Council of Scientific and Industrial Research
CSIR-Fourth Paradigm Institute (CSIR-4PI)

NAL Belur Campus, Wind Tunnel Road,
Bengaluru - 560 037, Karnataka, INDIA

ADVERTISEMENT FOR THE ENGAGEMENT OF PROJECT STAFF
ON TEMPORARY BASIS

Advt. No. 01/2023

Council of Scientific and Industrial Research (CSIR) is an autonomous body under Ministry of Science and Technology, Government of India. It is one of the largest and most diversified scientific organizations having a network of nearly 38 state-of-the-art Laboratories with well experienced scientific staff and a large number of research scholars.

CSIR-Fourth Paradigm Institute (CSIR-4PI), Bengaluru is a premier research institute under the Council of Scientific and Industrial Research (CSIR), which is an Autonomous Body working under the Department of Scientific and Industrial Research, Ministry of Science & Technology, Government of India. The vision of CSIR-4PI is to pursuit "High End Computational Science Empowering Data Intensive Scientific Discovery" in trans-disciplinary areas through large scale scientific computing. Our facilities include world-class supercomputing environment; Cyber Security Research and Observation (CySeRO) test-bed; Broadband Seismic, GNSS & GHG Networks, etc. CSIR-4PI is recognized as a leader at national level and competing at international level for its multi-dimensional high impact studies in earth system covering all the four geographic spheres for over three decades.

CSIR-4PI, for its on-going Projects in Bengaluru is inviting **APPLICATIONS THROUGH E-MAIL (recruit@csir4pi.in) to engage temporary Project Staffs as under—**

Position Code	No(s) of tentative position	Name of position (as on last date of receipt of application)	Maximum Age	Monthly Emoluments	Educational Qualification(s) Essential / Desirable	Tenure of the project Up to	E-mail address to the whom application to be sent by the applicant
Project(s) Title & Project Number):		"Project Title (Project No.)": Impact Assessment of New and Emerging WM Technology(s) on Human Life (GAP – 1027)					
SPA/EESD /27	01- Position	Senior Project Associate	40 years as on 29.05.2023	Rs.42,000/- per month + House Rent Allowance (HRA)	**Essential Qualification:** M.Tech./ M.E in Environmental Engineering/ Sanitation Engineering and Waste Management/Waste Management with minimum 2 years' experience in R&D from Industrial and Academic Institutions or S&T Organisations and Scientific activities and services. **Desirable Qualification:** 1. Minimum of 60% marks and above in the essential qualification. 2. Knowledge on waste treatment technologies like landfills, incineration, pyrolysis, composting technologies. **Job Requirements:** A skilled man power with the experience of R&D in waste management, and having experience in field visits of waste management facilities; having good publications is necessary.	14.03.2026	recruit@csir4pi.in

Project(s) Title & (Project Number)	Position				
PA/EESD/27	01-Position	Project Assistant	50 years as on 29.05.2023	**Essential Qualification:** Bachelor of Science (B.Sc.) **Desirable Experience:** 1. Minimum of 60% marks and above in the essential qualification. 2. Knowledge on human health effects due to waste management technologies. **Job Requirements:** Data collection related to health and analysis of the data.	recruit@csir4pi.in
				Rs.20,000/- per month + House Rent Allowance (HRA)* *Increment of 15% for 3 years of experience with maximum ceiling of 4 such revisions, i.e., up to 12 years of experience.	
"Project Title (Project No.)"; Feasibility Evaluation, Impact Feasibility Evaluation, Impact Quantification and Mitigation of Low-Rate Cyber Attacks on Multipath Transmission Control Protocol (MPTCP) (DSSD-1019)					
PA/DSSD/19	02-Position	Project Associate-II	35 years as on 29.05.2023	**Essential Qualification:** B.E/B.Tech. in Computer Science and Engineering/Telecommunication Engineering with minimum 2 years of experience. **Desirable Experience:** 1. Minimum of 60% marks or First Class and above in the essential qualification. 2.Hands-on experience in Python & C/C++ Programming, Linux, TCP/IP Protocol, Database, MySQL, Network Traffic Analysis, Wireshark, TCP dump, etc. **Job Requirements:** The candidate will work on CSIR-4PI Cyber Security Research and Observation (CySeRO) program. The work will involve cyber security test-bed reconfiguration, MPTCP protocol, Development of Darknet/ network Telescope for generation of Cyber Threat Intelligence.	30.09.2023 recruit@csir4pi.in
				(i)Rs. 35,000/- per month + House Rent Allowance (HRA)* (ii)Rs. 28,000/- per month + House Rent Allowance (HRA) *(i) Rs. 35,000/- per month + HRA to scholars who are selected through (a) National Eligibility Tests CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their	

