



**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. 01/2026 Dt. 19/05/2026

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.

Walk-in-Interviews are scheduled to be held on the date as mentioned below for the selection of suitable candidates in the specified areas. The engagement will be purely on temporary basis.

Walk-in Interview on 16.06.2026 at 09.30 A.M

Venue: CSIR-4PI, NAL Belur Campus, Wind Tunnel Road, Bengaluru 560037.

Position Code	No(s) of tentative position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments	Educational Qualification(s) Essential / Desirable	Tenure of the project Up to	Job Requirements
Project(s) Title & (Project Number):	Unveiling Tectonic Deformation in the Indo-Burmese Arc (IBA) through NISAR (GAP001034)						
01/2026/01	01-Position	Project Associate - I [PAT-I]	35 years	(a) Rs.31,000/- per month + House Rent Allowance (HRA) for those candidates who have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions. (b) Rs.25000/- per month + HRA for others who do not fall under (a) above.	Essential Qualification: Master's Degree in Geophysics or Marine Geophysics or Applied Mathematics from a recognised University. Desirable Qualification: Working experience in Linux, Python Programming etc; Experience in mathematical modelling.	10.03.2029	To conduct spatio - temporal synthetic aperture radar (SAR) data analysis and modelling using NISAR and other time-series data and to quantify the active tectonic deformation at Indo-Burmese Arc (IBA). Estimate the extent of plate coupling along the IBA plate boundary zone. Assistance in report generation, documentation and dissemination.

Position Code	No(s) of tentative position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments	Educational Qualification(s) Essential / Desirable	Tenure of the project Up to	Job Requirements
Project(s) Title & (Project Number):	Assessment and Mitigation Strategy for Geo-Hazards in the Himalaya (AMOGH) MMP055202						
01/2026/02	02 - Position	Project Associate - I/ II [PAT-I/II]	35 years	PAT – I (a) Rs.31,000/- per month + House Rent Allowance (HRA) for those candidates who have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant	Educational Qualification(s) PAT – I Master's degree in Physics / Geophysics / Applied Geophysics/Earth Sciences or equivalent from a recognized university. (Or)	31.03.2028	PAT – I/ II Analysis of broadband seismicological data /Strong Motion/ GNSS data for crustal structure imaging, crustal deformation, earthquake source modelling, ground

