



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 3500 Scientists and 7000 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-National Institute of Oceanography (CSIR-NIO), Goa and CSIR-Institute of Genomics and Integrative Biology (CSIR-IGIB), New Delhi, CSIR-Advanced Materials and Processes Research Institute (CSIR-AMPRI), Bhopal, and one position of Outstanding Scientist (Scientist 'H') at CSIR Unit for Research and Development of Information Products (URDIP), Pune. The details are as shown below:

Physical Sciences

CSIR- National Institute of Oceanography (CSIR-NIO), Goa is a unique institution, pursuing Research and Development activities in the field of oceanography. It's major activities cover domains of physical, chemical, biological, geological, geophysical, engineering and pollution aspects of the seas around India. CSIR-NIO has contributed significantly for the development of knowledgebase for sea exploration and evaluation. CSIR-NIO has three outreach centres located at Kochi, Mumbai and Visakhapatnam.

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

Biological Sciences

CSIR-Institute of Genomics and Integrative Biology (CSIR-IGIB), Delhi is engaged in R&D in Genomics, Molecular Medicine, Bioinformatics and Proteomics including Chemical & Systems Biology; Respiratory Disease Biology; Genome Informatics and Structural Biology; Energy and Environmental Biotechnology; and Ayurgenomics by collaborating with medical

institutes, universities and industries of high scientific impact leading to technological developments and services relevant to the society.

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

Engineering Sciences

CSIR-Advanced Materials and Processes Research Institute (CSIR-AMPRI), Bhopal's major R&D programmes cover the domains of advance materials including metal-matrix composites, metal and polymer foams, light weight metals, waste to wealth, low-cost/alternative building materials and components, mineral beneficiation, tribology and ground water resources planning and management.

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

Information Sciences

CSIR-Unit for Research and Development of Information Products (URDIP), Pune: URDIP is a specialized service unit of CSIR, which has made its name in mapping domain specific information and developing value added products thereof in electronic, online and web based formats. It is involved in the pre-research and pre-development phase, including patent analysis and knowledge mapping, of various S&T driven national programmes of CSIR and other science agencies including several national and multinational companies. Its customer base boasts of a number of most venerable companies in private sector which generates a large revenue for this Unit. URDIP is also developing number of subject specific information services and deploys information and communication technologies to expand the reach. URDIP has the vision to create e-knowledge markets for innovation and technical services by doing value addition to CSIR knowledge base. It is well equipped with modern computing environment and has access to a large number of databases.

For more details about URDIP please visit <http://www.urdip.res.in>

(A) For the positions of Director

Essential Qualifications:

Physical Sciences: Ph.D. in Natural Science or Master's Degree in Engineering (for Engineering, Ph.D. is desirable).

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

Engineering Sciences: 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 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 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. 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.

(B) For the position of Outstanding Scientist (Scientist 'H') in Information Sciences:

Essential Qualifications: Ph.D. in any branch of Science or Master's Degree in Engineering.

Desirable Qualifications/Recognition:

- (i) For Engineering, Ph.D. is desirable.
- (ii) National/International recognition like Awards, Fellowships of Academies, Visiting Fellow/Professor

Experience:

- (i) Minimum 16 years of experience in Research and Development in the National/International R&D/Academic Laboratory/Institution including Corporate R&D.
- (ii) Should hold a position at Scientist F/G/Professor level in Govt./Statutory/Autonomous institutions (in Pay Band-4 with Grade Pay of Rs 8900/- or above) or equivalent in Non-Govt./ Private Institution/ Organization with outstanding academic records.

Age: Minimum 45 years.

The applicant must be citizen of India.

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 leadership and man-management qualities and to manage multidisciplinary R&D teams with excellent interpersonal relations.

Appointment: The appointment to the post of Outstanding Scientist(Scientist 'H') shall be made for a period of five 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 can be extended as per rules. For those who are in CSIR service, the term shall be till superannuation.

How to apply:

The application for each post with detailed bio-data along with 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 for preparation of synopsis. The last date of the receipt of applications is **10.02.2017**. 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. 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