Project(s) Title & (Project Number):				
			Agencies and Institutions. (ii)Rs.28000/- per month + HRA for others who do not fall under (i) above.	
PA/DSSG/ 02-42	Project Associate – I	35 years as on 29.05.2023	"Project Title (Project No.)": AI-Enabled Technologies & Systems (AITS) (HCP-0042)	

Project Associate – I:

Rs.31,000/- per month + House Rent Allowance (HRA)* Rs.25,000 - per month + House Rent Allowance (HRA)

*(i) Rs. 31000/- per month + HRA to Scholars who are selected through (a) National Eligibility Tests CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.

(ii) Rs.25000/- per month + HRA for others who do not fall under (i) above.

Project Associate – I:

Essential Qualification:
B.E/B.Tech. in Computer Science/IT/Electronics/MCA

Desirable Qualification:
1. Minimum of 60% marks and above in the essential qualification.
2.Knowledge on Artificial Intelligence (AI), Machine Learning (ML), Deep Learning (DL), Programming in Python, Installation and running of IOT devices, Simulation Framework, Block chain is desirable.

Job Requirements:
AI based model development, data processing and analysis, running simulation framework, activities related to AI as assigned from time to time.

31.03.2025

recruit@csir4pi.in

Project Associate – II: Project Associate – II:

Project(s) Title & (Project Number):		
"Project Title (Project No.)": Phenome India – CSIR Health Cohort Knowledgebase (HCP-0047)	**Essential Qualification:** B.E/B.Tech. in Computer Science/IT/Electronics/MCA with minimum 2 years of working experience on AI/ML/DL. **Desirable Qualification:** 1. Minimum of 60% marks and above in the essential qualification. 2. Knowledge on Artificial Intelligence (AI), Machine Learning (ML), Deep Learning (DL), Programming in Python, Installation and running of IOT devices, Simulation Framework, Block chain is desirable. **Job Requirements:** AI based model development, data processing and analysis, running simulation framework, activities related to AI as assigned from time to time.	Rs. 35,000/- per month + House Rent Allowance (HRA)* Rs. 28,000/- per month + House Rent Allowance (HRA) *(i) Rs. 35,000/- per month + HRA to scholars who are selected through (a) National Eligibility Tests CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (ii) Rs.28,000/- per month + HRA for others who do not fall under (i) above.

PA/DSSD/47	01-Position OR	Project Associate –I Project Associate –II	35 years as on 29.05.2023	(see below)	31.03.2027 recruit@csir4pi.in

Project Associate – I:

Essential Qualification:

B.E/B.Tech. in Computer Science/IT/Electronics/MCA

Desirable Qualification:

1. Minimum of 60% marks and above in the essential qualification.
2. Knowledge of Storage administration, Linux, Artificial Intelligence (AI), Programming in Python is desirable.

Job Requirements:

System and storage administration, Support to users' activities related to AI as assigned from time to time.

Project Associate – II:

Essential Qualification:

B.E/B.Tech. in Computer Science/IT/Electronics/MCA with minimum 2 years of working experience on AI/ML/DL.

Desirable Qualification:

1. Minimum of 60% marks and above in the essential qualification.
2. Knowledge of Storage administration, Linux, Artificial Intelligence (AI), Programming in Python is desirable.