			<p>professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions.</p> <p>(b) Rs.25000/- per month + HRA for others who do not fall under (a) above.</p> <p>PAT – II</p> <p>a) Rs.35,000/- per month + House Rent Allowance (HRA) for those candidates who have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by</p>	<p>PAT- II: Master's degree in Physics / Geophysics / Applied Geophysics/Earth Sciences or equivalent from a recognized university and 2 years research experience in Geophysical / Seismological /GNSS field work and data analysis from recognized R&D / industrial / academic / S&T organization.</p> <p>Desirable Qualification: Working experience in Unix/Linux OS, working knowledge in SEISAN,SAC, GMT, MATLAB , GIS.Skill in computer programming using FORTRAN, C++, Python, Shell scripting etc. Experience in handling Broadband, GNSS, Ambient Noise and Microtremor data, NET/GATE qualified.</p>	<p>motion modelling, earthquake hazard assessment and site characterization. Management of near real time Broadband, GNSS and Strong Motion observation network.</p>
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				<p>Central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions.</p> <p>(b) Rs.28000/- per month + HRA for others who do not fall under (a) above.</p>			
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	01 Position	Senior PAT/ Principal PAT	40 Years	<p>Senior PAT: 42,000 + HRA</p> <p>Principal PAT: 49,000 + HRA</p>	<p>Essential Qualification:</p> <p>Senior PAT: Master's degree in Physics / Geophysics / Applied Geophysics from a recognized university and 3years research experience in Geophysical / Seismological field work and data analysis from recognized R&D / industrial / academic / S&T organization Or M.Tech in Earthquake Engineering/Geophysics Or PhD in Physics/ Geophysics / Applied Geophysics</p> <p>Principal PAT:</p> <p>Master's degree in Physics / Geophysics / Applied Geophysics from a recognized university and 6years research experience in Geophysical / Seismological field work and data analysis from recognized R&D / industrial / academic / S&T organization Or M.Tech. in Earthquake Engineering/Geophysics with 3 years of research experience in Geophysical /</p>	<p>Senior PAT/ Principal PAT:</p> <p>Acquisition, processing and interpretation of seismological data for crustal structure imaging, subsurface imaging, seismic anisotropy, ground motion modelling, earthquake hazard assessment and site characterisation. Management of near real time Broadband and Strong Motion observation network.</p>
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					<p>Seismological field work and data analysis from recognized R&D / industrial / academic / S&T organization</p> <p>Or</p> <p>PhD in Physics/ Geophysics / Applied Geophysics from a recognized university with 3 years of research experience in Geophysical / Seismological field work and data analysis from recognized R&D / industrial / academic / S&T organization</p> <p>Desirable Qualifications:</p> <p>Working experience in Unix/Linux OS working knowledge in Seisan, SAC, GMT, MATLAB, GIS. Skill in computer programming using FORTRAN, C++, Python, Shell scripting etc. Experience in handling Broadband, Ambient Noise and Microtremor data. Experience in AI/ML tools for data analytics. Good academic record with at least two publications in reputed SCI Journal.</p>		
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Position Code	No(s) of tentative position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments	Educational Qualification(s) Essential / Desirable	Tenure of the project Up to	Job Requirements
Project(s) Title & (Project Number):	Advanced Computing and Data Science to Support Translational Research of Present and Emerging S&T Paradigm MLP002601						
01/2026/03	06 positions	Project Associate – II [PAT – II] / Project Associate I [PAT – I]	35 years	PAT – II a) Rs.35,000/- per month + House Rent Allowance (HRA) for those candidates who have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT/ DST or equivalent and/or	Essential (PAT-II): i) First class Master’s Degree in Mathematics / Applied Mathematics / Physics (Specialization in Fluid Mechanics / Quantum Computing / Quantum Mechanics) or equivalent from a recognized university AND 2 Years experience in R&D in industrial or academic institutions or S&T organizations & Scientific activities and services. OR ii) M.E./ M. Tech./ Integrated M. Tech. in Computer Science & Engineering /	31.03.2027	1) Formulate and implement AI models that learn underlying physics by incorporating conservation laws (mass, momentum, and energy) into the model architecture, targeting a 10x speedup over traditional numerical solvers (FEM, FDM, FVM). 2) Develop and validate Physics-Informed Neural Networks (PINNs) and neural operators (FNO, DeepONet) to solve complex nonlinear PDEs including Navier-Stokes and wave equations across multiscale domains. 3) Design and implement quantum algorithms (VQE,

			<p>their Agencies/ Institutions.</p> <p>(b) Rs.28000/- per month + HRA for others who do not fall under (a) above.</p> <p>PAT – I</p> <p>a) Rs.31,000/- per month + House Rent Allowance (HRA) for those</p>	<p>Computational Science / AI / ML / Data Science / Mathematics and Computing / Mechanical Engineering (Specialization in Fluid Mechanics, CFD) / Electrical Engineering or equivalent from a recognized university.</p> <p>Essential (PAT-I):</p> <p>B.E./ B.Tech./ M.Sc. or equivalent from a recognized university in Mathematics / Applied Mathematics /</p>	<p>QAOA) and quantum-classical hybrid approaches to accelerate optimization and simulation problems arising in scientific computing workflows.</p> <p>4) Conduct research, develop ML/DL and quantum algorithms. 5) Any other project work assigned.</p>
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			<p>candidates who have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions.</p> <p>(b) Rs.25000/- per month + HRA for others who do not fall under (a) above.</p>	<p>Physics / Computer Science & Engineering / Computational Science / AI / ML / Data Science / Mechanical Engineering / Electrical Engineering or related areas.</p> <p>Desirable:</p> <p>1) Proficiency in solving nonlinear PDEs (Navier-Stokes/wave equations). 2) Knowledge of FEM/FDM/FVM. 3) Familiarity with fluid dynamics and conservation laws. 4) exposure to PINNs/neural operators (FNO, DeepONet). 5) Scientific ML/Deep Learning. 6) Experience benchmarking AI vs classical methods. 7) Quantum programming (Qiskit, PennyLane). 8) Python/PyTorch/TensorFlow. 9) HPC/GPU (CUDA); GATE qualified preferred.</p>	
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Position Code	No(s) of tentative position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments	Educational Qualification(s) Essential / Desirable	Tenure of the project Up to	Job Requirements
Project(s) Title & (Project Number):	Advanced computing and Data Science to support Transitional research of present and emerging S&T Paradigm MLP002601						
01/2026/04	02- Positions	Project Assistant- I (PA-I)	35 years	18,000 + HRA	Essential Qualification (PA-I): SSC/ 10 th plus ITI	1 year	PA – I Activities of a Field Worker Laboratory Assistant Technician Technical Assistant Field Assistant
01/2026/05	02- Positions	Project Assistant- II (PA-II)	35 years	20,000 + HRA Increment of 15% after 3 years of experience in the same project	Essential Qualification (PA-II): B.Sc./3 years Diploma in Engineering / Technology		PA – II Activities of a Field Worker Laboratory Assistant Technician Technical Assistant Field Assistant

