



COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110 001

CSIR is looking for Director, CSIR- Central Mechanical Engineering Research Institute (CSIR-CMERI), Durgapur; CSIR- Institute of Genomics and Integrative Biology (CSIR-IGIB), Delhi; CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST), Thiruvananthapuram; CSIR-National Aerospace Laboratories (CSIR-NAL), Bengaluru; and CSIR-National Geophysical Research Institute (CSIR-NGRI), Hyderabad.

Council of Scientific and Industrial Research (CSIR) established in 1942, is an Autonomous Society under the Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology. CSIR is a premier R&D organization in the country and has been contributing to the techno-socio-economic development through its varied S, T & I interventions since its inception. With 36 state-of-the-art constituent laboratories, today CSIR is amongst the largest publicly funded innovative scientific and research organizations in the world. CSIR expertise and experience is embodied in its nearly 3,500 Scientists and 4,400 scientific and technical support personnel apart from about 9,000 JRF/SRF/RA and project staff. CSIR publishes more than 5,000 papers annually in peer reviewed International journals (SCI). CSIR has a patent portfolio of 1,315 unique patents in force, out of which 184 patents have been commercialized. CSIR also has 2,372 in force patents granted abroad in multiple countries. CSIR is ranked 37th among 1587 government institutions worldwide and is the only Indian organization among the top 100 global government institutions, according to the Scimago Institutions Ranking World Report 2021, CSIR holds the 7th rank in Asia and leads the country at the 1st position. CSIR has ushered India into knowledge economy while grooming and nurturing talent in various streams of Science and Technology. CSIR has the distinction of having the Hon'ble Prime Minister of India as the President of its Society.

CSIR invites applications/nominations for coveted position of Director, CSIR-Central Mechanical Engineering Research Institute (CSIR-CMERI), Durgapur; CSIR-Institute of Genomics and Integrative Biology (CSIR-IGIB), Delhi; CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST), Thiruvananthapuram; CSIR-National Aerospace Laboratories (CSIR-NAL), Bengaluru; and CSIR-National Geophysical Research Institute (CSIR-NGRI), Hyderabad, in order to participate and contribute in conceived vision and mission of CSIR which includes providing S,T&I leadership for sustainable development of the country encompassing economic growth with environment and societal benefits.

- 1. CSIR-Central Mechanical Engineering Research Institute (CSIR-CMERI), Durgapur** is the apex R&D institute engaged in the research and development of cost-effective and value-added technologies in mechanical engineering and allied domains. The said institute is carrying out R&D in the field of robotics &

mechatronics, embedded systems & electronics, micro-systems technologies, advanced materials processing, energy & process plant, industrial & farm machinery and manufacturing technologies. The institute has developed affordable water purification solutions (domestic, mid-range and community-level), decentralized municipal solid and liquid waste management technology, pandemic resilience solutions, solar trees & harvest and post-harvest technologies. It also provides technical and consultancy services to various user organizations across the country. CSIR-CMERI offers several training and skill development programmes designed to suit the requirement of different target groups. CMERI has to its credit the design and development of Swaraj, Sonalika and Krishi Shakti tractors and India Mark II pump.

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

- 2. CSIR-Institute of Genomics and Integrative Biology (CSIR-IGIB), Delhi** is a premier Institute of Council of Scientific and Industrial Research (CSIR), engaged in R&D in Genomics & genome sequencing, 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. CSIR-IGIB is a part to INSACOG consortium and played a critical role in genomic surveillance in the country. The institute has also developed FELUDA (FNCS9 Editor-Linked Uniform Detection Assay) Kit for COVID-19 diagnostic. CSIR-IGIB has strong linkages with the stakeholders nationally and internationally.

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

- 3. CSIR- National Institute for Interdisciplinary Science and Technology (CSIR-NIIST), Thiruvananthapuram:** The mandate of the Institute is to conduct R&D programmes in focused areas related to Agro-processing and technology, Chemical Sciences and technology, Materials Science and Technology, Microbial processes & technology, Environmental Technology. It is a multi-disciplinary R&D laboratory. The institute has set up pilot plant facilities for research training and process/product development in the areas of spices and oilseeds. The institute is also engaged in Human Resource Development by training post graduate/graduate students. CSIR-NIIST has several national and International linkages bonded through R&D, Academic and industry chains. The Laboratory has many high impact publications, potential patents and number of technology transfers to its credit.

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

- 4. CSIR-National Aerospace Laboratories (CSIR-NAL), Bengaluru** is a premier R&D and a highly technology oriented institution focusing on advanced disciplines in aerospace. The core competencies of CSIR-NAL spans practically the whole aerospace S&T domain. The major core areas are: Civil aircraft design and development, Flight mechanics and control, Advanced composites, Aerospace materials, Failure analysis and Accident investigations, Aerospace electronics and



systems, Airport instrumentation, Wind Energy and Metrological Modeling etc. The laboratory has advanced test facilities like wind tunnel, autoclave, acoustical tests etc. The laboratory has successfully developed trainer aircraft - HANSA and Drishti Transmissometer- A runway visibility measuring system which is installed in different airports of the country. CSIR-NAL is currently involved in development of a 19 pax light transport aircraft and is part of Regional Transport Development programme. The laboratory is also involved in the development of Unmanned Aerial Vehicles (UAV) and Drones. CSIR-NAL has contributed significantly over the years for the advancement of Aerospace R&D in the country and creation of aerospace ecosystem.

For more details about the Laboratory, visit <https://www.nal.res.in>

- 5. CSIR- National Geophysical Research Institute (CSIR-NGRI), Hyderabad** is a premier institute with the mission to carry out research in multidisciplinary areas of the highly complex structure and processes of the Earth system and its extensively interlinked subsystems. The Institute has expertise in a variety of geophysical, geochemical, geological techniques like Seismology, Magnetotellurics, Paleoseismology, Structural geology, Controlled source seismic, Gravity and Magnetics, Geochemistry, Geochronology, Paleomagnetism, Planetary geology, Geomagnetism, Shallow subsurface and Airborne geophysics and Rock Mechanics, Hydrochemistry, Modelling and simulation of Earth processes. The Institute is known for heliborne surveys for geophysical investigations for mineral and ground water exploration and aquifer mapping. The Institute regularly conducts skill development programmes on ground water exploration, seismological data analysis, analytical geochemical techniques etc.

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

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/Institutes/Centre 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 nurture 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 through email on email ID **drc@csir.res.in** or by post to Director Recruitment Cell, 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 **30.04.2022**.

Format for Bio-Data

1. Name of the Laboratory applied/nominated for:
2. Name:
3. Date of Birth:
4. Current Position and Address:
5. Educational Qualification:
- 6.

	Degree/Certificate	Year of Passing	University/Institute	Subjects

7. Academic/Research Experience/Employment

	From	To	Name of Organization	Position held



8. Areas of Specialization:
9. Honors/Awards/Recognitions received:
10. Professional Affiliations:
11. *(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.
12. * Number of Books authored/edited:
13. * (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.
14. Dissertations supervised:
 - (a) Ph.D.
 - (b) Post-Graduation
15. 1-2 page summary of vision as Leader of CSIR-CMERI/IGIB/NIIST/NAL/NGRI
16. List of 5 professional referees of high repute with whom candidate has interacted in the past

I hereby declare that all the information mentioned above is true to the best of my knowledge.

Signature of the Applicant

Date:

Place:

* Details may be enclosed separately



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