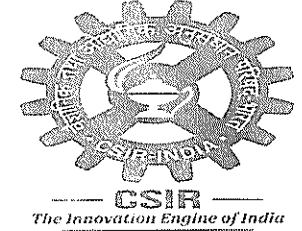


सीएसआईआर-चौथा पैराडाइम संस्थान
CSIR-Fourth Paradigm Institute
Ministry of Science & Technology, Govt. of India
बेलूर कैंपस, विंड टनल रोड, बैंगलोर-३७
Belur Campus, Wind Tunnel Road, Bangalore-37



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

Advertisement No. 03/2023

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 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 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.

These project positions are to be filled as part of CSIR mission project titled "Region specific smart agro-technologies for enhancing soil and plant health". The key activities under this mission involves developing AI/ML based predictive tools, Predictive image analytics, Crop system model, UAV based multi/hyper/lidar image analytics, IoT based predictive modelling and system dynamical modelling."

2/1/23

Walk-in-Interviews are scheduled to be held on the date(s) as mentioned below against the position(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:

Position Code	Position	Name of position	Maximum Age (as on last date of receipt of application)	Stipend (Per Month) [Consolidated]	Educational Qualification(s) Essential / Desirable	Date, Time and Venue of Interview
Project(s) Title & (Project Number):		CSIR Mission Project: Region Specific Smart Agro-technologies for enhancing Soil and Plant Health (HCP-0057) [Tenure of the project Up to: 31.03.2026]				
03/2023/01	02-positions	Project Associate-I	35 years as on 18.10.2023	<p>Project Associate – I:</p> <p>Rs.31,000/- per month + House Rent Allowance (HRA)*</p> <p>OR</p> <p>Rs.25,000 - per month + House Rent Allowance (HRA)</p> <p>*(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.</p> <p>(ii) Rs.25000/- per month + HRA for others who do not fall under (i) above.</p>	<p>Essential Qualification:</p> <p>Master's Degree in Agronomy/Pathology/Entomology/Horticulture/ Floriculture /Agricultural statistics/ B. Tech Agriculture Engineering / Technology or equivalent from a recognized University.</p> <p>Desirable requirements:</p> <p>Working experience in crop system modelling (APSIM/DSSAT/STICS) in Rice/apple/wheat.</p> <p>Job Requirements:</p> <p>Development of crop system models, spatio-temporal Crop simulations, Crop disease modelling, and Data modelling.</p>	<p>Date: 18.10.2023</p> <p>Time: 09:00 A.M.</p> <p>Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>
	01-position	Project Associate-II	35 years as on 18.10.2023	<p>Project Associate – II:</p> <p>Rs. 35,000/- per month + House Rent Allowance (HRA)*</p> <p>OR</p> <p>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</p>	<p>Essential Qualification:</p> <p>Master's Degree in Agronomy/Pathology/Entomology/Horticulture/Floriculture/ Agricultural statistics/ B. Tech Agriculture Engineering / Technology or equivalent from a recognized University and 2 years' experience in R&D in Industrial /academic/Science & technology</p>	<p>Date: 18.10.2023</p> <p>Time: 09:00 A.M.</p> <p>Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>

03/2023/ 02				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.	organizations. Desirable requirements: Working experience in crop system modelling (APSIM/DSSAT/STICS) in Rice/apple/wheat. Job Requirements: Development of crop system models, spatio-temporal Crop simulations, Crop disease modelling, and Data modelling.	
03/2023/ 03	01- position	Senior Project Associate	40 years as on 18.10.2023	Rs.42,000/- per month + House Rent Allowance (HRA)	Essential Qualification: Master's Degree in Agronomy/Pathology/Entomology/Horticulture/Floriculture/Agricultural statistics/ B. Tech Agriculture Engineering / Technology or equivalent from a recognized University and 4 years' experience in R&D in Industrial /academic/Science & technology organizations OR Doctoral degree in Agronomy/Entomology/Horticulture/Floriculture/Agricultural statistics/Agricultural Engineering or equivalent from a recognized University. Desirable requirements: Working experience in crop system modelling (APSIM/DSSAT/STICS) in Rice/apple/wheat. Job Requirements: Development of crop system models, spatio-temporal Crop simulations, Crop disease modelling, and Data modelling.	Date: 18.10.2023 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.
	01- position	Principal Project Associate	40 years as on 18.10.2023	Rs.49,000/- per month + House Rent Allowance (HRA)	Essential Qualification: Master's Degree in Agronomy/Pathology/Entomology/Horticulture/ Floriculture/Agricultural statistics/ B. Tech Agriculture Engineering / Technology or equivalent from a	Date: 18.10.2023 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.