Position Code	No(s) of tentative position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments	Educational Qualification(s) Essential / Desirable	Tenure of the project Up to	Job Requirements
Project(s) Title & (Project Number):	Advanced computing and Transitional research of present and emerging S&T Paradigm MLP002601						
01/2026/06	02-position	Project Associate – I/ II [PAT – I/ II]	35 years	PAT – I (a) Rs.31,000/- per month + House Rent Allowance (HRA) for those candidates who have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like	Essential Qualification (PAT-I): B.E./ B.Tech./ M. Sc. in Areas mentioned below. Essential Qualification (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 &	1 year	The role involves operation and management of a cyber testbed, along with providing technical assistance in data handling. Responsibilities include packet and traffic analysis, monitoring network performance and security events, and supporting incident detection and response activities. The candidate will also be expected to document and report technical findings clearly and accurately.

			<p>DBT/ DST or equivalent and/or their Agencies/ Institutions.</p> <p>(b) Rs.25000/- per month + HRA for others who do not fall under (a) above.</p> <p>PAT – II</p> <p>a) Rs.35,000/- per month + House Rent Allowance (HRA) for those candidates who have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions.</p>	<p>Scientific activities and Services.</p> <p>(or)</p> <p>M.E./M. Tech / Integrated M. Tech. in Areas mentioned below.</p> <p>Areas:</p> <p>Computer Science and Engineering/Information Technology</p> <p>Desirable Qualifications:</p> <p>Should have a good knowledge of cybersecurity and be proficient in Linux, with hands-on experience in Python, MySQL, and shell programming. Should be familiar with web services, including HTTP services and TCP/IP protocols, along with network security tools such as Wireshark</p>	
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				(b) Rs.28000/- per month + HRA for others who do not fall under (a) above.	and Nmap.		
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Position Code	No(s) of tentative position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments	Educational Qualification(s) Essential / Desirable	Tenure of the project Up to	Job Requirements
Project(s) Title & (Project Number):	Advanced Computing and Data Science to Support Translational Research of Present and Emerging S&T Paradigm MLP002601						
01/2026/07	04-positions	Project Associate - I [PAT – I]	35 years	(a) Rs.31,000/- per month + House Rent Allowance (HRA) for those candidates who have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by	Essential Qualification: First class Master's Degree in Physics, Agriculture, Agricultural Statistics, Agronomy/Soil Science or equivalent from a recognized University. OR BE/BTech in Computer Science/Computer Science and Electronics, or equivalent from a recognized University. Desirable requirements: Working experience in Crop data collection and analysis, Crop Modelling, Image		Crop Field data collection, crop modelling, Image Analytics, soil nutrient mapping, developing machine learning models

				<p>Central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions.</p> <p>(b) Rs.25000/- per month + HRA for others who do not fall under (a) above.</p>	<p>Analytics, Linux, Python Programming, R Programming etc</p>		
01/2026/08	01- position	Principal Project Associate (PAT)	40 years	49,000 + HRA	<p><u>Essential Qualification:</u></p> <p>First Class in Master's Degree in Physics/Statistics/Mathematics/Atmospheric sciences/Environmental sciences/computer sciences/Remote sensing or equivalent from a recognised University and 6 years experience in R&D in Industrial /academic/Science & technology organizations.</p> <p>OR</p> <p>Doctoral degree in Physics/Atmospheric sciences/Environmental sciences/computer sciences or equivalent from a recognised University and 3 years of experience in R&D in Industrial /academic/Science & technology organizations and scientific activities and services.</p>	31.03.2027	<p>Development of dynamic prediction models, High Resolution Image analytics, AI/ML based predictive modelling and Data modelling.</p>