Job Requirements:

System and storage administration, Support to users' activities related to AI as assigned from time to time.

Project Associate – I:

Rs.31,000/- per month + House Rent Allowance (HRA)* Rs.25,000 - per month + House Rent Allowance (HRA)

*(i) Rs. 31000/- to per month + HRA to Scholars who are selected through (a) National Eligibility Tests CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.

(ii) Rs.25000/- per month + HRA for others who do not fall under (i) above.

Project Associate – II:

Rs. 35,000/- per month + House Rent Allowance (HRA)* Rs. 28,000/- per month + House Rent Allowance (HRA)

*(i) Rs. 35,000/- per month + HRA to scholars who are selected through (a) National Eligibility Tests CSIR-UGC NET including lectureship (Assistant

Project(s) Title & (Project Number):						

"Project Title (Project No.)"; Jigyasa 2.0 Programme with the concept of Virtual Lab Integrated (HCP-0101)

Project Number	Position	Project & Designation	Age Limit	Essential/Desirable Qualification & Job Requirements	Tenure / Date	Email
PA/EESD/ 101	01-Position	Project Associate - II	35 years as on 29.05.2023	**Essential Qualification:** B.E/B.Tech. in Computer Science /MCA or equivalent with minimum two years of experience in web development and online scientific content creation. **Desirable Qualification:** 1. Minimum of 60% marks and above in the essential qualification. 2. Knowledge of JAVA SCRIPT, HTML, & CSS, Virtual Lab modules, Content creation experience is desirable. **Job Requirements:** To create Audio and Video content for virtual lab under Jigyasa Programme.	31.03.2026	recruit@csir4pi.in

Emoluments:

Rs. 35,000/- per month + House Rent Allowance (HRA)*

Rs. 28,000/- per month + House Rent Allowance (HRA)

*(i) Rs. 35,000/- per month + HRA to scholars who are selected through (a) National Eligibility Tests CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.

(ii) Rs.28,000/- per month + HRA for others

Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.

(ii) Rs.28,000/- per month + HRA for others who do not fall under (i) above.

who do not fall under (i) above.

IMPORTANT INSTRUCTIONS –

1) The engagement is on purely Temporary and Contract basis. The engagement shall be initially for a period of one year and co-terminus with the Projects. The contract may be terminated at any time by giving one month's notice by either side. The applicants will have no claim implicit or explicit for consideration against any CSIR post.

2) The extension of tenure of any Project Staff beyond the initial engagement will be subject to review and tenure of the project.

3) The selection will be based on screening of the applications followed by personal interview.

4) Candidates will be shortlisted based on their applications by a screening committee. Candidates are required to clearly mention in the application the post/s for which they have applied.

5) Short listed candidates will be called for the **Personal Interview through Online Mode on short notice**. The details of the interview will be **intimated by e-mail only to the shortlisted candidates.**

6) The applications duly filled in all respects (in pdf format) must reach to e-mail id **recruit@csir4pi.in** latest by **29th May 2023** along with following: -

   a) A duly filled in application form downloaded from the website www.csir4pi.res.in (in the careers section).

   b) One passport size photo affixed on the application.

   c) Photo ID proof (Govt issued photo id card).

   d) All certificates in support of your date of birth (SSLC/Class-10 Certificate), qualifications (Convocation/PDC and all semester marks sheet), experience etc.

   e) The subject for the e-mail must be **"Application for the position of .... (Position Code ....).**

7) **Incomplete applications, late received applications, applications received through any other mode & applications for multiple posts in a single application form would not be accepted and summarily rejected.**

8) Candidates will be considered for the position depending upon their qualification.

9) **Students awaiting Final year results will NOT be considered.**

10) In case of Universities/Institute awarding CGPA/SGPA/OGPA grades etc., candidates are requested to convert the same into percentage based on the formula as per their university/Institute.

11) All applicants must fulfil all the essential requirements of the position(s) and as well as other conditions stipulated in the advertisement as on **29-05-2023 (Last date of submission application).**

12) Written test will be conducted if necessary.

