIS) :**

H. **Contributions to India's Strategic Sector:**

- I. Size of the research and development team managed for the last 5 years in man years:
- J. Honours and awards won for technological contributions or sociological impact of R&D:
- K. Institutional share of non-budgetary resources mobilized during the last 5 years:
- L. Any other achievement/information

Signature