					<p><u>Desirable requirements:</u></p> <p>Good programming skills in advanced python, R, Experience in Machine and Deep learning tools for predictive data analytics.</p>	
01/2026/09	01-position	Project Scientist (PS)	35 years	<p>56,000 + HRA</p> <p>Increment of 5 % for every 2 years of experience in the same project.</p>	<p><u>Essential Qualification:</u></p> <p>Doctoral Degree in Hydrology/Water (Land) resource management/Remote sensing or equivalent from a recognised University; Candidates with provisional doctoral degree is also eligible to apply</p> <p>OR</p> <p>MTech degree Hydrology/Water (Land) Management/Remote Sensing or equivalent from a recognised University and 4 years of experience in R&D in Industrial /academic/Science & technology organizations</p> <p><u>Desirable requirements:</u></p> <p>Good skills in advanced GIS, Hydrological Modelling, Water resource management, Flood modelling.</p>	<p>Integrated Hydrological model development and image processing.</p> <p><u>Note:</u></p> <p>Selected candidates will be required to visit across India for field surveys and data collection. The selected candidates will be posted at Bangalore.</p> <p>In case no eligible candidate is found suitable for a post, the</p>

							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.
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Position Code	No(s) of tentative position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments	Educational Qualification(s) Essential / Desirable	Tenure of the project Up to	Job Requirements
Project(s) Title & (Project Number):	Zero-shot Land Usage Mapping using Vison Language Models RSF002601						
01/2026/10	01- Position	Project Associate – I/ II [PAT-I/II]	35 years	PAT – I (a) Rs.31,000/- per month + House Rent Allowance (HRA) for those candidates who	Essential Qualification PAT – I: B.E. / B.Tech. / M.Sc. or equivalent from a recognized university in Areas mentioned below: • Computer Science &	31.03.2027	<ul style="list-style-type: none"> • Collect, analyze, and pre-process data for training and evaluation purposes. • Collaborate with team members to integrate solutions into existing systems.

			<p>have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions.</p> <p>(b) Rs.25000/- per month + HRA for others who do not fall under (a) above.</p> <p>PAT – II</p> <p>a) Rs.35,000/- per month + House Rent Allowance (HRA) for those</p>	<p>Engineering / Equivalent</p> <ul style="list-style-type: none"> • Artificial Intelligence • Machine Learning • Data Science • Information Technology / Equivalent • Electronics & Communication Engineering <p>(OR)</p> <p>Essential Qualification PAT-II:</p> <p>i) B.E./ B.Tech./ M.Sc. in Areas mentioned below AND 2 Years experience in R&D in Industrial OR Academic institutions OR S&T Organizations & Scientific Activities and Services</p> <p>(OR)</p> <p>ii) M.E./ M. Tech / Integrated M. Tech. in Areas mentioned below:</p> <ul style="list-style-type: none"> • Computer Science & Engineering / Equivalent • Artificial Intelligence • Machine Learning • Data Science • Information Technology /Equivalent 		<ul style="list-style-type: none"> • Document research findings. • Conduct research and develop ML algorithms. • Any other project work assigned.
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				<p>candidates who have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions.</p> <p>(b) Rs.28000/- per month + HRA for others who do not fall under (a) above.</p>	<p>• Electronics & Communication Engineering/ Tele-Communication</p> <p>Desirable Qualification:</p> <ul style="list-style-type: none"> • Strong Programming skills (Python) and mathematics (ML/DL related) • Knowledge & Proficiency in ML Libraries (Pytorch, Tensorflow etc) • Gate qualified. 	
01/2026/11	01-Position	Project Associate [PAT-I/II]	35 years		<p>Essential Qualification for PAT-I:</p> <ul style="list-style-type: none"> • M.Sc. in Mathematics / Earth Sciences / Physics / Geophysics / Climate Science/ Meteorology / Environmental Sciences / Geo-informatics / Remote Sensing or equivalent. • B.E./ B. Tech (e.g., Geoinformatics, Computer Science, Mechanical, Civil, Environmental Engg, or equivalent.) 	<ul style="list-style-type: none"> • Satellite Data analysis, processing and interpretation, Preparation of GIS maps. • Development of land-use/land-cover datasets. • Metadata generation and dataset documentation. • Field data collection and ground truth verification.

