ADVERTISMENT FOR THE ENGAGEMENT OF PROJECT STAFF ON TEMPORARY BASIS

Advertisement No. 07/2025 Dt: 17-12-2025

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. 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 Project in Bengaluru is inviting **ONLINE APPLICATIONS THROUGH E-MAIL** to recruit.4pi@csir.res.in for engagement of temporary Project Staff as under:

Last date for receipt of online applications : 31st December 2025.

Emoluments (per month) [Consolidated]:

Senior Project Associate (Sr. PAT)
Rs.42,000/- per month + House Rent Allowance (HRA)

Age Limit: **: 40 years**

Project Associate I (PAT I):
* Rs.31,000/- per month + House Rent Allowance (HRA)   (or)
  Rs.25,000/- per month + House Rent Allowance (HRA)

*(i) Rs. 31000/- P.M + 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/- P.M + HRA for others who do not fall under (i) above

Age Limit: **: 35 years**

Project Associate II (PAT II):
 * Rs.35,000/- per month + House Rent Allowance (HRA)   (or)
   Rs.28,000/- per month + House Rent Allowance (HRA)

 * (i) Rs. 35,000/-+ 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/- + HRA for others who do not fall under (i) above

Age Limit: **: 35 years**

S. Abhijna

I. <u>MMP055202-Project upto 31.03.2028.</u>

Project Associate I or II (PAT I or II)
POST CODE: PAT I/II/07/2025/01: (02 Positions)

Essential Qualification for PAT-I: Master's degree in Physics/Atmospheric Science/Oceanography/Meteorology/Climate Science/Marine Science or equivalent from a recognized university.

(OR)

Essential Qualification for PAT-II: Master's degree in Physics/Atmospheric Science/Oceanography/Meteorology/Climate Science/Geoinformatics/GIS/RS/Marine Science or equivalent from a recognized university and 2-year research experience in relevant area from recognized R&D/industrial/academic/S&T organization.

(OR)

M.E/ M.Tech. in Atmospheric Science/Meteorology/climate science or equivalent from a recognized university.

Desirable Requirements:
- Working experience in Unix/Linux OS.
- Working knowledge in GrADS, Ferret, MATLAB, GIS.
- Skill in computer programing using FORTRAN, C++, Python, R, NCL, Shell scripting etc.
- Experience in handling multi-source & multi format hydro-meteorological data and NWP model simulation.
- Experience in AI/ML tools for data analytics.
- NET/GATE qualified.

Job Description:
- Analysis of hydro-meteorological data, NWP model simulation, AI/ML based data analytics.
- The candidate is expected to have good communication skills and should be willing to work in a team environment.

II. <u>GAP001033-Project upto 31.03.2028.</u>

Senior Project Associate (Sr. PAT)
POST CODE: Sr. PAT/07/2025/02: (01 Position)

Essential Qualification for Sr. PAT: Master's Degree in Physics/Atmospheric sciences/Mathematics/Computer (information) sciences or equivalent from a recognised university and 3 years' experience in R&D in Industrial/academic/Science & Technology organizations.

(OR)

Doctoral degree in Physics/Atmospheric sciences/Remote sensing/computer sciences or equivalent from a recognised university.

(OR)

Masters/Integrated Masters in Engineering with specialization in Computer (Information) science/Atmospheric Sciences or equivalent from a recognised University.

Desirable Requirements:
- Good programming skills in advanced python, R, Experience in Machine and Deep learning tools for predictive data analytics.

Job Description:
- Development of dynamic prediction models, AI/ML based predictive modelling and Data modelling.

Project Associate-I (PAT-I)

POST CODE: PAT I/07/2025/03: (01 Position)

Essential Qualification for PAT-I: Master's Degree in Physics/Mathematics/ Statistics/Environmental Sciences/Atmospheric Sciences or equivalent from a recognized university.

(OR)

Bachelor's Degree in Engineering with specialization in Environmental Science/Remote sensing or equivalent from a recognized university.

Desirable Requirements:
- Working experience in Linux/Python Programming, R Programming etc;
- Experience in mathematical modelling.

Job Description:
- Multi-scale Data Analytics, Development of Machine/Deep Learning models.

