



**COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH**  
**Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110 001**

**CSIR is looking for Director, CSIR- Fourth Paradigm Institute (CSIR- 4PI), Bengaluru**

Council of Scientific and Industrial Research (CSIR) established in 1942, is an autonomous R&D organization under the Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology. Being a premier R&D organization of the country, CSIR has been contributing to the techno-socio-economic development through its varied S&T and Innovation-based interventions since its inception. With 37 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 4,000 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). Presently, CSIR has a patent portfolio of 1,234 unique patents in force in India, out of which 263 patents/patent applications have been licensed/assigned to industry. CSIR also has 1,365 in-force patents granted abroad in multiple countries.

According to the Scimago Institutions Ranking World Report 2023, CSIR is ranked 61<sup>st</sup> among 1747 government institutions worldwide and is the only Indian organization among the top 100 global government institutions. Further, CSIR holds 7<sup>th</sup> rank in research and 4<sup>th</sup> rank in societal category in Asia among 384 government organizations. CSIR leads the country at the 1<sup>st</sup> position in overall research and societal categories among government institutions. CSIR has ushered India into a 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, over the period has developed numerous technologies and is presently working on various cutting-edge technological fronts to lead the nation for its dream of Atma Nirbhar Bharat.

CSIR invites applications/nominations for coveted position of Director, CSIR-Fourth Paradigm Institute (CSIR-4PI), Bengaluru, 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.

**CSIR-Fourth Paradigm Institute (CSIR-4PI)** is a young and vibrant constituent national laboratory of CSIR positioned to address the data intensive scientific research and discovery and to cater the training of next generation technical and scientific manpower in fourth paradigm research. It is pursuing R&D in trans-disciplinary domains such as bio-informatics, chem-informatics, earth and environmental system informatics, engineering sciences, and life sciences with a focus on high performance computing, cyber security, carbon cycle and ocean modeling, multiscale modeling and simulation, climate and environment modeling, solid earth modeling and computational mechanics. Institute's facilities include world-class CSIR HPC, AI & ML Platform (CHAMP) supercomputing facility; Cyber Security Research and Observation (CySeRO) testbed, Broadband Seismic, GNSS & GNG Network, among others. CSIR-4PI played a pivotal role in shaping up the computational research capability in CSIR and has the potential to impact the emerging data science research to solve

problems of societal and strategic importance.

For more details about the institute, visit <https://csir4pi.res.in>

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

**Essential Qualifications:** Ph.D. in Natural Sciences or Master's Degree in Engineering (for Engineering, 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) 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 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](mailto: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 **15<sup>th</sup> December, 2024**.

#### **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.

Sl. No.	Degree/Certificate	Year of Passing	University/Institute	Subjects

7. Academic/Research Experience/Employment

Sl. No	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- 4PI

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

Applicants are also requested to additionally fill the below pro-forma in word file format and send it along with their applications for the respective positions applied for:

Name, Address and DOB	Qualification and Specialization	Experience (in chronological order)	Honors/Awards	No. of pub./patent etc.	List of 05 referees
-----------------------	----------------------------------	-------------------------------------	---------------	-------------------------	---------------------