					<p>Essential Qualification for PAT-II:</p> <p>i) M.Sc. in Mathematics / Earth Sciences / Physics / Geophysics/ Climate Science / Meteorology / Environmental Sciences / Geo-informatics / Remote Sensing, or equivalent.</p> <p>(OR)</p> <p>B.E./B. Tech (e.g., Geoinformatics, Computer Science, Mechanical, Civil, Environmental Engg, or equivalent.)</p> <p>AND</p> <p>2 Years experience in R&D in Industrial OR Academic institutions (OR) S&T Organizations & Scientific Activities and Services</p> <p>OR</p> <p>ii) M.E./M.Tech (Atmospheric Sciences / Geo-technical engineering / Geophysics / Environmental Science & Technology /</p>	<ul style="list-style-type: none"> Dataset preparation for machine learning workflows. <p>Any other project work assigned.</p>
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					<p>Geo-engineering / Geo-environmental engineering / Remote Sensing / GIS / Geoinformatics / Climate Science / Radar & Microwave Engineering, or equivalent.)</p> <p>Desirable Skills:</p> <ul style="list-style-type: none">• Experience with satellite data (Sentinel, Landsat, etc.)• Knowledge of GIS tools (QGIS / ArcGIS), Linux• Proficiency in Python (NumPy, Pandas, rasterio, GDAL)• Handling GeoTIFF / NetCDF / raster datasets.		
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Position Code	No(s) of tentative position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments	Educational Qualification(s) Essential / Desirable	Tenure of the project Up to	Job Requirements
Project(s) Title & (Project Number):	Seismic imaging of upper lithosphere beneath Kashmir valley RSF002603						
01/2026/12	01- Position	Project Associate – I/ II [PAT-I/II]	35 years	(a) Rs.31,000/- per month + House Rent Allowance (HRA) for those candidates who have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions.	Educational Qualification PAT-1: B.E/B.Tech. /M.Sc. in Earth Science/ Geophysics/Geology/Earthquake Engineering/Physics PAT-II: B.E/B.Tech. /M.Sc. in Earth Science/ Geophysics/Geology/Physics/Earthquake Engineering + 2 Years of 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 Earth Science/ Geophysics/Geology.	31.03.2027	<ul style="list-style-type: none"> ●Geophysical data analysis ●Writing reports, presentations, documentation, research articles. ●Other project work assigned

				(b) Rs.25000/- per month + HRA for others who do not fall under (a) above.	<u>Desirable Qualification:</u> <ul style="list-style-type: none"> • Experience linux • Experience in handling geophysical/seismological data 		
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Position Code	No(s) of tentative position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments	Educational Qualification(s) Essential / Desirable	Tenure of the project Up to	Job Requirements
Project(s) Title & (Project Number):	Quantifying land subsidence and urban waterlogging in Karnataka, using combined analysis of GNSS, PSInSAR, GRACE, DEM, and LULC. RSF002604						
01/2026/13	01- Position	Project Associate – I [PAT – 1]	35 years	(a) Rs.31,000/- per month + House Rent Allowance (HRA) for those candidates who have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level	<u>Essential Qualification:</u> B.E./ B.Tech./ M. Sc. in Earth Science/ Geophysics/Geology/Hydrology. <u>Desirable Qualification:</u> <ul style="list-style-type: none"> •GNSS and InSAR based Geoscience studies. •GRACE, DEM & LULC Studies. 	31.03.2027	<ul style="list-style-type: none"> •GNSS, InSAR & GRACE, DEM and LULC data processing and analysis. •Writing reports, presentations, documentation, research articles. •Any other project work assigned.

				<p>examinations conducted by Central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions.</p> <p>(b) Rs.25000/- per month + HRA for others who do not fall under (a) above.</p>	<ul style="list-style-type: none"> ●Programming skills (Python) and mathematics (ML/DL) ●CSIR-NET/ GATE qualified or equivalent. 		
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Position Code	No(s) of tentative position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments	Educational Qualification(s) Essential / Desirable	Tenure of the project Up to	Job Requirements
Project(s) Title & (Project Number):	Explainable AI-Driven Spatio-Temporal Analytics for Indigenous Network Telescope Data RSF002605						
01/2026/14	01-Position	Project Associate – I/ II [PAT-I/ II]	35 years	(i)Rs. 35,000/- per month + House Rent Allowance (HRA)*	Essential Qualification: Project Associate – I: B.E/B.Tech. M. Sc. in Computer Science and	31.03.2027	Develop explainable AI models for spatio-temporal analysis of network telescope data. Process and analyze large-scale network datasets. Support cybersecurity research through network monitoring, data pipelines, and

