

साएसआइआर-चौथा पराडाइम संस्थान

CSIR-Fourth Paradigm Institute

Ministry of Science & Technology, Govt. of India

बेलूर कैंपस, विंड टनल रोड, बैंगलोर-३७

Belur Campus, Wind Tunnel Road, Bangalore-37



WALK-IN-INTERVIEW FOR THE ENGAGEMENT OF PROJECT STAFF ON TEMPORARY BASIS

Advertisement No. 01/2025 Dt:09/April/2025

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 pursue "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 Siesmic, 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.

Interviews are scheduled to be held on the date as mentioned below against the positions(s) in the respective column for the selection of suitable candidate(s) in the areas under the following projects for recruitment on purely temporary basis for the duration of the projects as mentioned or till completion of the projects, whichever is earlier:

S. Abhinav
09/4/25

Project(s) Title & (Project Number):	Region Specific Smart Agro-Technologies for enhancing Soil and Plant Health. (HCP-057) Project Up to: 31.03.2026					
Position Code	Position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments (in INR) (Per Month)	Educational Qualification(s) Essential / Desirable	Date, Time and Venue of Interview
01/2025/01	01-position	a) Project Associate-I	35 years	(i)Rs.31000/- per month + House Rent Allowance (HRA)* OR (ii)Rs.25,000/- per month + House Rent Allowance (HRA) *(i) Rs.31,000/- 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.25,000/- per month + HRA for others who do not fall under (i) above	Essential Qualification: Master's Degree in Soil Science/ Plant Pathology/Soil Science and Agri. Chemistry or equivalent from a recognized University. Desirable requirements: Working experience in Crop data collection and analysis, Crop Modelling, Linux, Python Programming, R Programming etc Job Requirements: Crop Field data collection, crop modelling, soil nutrient mapping, developing machine learning models.	Date: 29.04.2025 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.
01/2025/02	01-position	b) Project Associate-I	35 years	(i)Rs.31000/- per month + House Rent Allowance (HRA)* OR (ii)Rs.25,000/- per month + House Rent Allowance (HRA) *(i) Rs.31,000/- 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.25,000/- per month + HRA for others who do not fall under (i) above	Essential Qualification: BE/B Tech in Electronics and Communication Engineering, or equivalent from a recognized University. Desirable requirements: Working experience in IoT based data collection, Linux, Python Programming etc Job Requirements: Setting up of IoT network for crop field data collection.	

01/2025/03	01-position	a) Project Associate - II	35 years	<p>(i)Rs.35,000/- per month + House Rent Allowance (HRA)*</p> <p>OR</p> <p>(ii)Rs.28,000/- per month + House Rent Allowance (HRA)</p> <p>*(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.</p> <p>(ii) Rs.28,000/- per month + HRA for others who do not fall under (i) above</p>	<p>Essential Qualification: Master's Degree in Soil Science/Plant Pathology/Soil Science & Agri. Chemistry/ Agricultural Statistics/ Agronomy/ Soil and Water Conservation Engineering/ Agricultural science or equivalent from a recognized university and 2 years research experience in relevant area from recognized R & D/ industrial/ academic/science & technology organizations.</p> <p>Desirable requirements: Working experience in Crop data collection and analysis, soil nutrient mapping, Crop Modelling, Linux, Python Programming, R Programming etc.</p> <p>Job Requirements: Developing machine/ Deep learning basic models in Python environment; development of geospatial modelling tools.</p>	<p>Date: 29.04.2025</p> <p>Time: 09:00 A.M.</p> <p>Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>
01/2025/04	02- Positions	a) Project Associate - II	35 years	As stated in Post Code 01/2025/03	<p>Essential Qualification: Master's Degree in Physics/mathematics/computer science/ environmental science/statistics/atmospheric sciences/geographic information science or equivalent from a recognized university and 2 years research experience in relevant area from recognized R & D/ industrial/ academic/science & technology organizations.</p>	

