



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 foremost and largest publicly funded scientific and industrial research organizations in the world. It delivers cutting edge science on one hand and state-of-the-art technology on the other. In doing so, focus is on translational research. CSIR has a dynamic network of 37 state-of-the-art national Laboratories/ Institutes, 6 Units, 3 Innovation Complexes and 38 Centres. CSIR has put in place CSIR@80: Vision & Strategy 2022 - New CSIR for New India. 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".

CSIR has played over the years, a pivotal role for advancement of science and technology covering diverse domains. It has spawned many organizations, many disciplines and most importantly has served as a nursery and training ground for most of India's distinguished scientists and technologists. CSIR has ushered India into the knowledge economy, by contributing to public, private, strategic and societal goods on one hand and creating and nurturing talent in science, innovation and technology on the other. 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, a number which is much above the global average. CSIR holds about 4500 Indian and Foreign patents. CSIR publishes yearly over 5700 papers in SCI journals & about 500 students get their Ph.D. annually from its institutions. The expertise and experience of CSIR is embodied in its more than 3800 Scientists and 8000 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 Metallurgical Laboratory (CSIR-NML), Jamshedpur. The details are as shown below:

Engineering Sciences

CSIR-National Metallurgical Laboratory(CSIR-NML), Jamshedpur It is an ISO 9001 certified laboratory having major programmes related to research and technology development, and provides technology transfer, consultancy, scientific and technical services in the areas of minerals, metals, materials and extractive metallurgy of relevance especially to Indian economy and for mitigating environmental problems related to three industries.

For more details about the institute, visit www.nmlindia.org

Essential Qualifications: Master's Degree in Engineering (Ph.D. in Engineering is desirable)

Age: 45 years or above but not exceeding 58 years.

Experience: 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 staffs of the Institute and shall be responsible for (i) realizing the mission of the Institute, and (ii) creating an environment in the Institute conducive to nurturing of 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 the pay scale of Rs 67,000 (annual increment @ 3%)-79,000 (HAG) 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.

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:

Interested candidates may kindly send brief bio-data in the proforma given below for preparation of synopsis. The application for the post with detailed bio-data along with list of publications/patents etc. may also be sent through email or by post to Director General, Council of Scientific and Industrial Research (CSIR), Anusandhan Bhawan, 2, Rafi Marg, New Delhi-110001. The last date of the receipt of applications is **31.03.2016**. Fax: 011-23710618 email: dgcsir@csir.res.in or 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) Number of Research Publications:
(b) List of best 5 publications in last 10 years:
- 10.* Number of Books authored/edited:
- 11.* (a) Number of Patents granted/applied for
(b) Technologies developed, Licensed and/or commercialized.
- 12. Dissertations supervised:
(a) Ph.D.
(b) Post-Graduation

Signature of the Applicant

Date:
Place:

* Details may be enclosed separately

(II)

Format for indicating R&D and Innovation Output of the candidate

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. Assistance in technological terms to civic agencies for -**
- Cleanliness of cities :
 - Education delivery in schools :
 - Maintaining hygiene :
- H. Role in National Innovation System (NIS) :**
- I Contributions to India's Strategic Sector:**
- J. Size of the research and development team managed for the last 5 years in man years:**
- K. Honours and awards won for technological contributions or sociological impact of R&D:**
- L. Institutional share of non-budgetary resources mobilized during the last 5 years:**
- M. Any other achievement/information**

Signature