			<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.28000/- per month + HRA for</p>	<p>Engineering/Information Technology/Artificial Intelligence/Machine Learning/Data Science/Statistics</p> <p>Project Associate – II:</p> <p>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 Computer Science and Engineering/Information Technology/Artificial Intelligence/Machine Learning/Data Science/Statistics.</p> <p><u>Desirable Experience:</u></p> <p>Strong programming and backend development skills, with experience in Python and JavaScript, and familiarity with C/C++.</p> <p>Proficient in Flask, HTML/CSS, MySQL,</p>	<p>analytical frameworks. Collaborate on integrating models into scalable systems using Linux-based environments and database systems.</p>
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				others who do not fall under (i) above.	and web services. Experienced in machine learning using pandas, NumPy, PyTorch, and TensorFlow. Knowledge of Cybersecurity fundamentals, including network security and secure coding, is preferred. Familiar with Linux environments, shell scripting, and basic network traffic analysis.		
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Position Code	No(s) of tentative position	Name of position	Maximum Age (as on last date of receipt of application)	Monthly Emoluments	Educational Qualification(s) Essential / Desirable	Tenure of the project Up to	Job Requirements
Project(s) Title & (Project Number):	Towards Trustworthy AI: An Uncertainty quantification Framework for Multimodal AI Platform RSF002602						
01/2026/15	02- Position	Project Associate - I [PAT-I]	35 years	(a) Rs.31,000/- per month + House Rent Allowance (HRA) for those candidates who	Essential Qualification: B.E./ B.Tech./M. Sc in Computer Science and	31.03.2027	Conduct research and develop ML algorithms. Collect, analyze

			<p>have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions.</p> <p>(b) Rs.25000/- per month + HRA for others who do not fall under (a) above.</p>	<p>Engineering/Information Technology/Artificial Intelligence/Machine Learning/Data Science/Statistics/Electrical Engineering/Electronics and Communication Engineering/Electronics and Instrumentation Engineering/software engineering/Computer Science and Business System/ Information Systems/ Computational Linguistics/Information Science and Engineering/Equivalent</p> <p>Desirable Qualification:</p> <p>Good knowledge of programming and mathematics (ML related). Experience with Python and ML (libraries such as pytorch, tensorflow, etc.). GATE qualified/CSIR-UGC NET incl. lectureship/assistant professor.</p>	<p>and pre-process data for training and evaluation purposes. Collaborate with team members to integrate solutions into existing systems. Document research findings.</p>
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General Conditions:

1. The engagement of Project Staff which is on contract basis in respect of all above positions will confer no rights on the candidates, whatsoever, implicitly and / or explicitly for their continuation beyond tenure /absorption/ regularization in CSIR. The engagement shall be for short period and co-terminus with the project and may be terminated at any time by giving a notice of one month from either side or one-month stipend in lieu thereof. Candidature will be purely provisional subject to fulfilling the eligibility criteria.
2. Engagement of Project Staff shall be as per CSIR Guidelines/ Guidelines of the funding agency.
3. Director, CSIR-4PI reserves the right to increase / decrease the number of positions and also cancel the recruitment process for the positions mentioned above at any stage of the recruitment process. The decision of the Director, CSIR-4PI will be final and binding on all candidates at any stage for engagement of Project Staff.
4. Maximum duration in one project or in different projects taken together in CSIR-4PI or other CSIR labs shall not be more than 6 years in any case.
5. The candidate who has worked 06 years as project staff, either in the same laboratory/ Hqrs. and / or different laboratories of CSIR, is not eligible to apply.
6. The prescribed essential qualifications are the minimum and should be in the areas required as above. Mere possession of the same does not entitle candidates to be called for interview. CSIR-4PI will adopt its own criteria for shortlisting of candidates. In case a large number of candidates appear for the interview, the Selection/Screening Committee will have discretion to shortlist the candidates for the interview based on written exam or any other criteria deemed fit.