01/2025/05	02- Positions	Senior Project Associate	40 years	Rs.42,000/- per month + HRA	<p><u>Desirable requirements:</u> Working experience in Linux, Python Programming, R Programming etc; experience in mathematical modelling/image processing, geospatial data analysis/ machine/ deep learning tools like LSTM,ConLSTM,CNN/Arch GIS modelling/ENVI using remote sensing data.</p> <p><u>Job Requirements:</u> Developing machine/ Deep learning basic models in Python environment; development of geospatial modelling tools.</p> <p><u>Essential Qualification:</u> Master's Degree in Physics/ statistics/Mathematics/Atmospheric sciences/Environmental sciences/computer sciences/remote sensing or equivalent from a recognized university and 3 years experience in R&D/ industrial/ academic/science & technology organizations.</p> <p>(OR) Doctoral Degree in Physics/ statistics/Mathematics/Atmospheric sciences/Environmental sciences/computer sciences/remote sensing or equivalent from a recognized university.</p> <p><u>Desirable requirements:</u> Good programming skills in advanced Python,R,experience in machine and deep learning tools for predictive data analytics.</p> <p><u>Job Requirements:</u> Development of dynamic prediction models, High resolution image analytics, AI/ ML based predictive modelling and data modelling.</p>	<p>Date: 29.04.2025 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>
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01/2025/06	01-position	a) Project Scientist-I	35 years	Rs.56,000/- per month + HRA	<p><u>Essential Qualification:</u> Doctoral degree in hydrology/water (land) resource management/remote sensing or equivalent from a recognized university and 4 years experience in Research and Development in Industrial and Academic Institutions or Science and Technology organizations and Scientific activities and services. candidates with the provisional doctoral degree is also eligible to apply.</p> <p>(OR)</p> <p>M.tech in hydrology/water (land) resource management/remote sensing or equivalent from a recognized university and 4 years experience in R&D/ industrial/ academic/science & technology organizations</p> <p><u>Desirable requirements:</u> Good skills in advanced GIS, hydrological modelling, water resource management, flood modelling.</p> <p><u>Job Requirements:</u> Integrated hydrological model development and image processing.</p> <p><u>Note:</u> Selected candidates will be required to visit across India for field surveys and data collection. The selected candidates will be posted at Bengaluru.</p>	<p>Date: 29.04.2025</p> <p>Time: 09:00 A.M.</p> <p>Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>
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01/2025/07	01 - Position	b) Project Scientist-I	35 years	Rs.56,000/- per month + HRA	<p><u>Essential Qualification:</u> Doctoral degree in Physics/ statistics/Mathematics/Atmospheric sciences/Environmental sciences/computer sciences/or equivalent from a recognized university and 4 years experience in R&D/ industrial/ academic/science & technology organizations.</p> <p>(OR)</p> <p>Masters degree in engineering atmospheric sciences/ environmental sciences/computer sciences/remote sensing or equivalent from a recognized university and 4 years experience in R&D/ industrial/ academic/science & technology organizations.</p> <p><u>Desirable requirements:</u> Good programming skills in advanced python,R,Experience in Machine & Deep learning tools for predictive data analytics.</p> <p><u>Job Requirements:</u> Development of dynamic prediction models, High resolution image analytics, AI/ML based predictive modelling and data modelling.</p> <p><u>Note:</u> Selected candidates will be required to visit across India for field surveys and data collection. The selected candidates will be posted at Bengaluru.In case no eligible candidate is found suitable for a post, the post may be downgraded to be filled with suitable candidates. Hence, the number of post for a particular post code may be increased or decreased.</p>
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Project(s) Title & (Project Number):	Impact of Natural and Anthropogenic climate variabilities on the physical and biogeochemical processes over Indian Ocean and their links to extreme events . (GAP-1032) Project Up to: 11.11.2026					
Position Code	Position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments (in INR) (Per Month)	Educational Qualification(s) Essential / Desirable	Date, Time and Venue of Interview
01/2025/08	01-position	a)Senior Project Associate	40 years	Rs.42,000/- per month + HRA	<p>Essential Qualification: Master's degree in Oceanography/ Marine Sciences/Climate Sciences/ Meteorology/ Physics/ Mathematics/Remote sensing/Environmental Sciences/ Computer Sciences/Geoinformatics or equivalent from a recognized university and 3 years experience in Research and Development in industrial and Academic Institutions or Science and Technology Organizations.</p> <p>OR</p> <p>M.E/M.Tech in Oceanography/Marine Sciences/Atmospheric Sciences/Climate Sciences/Physical Science/Meteorology/Physics/Mathematics/Remote sensing/Environmental Sciences/Computer Sciences/Geoinformatics or equivalent from a recognized university.</p> <p>OR</p> <p>Doctoral Degree in Oceanography/Marine Sciences/Atmospheric Sciences/Climate Sciences/Geoinformatics or equivalent from a recognized university. Candidates with provisional degree are also eligible to apply.</p> <p>Desirable requirements: Research experience in Ocean/Atmospheric Models like WRF, GCM, MOM, NEMO etc. Working knowledge of programming (Fortran/Python/R/C/C++ etc) and visualization software (Ferret, Grads, NCL, GIS etc.)</p> <p>Job Requirements: Multi-Source Data Analysis and Visualization, Modelling experiments with Ocean/Atmospheric models and Scientific Research Publications.</p>	<p>Date: 29.04.2025 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>