III. MMP015203-Project upto 31.03.2028.

Project Associate-I or II(PAT-I/II)
POST CODE: PAT I/II/07/2025/04: (01 Position)

Essential Qualification for PAT-I: B.E./B.Tech/M.Sc. in Areas mentioned below.
- Robotics/Mechatronics or equivalent
- ECE or equivalent
- AI/ML/DS or equivalent
- Mechanical Engineering or equivalent

(OR)

Essential Qualification for PAT-II:

B.E/B.Tech/M.Sc. in Areas mentioned below +2 Years experience in R&D in industrial and Academic institutions or S&T Organizations & Scientific activities and services.

(OR)

M.E./M.Tech/Integrated M.Tech in Areas mentioned below:
- Robotics/Mechatronics or equivalent.
- ECE or equivalent.
- AI/ML/DS or equivalent.
- Mechanical Engineering or equivalent.

Desirable Requirements:
- Strong Programming Skills (Python)
- Understanding/Proficiency in ML Libraries (Pytorch)
- Hands-on experience with various sensor-based data sources such as LIDAR Camera, Stereo etc. on Autonomous Vehicles/ADAS.
- Familiarity with Reinforcement Learning and Computer Vision Techniques
- Knowledge of simulators like CARLA.
- Experience in setting/Analysis of experiments for ML/RL
- Familiarity with version control (Git)
- Desirable to have at least one peer-reviewed publication in AI/ML/CV/NLP.
- CSIR-UGC NET incl. lectureship/assistant professor/GATE qualified.
- MS (by Research)/BS & MS (Dual Degree)

Job Description:
- Run experiments in RL Simulators, Real Vehicle, Benchmarking, Dataset Generation.
- Field work for data collection on Autonomous Vehicle platforms.
- Writing reports, presentations, documentation, research articles.
- Any other project work assigned.

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/CSIR-4PI 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. Candidates will be shortlisted based on their applications. Applicants are required to clearly specify the post/s for which they have applied.

4) Shortlisted candidates will be called for the **Personal Interview through Online Mode**. The details of the interview will be **intimated by e-mail to the shortlisted candidates.**

5) **The applications duly filled in all respects (in pdf format) must reach to e-mail id** recruit.4pi@csir.res.in **latest by 31st December 2025 along with following: -**
   a) **A duly filled in application form downloaded from the website www.csir4pi.res.in**
   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/Provisional Degree Certificate and all semester marks sheet), work experience certificate etc.

S. Abbujina

e) The subject for the e-mail must be "Application for the position of...... (Post Code....................). Incomplete applications, late received applications, applications received through any other mode & applications for multiple posts in a single application form will not be considered and liable to be summarily rejected.

6) Applicants will be considered for the position depending upon their qualification.

7) In case no eligible candidate is found suitable for any post/s, such post/s may be downgraded to be filled with suitable candidates. Hence, the number of posts for a particular post code may be increased or decreased.

8) 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.

9) All applicants must fulfil all the essential requirements of the position(s) and as well as other conditions stipulated in the advertisement as on 31st December 2025 (Last date of submission of application)

10) Written test will be conducted, if necessary.

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

12) The institute reserves the right to reject any or all the applications without assigning any reasons.

13) Mere fulfilment of minimum qualification and experience for the post does not entitle the candidate to be called/allowed for interview.

14) Canvassing in any form shall be grounds for disqualification.

15) Selected candidates will have to produce all the original documents like educational qualifications, work experience certificate etc., 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.

Step-4: Send on specified e-mail i.e. **recruit.4pi@csir.res.in** indicating subject as "Application for the position of ..... (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 last date for submitting application i.e., 31st December 2025.

(3) The Competent Authority reserves the right to relax any of the provisions contained in this advertisement on reasonable ground.

(4) The relaxation in the age limit for the candidates belonging to the category of SC/ST/PwBD/Women and the category of OBC shall be 05 years and 03 years respectively or as per Govt. of India instructions issued in this regard from time to time.

(5) CSIR-4PI reserves the right to draw the panel of selected candidates valid for the period of one year and operate the same in the event of requirement of project staff in the other projects also with similar essential qualifications.

(6) 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.

(7) Currently employed candidates will have to furnish no objection certificate from their employer.

(8) Engagement of Project staff shall be as per CSIR Guidelines/Guidelines of the funding agency.

(09) The decision of the Director, CSIR-4PI, Bengaluru shall be final for engagement of above-mentioned position 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