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03/2023/ 04					<p>recognized University and 8 years' experience in R&D in Industrial /academic/Science & technology organizations</p> <p>OR</p> <p>Doctoral degree in Agronomy/Entomology/Horticulture/Floriculture/Agricultural statistics/Agricultural Engineering or equivalent from a recognized University and 4 years' experience in R&D in Industrial /academic/Science & technology organizations.</p> <p><u>Desirable requirements:</u> Working experience in crop system modelling (APSIM/DSSAT/STICS) in Rice/apple/wheat.</p> <p><u>Job Requirements:</u> Development of crop system models, spatio-temporal Crop simulations, Crop disease modelling, and Data modelling.</p>	
03/2023/ 05	02-positions	Project Associate-I	35 years as on 18.10.2023	<p><u>Project Associate – I:</u></p> <p>Rs.31,000/- per month + House Rent Allowance (HRA)*</p> <p>OR</p> <p>Rs.25,000 - per month + House Rent Allowance (HRA)</p> <p>*(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.</p> <p>(ii) Rs.25000/- per month + HRA for others who do not fall under (i) above.</p>	<p><u>Essential Qualification:</u> M. Sc./ B. Tech in Geo informatics/Environmental Science/Hydrology/Remote Sensing or equivalent from a recognized University.</p> <p><u>Desirable requirements:</u> Working experience in GIS Modelling/ENV using remote sensing, Lidar data processing or watershed modelling (SWAT/HECRAS).</p> <p><u>Job Requirements:</u> Development of watershed models, High Resolution Image processing and Data modelling.</p>	<p>Date: 18.10.2023 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>



03/2023/ 06	01- position	Senior Project Associate	40 years as on 18.10.2023	Rs.42,000/- per month + House Rent Allowance (HRA)	<p>Essential Qualification: M. Sc./ B. Tech in Geo informatics/Environmental Science/Hydrology/Remote Sensing or equivalent from a recognized University and 4 years' experience in R&D in Industrial /Academic/Science & Technology organizations</p> <p>OR</p> <p>ME / M.Tech. in Geo informatics/Environmental Science/Hydrology/Remote Sensing or equivalent from a recognized University and Two Years experience in R&D in Industrial /Academic/Science & Technology organizations</p> <p>OR</p> <p>Doctoral degree in Geo informatics/Environmental Science/Hydrology/Remote Sensing or equivalent from a recognized University.</p> <p>Desirable requirements: Working experience in GIS Modelling/ENV using remote sensing, Lidar data processing or watershed modelling (SWAT/HECRAS).</p> <p>Job Requirements: Development of watershed models, High Resolution Image processing and Data modelling.</p>	<p>Date: 18.10.2023 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>
03/2023/ 07	04- positions	Project Associate-I	35 years as on 19.10.2023	<p>Project Associate – I:</p> <p>Rs.31,000/- per month + House Rent Allowance (HRA)*</p> <p>OR</p> <p>Rs.25,000 - per month + House Rent Allowance (HRA)</p> <p>*(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</p>	<p>Essential Qualification: M. Sc./ B. Tech in Electronics and Communication Engineering /Computer Science/Data Science or equivalent from a recognized University.</p> <p>Desirable requirements: Good programming skills in advanced python, Experience in Machine and Deep learning tools like LSTM, conLSTM, CNN, image Processing/Analytics etc.; IoT design, development and programming.</p>	<p>Date: 19.10.2023 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>



				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.	Job Requirements: Development of predictive image analytics models, Machine and Deep learning models, predictive models based on IoT, AI/ML based predictive modelling and Data modelling.	
03/2023/08	01-position	Project Associate-II	35 years as on 19.10.2023	Project Associate – II: Rs. 35,000/- per month + House Rent Allowance (HRA)* OR 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.	Essential Qualification: M. Sc./ B. Tech in Electronics and Communication Engineering /Computer Science/Data Science or equivalent from a recognized University and 2 years' experience in R&D in Industrial /academic/Science & technology organizations. Desirable requirements: Good programming skills in advanced python, Experience in Machine and Deep learning tools like LSTM, conLSTM, CNN, image processing/analytics etc.; IoT design, development and programming. Job Requirements: Development of predictive image analytics models, Machine and Deep learning models, predictive models based on IoT, AI/ML based predictive modelling and Data modelling.	Date: 19.10.2023 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.
	01-position	Senior Project Associate	40 years as on 19.10.2023	Rs.42,000/- per month + House Rent Allowance (HRA)	Essential Qualification: M. Sc./ B. Tech in Electronics and Communication Engineering /Computer Science/Data Science or equivalent from a recognized University and 4 years' experience in R&D in Industrial /Academic/Science & Technology organizations OR OR M.E / M.Tech. in Electronics and Communication Engineering/Computer	Date: 19.10.2023 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.