Project(s) Title & (Project Number):	Network Telescope feed for Threat Intelligence Generation. (GAP-1030) Project Up to: 15.12.2025					
Position Code	Position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments (in INR) (Per Month)	Educational Qualification(s) Essential / Desirable	Date, Time and Venue of Interview
01/2025/09	02-positions	Project Associate – I OR Project Associate-II	35 years	As stated in the Post Code 01/2025/01 and 01/2025/03	<u>Essential Qualification:</u> <u>Project Associate-I</u> B.E/ B.Tech in computer science and engineering or Information science or cybersecurity. OR <u>Project Associate-II</u> B.E/ B.Tech in computer science and engineering in Information science or cybersecurity and with 2 years of relevant experience in network traffic analysis, Python/C/C+ programming, Linux system administration, database administration MySQL, AI/ ML, Network administration, Linux kernel, computer networking, webservices, etc. OR M.E./M.Tech in computer science and engineering or Information Science or cybersecurity. <u>Job Requirements:</u> Research and Development in cybersecurity, development of Python/C/C++ programming, Linux kernel modification and reconfiguration, design and Implementation of cyberspace surveillance framework, network traffic analysis, database administration and performance monitoring, web services and shell scripting in Linux environment.	Date: 29.04.2025 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.


General Instructions:

- 1) Candidates reporting for interview after the scheduled time will not be entertained
- 2) The number of positions as advertised may vary depending upon the suitability of candidates and assessed needs of the candidates in the project.
- 3) Eligible candidates may appear for Walk-in-interview(s) on the date, time and place mentioned above along with an application on prescribed format (with latest colored passport size photo affixed on it) which is available on the CSIR-4PI website www.csir4pi.in along with self-attested photocopies of their testimonials of Age, Educational Qualifications, Experience, Reserved Category etc. at the time of interview. The positions are purely temporary and co-terminus with the duration of the project.
- 4) There will be no right implicit or explicit for regular position or any post in CSIR-4PI, whatsoever.
- 5) **Candidates must also bring with them original certificates of testimonials at the time of appearing for the interview failing which he/she will not be allowed to appear for interview.**
- 6) No travelling Allowance will be paid for attending the interview.
- 7) **Candidates must ensure that they bring self-attested copies of their essential certificates otherwise, their applications will not be accepted.**
- 8) The selection Committees(s) may adopt the selection criterion at its own i.e, either by conducting direct interview or written test followed by interview on the same day.
- 9) The performance of the Project Staff would be reviewed after every six-months period and any one not found up to the mark may be terminated.
- 10) In case no eligible candidate is found suitable for a post, the post may be downgraded to be filled with suitable candidates. Hence, the number of posts for a particular post code may be increased or decreased.
- 11) **In the absence of Degree Certificate, provisional Degree certificates along with the marksheets pertaining to the degree will be considered.**
- 12) Candidates with provisional doctoral degree are also eligible to apply.
- 13) Candidates applying for more than one post should submit separate application form for each post indicating the category and post code along with the prescribed application fee and copies of all marksheets, certificates and testimonials separately for each post.
- 14) In respect of equivalent clause in Essential Qualifications, if a candidate is claiming a particular qualification as equivalent qualification as per the requirement of the advertisement, then the candidate is required to produce order/letter in this regard, indicating the Authority (with number and date) under which it has been so treated otherwise the Application is liable to be rejected.
- 15) The decision of the Director, CSIR-4PI, Bengaluru shall be final on any matter relating to engagement of above-mentioned positions in CSIR-4PI, Bengaluru

NOTE: 1. Result awaited candidates are not eligible for interview
2. No interim enquiry will be entertained.


Controller of Administration
CSIR-4PI

 09/11/25

 9/11/25