13) The institute reserves the right to increase or decrease the number of posts to be engaged.

14)The institute reserves the right to reject any or all the applications without assigning any reasons.
15)Mere fulfilment of minimum qualification and experience for the post does not entitle the candidate to be called/allowed for interview.
16)Canvassing in any form shall be grounds for disqualification.
17)Selected candidates will have to produce all the original documents against their educational qualifications as attached in the pdf at the time of joining.

HOW TO APPLY:

Step-1: Download the application proforma annexed with the advertisement.

Step-2: Fill up all the columns of application proforma very carefully.

Step-3: Scan completely duly filled application form in PDF format, and

Step-4: Send on specified e-mail with mentioning subject as **"Application for the position of .... (Position Code ....).**

(Candidates must keep in mind that if they want to apply for more than one position(s), they need to apply separately for each position)

GENERAL INSTRUCTIONS:

(1) Only Indian Nationals are eligible to apply for the above positions.
(2) Age limit will be reckoned as on <u>last date for submitting application</u> i.e., 29th May 2023.
(3) As regards reservation, if all things are equal, SC/ST/OBC/EWS candidates may be given preference over General candidates so as to ensure their representation.
(4) Currently employed candidates will have to furnish no objection certificate from their employer.
(5) Engagement of Project staff shall be as per CSIR Guidelines/Guidelines of the funding agency.
(6) This position is purely temporary and co-terminus with the duration of the projects. There will be no right implicit or explicit for regular position for any post in CSIR-4PI, Bengaluru whatsoever.
(7) The decision of the Head, CSIR-4PI, Bengaluru shall be final for engagement of above-mentioned position in CSIR-4PI, Bengaluru.

INTERIM ENQUIRES WILL NOT BE ENTERTAINED.

Controller of Administration

Council of Scientific and Industrial Research
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APPLICATION FORM

> Please affix your
> Passport Size
> Photo

1. Advertisement No.	
2. Name of the post applied for	
3. Post Code	
4. Name in full (Block Letters)	
5. Father's / Husband's Name (Block Letters)	
6. Sex (Male/Female)	
7. Nationality	
8. Mailing Address with PINCODE	
Valid Mobile Number	
Valid E-mail ID	
9. Permanent address with PINCODE	
10. Date of Birth (as per 10th /Matriculation /SSLC Certificate (DD/MM/YYYY)	
11. Age as on last date for submission of application.	
12. Mention your category (SC /ST /OBC /GEN)	

Note: Students awaiting Final year results need not apply.

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13. Recognized educational/professional qualification, etc. *(Attach Relevant Copies)*

Name of the Course with Specialization		Period of Course		Total Marks Obtained	Total Marks Allotted	Percentage /GPA Score	Board/ University/ Institution
		From (MM /YY)	To (MM /YY)				
10th/ Matriculation /SSLC							
10+2 /PUC							
Graduation							
Post Graduation							
M-Phil							
PhD							

14. Details Of Employment (In Chronological Order) *(Attach Relevant Copies)*

Name of the Organization & Place (Please specify whether Central Govt. /State Govt. /Public Sector /Autonomous Body /Private Sector)	Position(s) held	Period of service		Nature of Work	Gross Pay Scale	Whether working on Regular Basis/ Contractual Basis/ Ad-hoc Basis etc.
		From (MM /YY)	To (MM /YY)			
1)						
2)						
3)						
4)						

15. Any Other Details

16. Particulars of close relatives working in CSIR / CSIR-4PI

Name	
Designation	
Division	
Relationship	

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17. Are you under any Bond/ Contractual obligation to serve Central /State Government /PSU /Autonomous or any other body /organization	
18. Whether dismissed from service from any other institution /office or debarred by the Public Service Commission If Yes, give details	

- I hereby declare that all the statements made in this application are true, complete and correct to the best of my knowledge and belief.
- I understand that in the event of any information being found false or incorrect at any stage, my candidature/appointment shall be liable to be cancelled / terminated summarily without notice or any compensation in lieu thereof.

Place: Signature :
Date: Name:

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