03/2023/09					<p>Science/Data Science or equivalent from a recognized University and Two Years experience in R&D in Industrial /Academic/Science & Technology organizations</p> <p>Desirable requirements: Good programming skills in advanced python, Experience in Machine and Deep learning tools like LSTM, conLSTM, CNN, image processing/analytics etc.; IoT design, development and programming.</p> <p>Job Requirements: Development of predictive image analytics models, Machine and Deep learning models, predictive models based on IoT, AI/ML based predictive modelling and Data modelling.</p>	
03/2023/10	06-positions	Project Associate-I	35 years as on 20.10.2023	<p>Project Associate – I:</p> <p>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.</p>	<p>Essential Qualification: M. Sc./ B. Tech in Physics/Statistics/Mathematics/Atmospheric Sciences/Environmental Sciences/Computer Sciences or equivalent from a recognized University.</p> <p>Desirable requirements: Good programming skills in advanced Python, Experience in Machine and Deep learning tools for predictive data analytics.</p> <p>Job Requirements: Development of System dynamics model, High Resolution Image analytics, AI/ML based predictive modelling and Data modelling.</p>	<p>Date: 20.10.2023 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>
	03-positions	Project Associate-II	35 years as on 20.10.2023	<p>Project Associate – II:</p> <p>Rs. 35,000/- per month + House Rent Allowance (HRA)* Rs. 28,000/- per month + House Rent Allowance (HRA)</p>	<p>Essential Qualification: M. Sc./ B. Tech in Physics/Statistics/Mathematics/Atmospheric Sciences/Environmental Sciences/Computer Sciences or</p>	<p>Date: 20.10.2023 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>



03/2023/ 11				<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>equivalent from a recognized University and 2 years' experience in R&D in Industrial /Academic/Science & Technology organizations.</p> <p><u>Desirable requirements:</u> Good programming skills in advanced Python, Experience in Machine and Deep learning tools for predictive data analytics.</p> <p><u>Job Requirements:</u> Development of System dynamics model, High Resolution Image analytics, AI/ML based predictive modelling and Data modelling.</p>	
03/2023/ 12	01- position	Senior Project Associate	40 years as on 20.10.2023	Rs.42,000/- per month + House Rent Allowance (HRA)	<p><u>Essential Qualification:</u> M. Sc./ B. Tech in Physics/Statistics/Mathematics/Atmospheric Sciences/Environmental Sciences/Computer Sciences or equivalent from a recognized University and 4 years' experience in R&D in Industrial /Academic/Science & Technology organizations</p> <p>OR</p> <p>ME / M.Tech. in Physics/Statistics/Mathematics/Atmospheric Sciences/Environmental Sciences/Computer Sciences or equivalent from a recognized University and Two Years experience in R&D in Industrial /Academic/Science & Technology organizations</p> <p>OR</p> <p>Doctoral degree in Physics/Statistics/Mathematics/Atmospheric Sciences/Environmental Sciences/Computer Sciences or equivalent from a recognized University</p> <p><u>Desirable requirements:</u> Good programming skills in advanced</p>	<p>Date: 20.10.2023 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>



					python, Experience in Machine and Deep learning tools for predictive data analytics. Job Requirements: Development of System dynamics model, High Resolution Image analytics, AI/ML based predictive modelling and Data modelling.	
03/2023/ 13	01- position	Principal Project Associate	40 years as on 20.10.2023	Rs.49,000/- per month + House Rent Allowance (HRA)	<p>Essential Qualification: M. Sc./ B. Tech in Physics/Statistics/Mathematics/Atmospheric Sciences/Environmental Sciences/Computer Sciences or equivalent from a recognized University and 8 years' experience in R&D in Industrial /Academic/Science & Technology organizations</p> <p>OR</p> <p>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 in Industrial /academic/Science & Technology organizations.</p> <p>Desirable requirements: Good programming skills in advanced python, Experience in Machine and Deep learning tools for predictive data analytics.</p> <p>Job Requirements: Development of System dynamics model, High Resolution Image analytics, AI/ML based predictive modelling and Data modelling.</p>	<p>Date: 20.10.2023 Time: 09:00 A.M. Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.</p>

General instructions:

- 1) **Candidates reporting for interview after 10.00 AM 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.res.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 Committee(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 Competent Authority reserves the right to relax any of the provisions contained in this advertisement on reasonable ground.
- 10) 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.
- 11) 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.
- 12) In the absence of degree, provisional certificates along with the marksheets pertaining to the degree will be considered.
- 13) **Selected candidates will be required to visit across India for field survey and data collection. The selected candidates will be initially posted at Bangalore, however, as required they may be assigned to work at Thiruvananthapuram.**
- 14) The decision of the Head, 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**