7. The selection would be based upon the performance in the interview or any other criteria adopted by the selection committee(s). A panel of suitable candidates would be generated after the selection process and the validity of this panel would be for a maximum period of one year. Empanelment does not provide automatic guarantee of engagement.
8. Preference will be given to those with experience as per the desirable skills and ability to work as a part of a team.
9. The date of determining qualification, age and experience shall be the date of Walk-in-Interview/Interview.
- 10.No correspondence will be entertained through any medium regarding the advertisement. No interim enquiry or will be entertained
- 11.Canvassing in any form and/or bringing any influence political or otherwise will be disqualified.
- 12.Any changes in the schedule will be displayed on the website of CSIR-4PI. Therefore, candidates are advised to check the website regularly for updates.

How to Apply:

1. Candidates who fulfil the eligibility criteria should download and fill the application form available on the website of CSIR-4PI and should also take a printout of the filled application form and bring it at the time of interview along with support documents.
2. The applications shall be scrutinized with reference to the essential and desirable qualifications and the list of shortlisted candidates shall be displayed on the institute website.
3. The shortlisted candidates shall be informed regarding the date and time of interview through the institute website/e-mail.

4. Candidates are requested NOT to send the application by post/speed post.
5. Candidates who wish to apply for more than one position need to apply separately for each position

Documents / Certificates to be Produced:

1. If the candidate is already working in CSIR-4PI or any other CSIR labs, a “No Objection Certificate” from the competent authority/Project Leader/HOD is mandatory at the time of interview.
2. In the event of selection, the candidate shall furnish relieving order from the previous employer before reporting for duty.
3. The candidate should mention in the application all the qualifications and experience in the relevant area, over and above the minimum prescribed qualification, supported with documents and ensure that all details are complete and accurate.
4. In respect of equivalence clause in Essential Qualifications, if a candidate is claiming a particular qualification as equivalent qualification for recruitment as per the requirement of 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.
5. Candidates claiming reservation benefits under SC/ST/OBC/PwBD/EWS categories shall clearly mention the category and attach valid documentary proof issued by the competent authority.
6. Engagement of Project Staff will be subject to production of ORIGINAL documents viz. Educational Qualification certificates with all mark sheets, Experience certificates, Caste Certificate etc.

7. In the absence of Degree Certificate, provisional certificates along with the mark sheets pertaining to the degree will be considered.
8. Eligible candidates shall carry duly filled-in application form along with self-attested copies of educational qualifications/mark sheets/certificates and latest passport size photograph for attending the interview.
9. Candidates shall bring a copy of Aadhaar Card or any Government issued ID proof with photograph.
10. Candidates must produce original educational and experience certificates on the day of interview, failing which they will not be permitted to attend the interview.
11. Candidates called for interview shall bring original certificates/testimonials along with self-attested copies in support of age, qualification, experience, category etc.
12. Candidates shall also bring a copy of their bio-data neatly typed on A4 size paper along with the duly filled-in application form.
13. Candidates should indicate in the application form whether any of their blood/close relatives are working in CSIR Hqrs. or any other National Labs/Institutes of CSIR.

Eligibility Conditions:

1. The relaxation in upper age limit for candidates belonging to SC/ST/PwBD/Women categories shall be 05 years and for OBC candidates shall be 03 years or as per Government of India instructions issued from time to time.
2. Failure to produce valid documentary proof in support of age relaxation/category will result in non-consideration of such claims.

3. Candidates who have completed the prescribed educational qualifications alone are eligible to attend the interview.
4. Candidates appearing/appeared in the qualifying examination and awaiting results are not eligible to apply/attend the interview.

Selection / Result Related Instructions:

1. List of selected candidates will be notified on the website of CSIR-4PI.
2. A panel/waiting list may also be prepared for future requirements and shall remain valid for a maximum period of one year.
3. Utilization of the panel will depend upon the availability of positions in various projects during the validity period.

Instructions After Selection / Joining:

1. The selected candidates may contact the Recruitment Section with documents as mentioned under “Documents / Certificates to be Produced” for date and time of reporting for duty, within 15 days.
2. No further extension for joining/reporting will normally be entertained.
3. Candidates who are currently employed shall furnish No Objection Certificate/Relieving Order from the present employer at the time of joining.

Interview Related Instructions:

1. No TA/DA will be paid to the candidates for attending the Walk-in-Interview/Interview.
2. No candidates will be allowed for registration after the prescribed reporting time mentioned in the advertisement.
3. Candidates may be required to attend the interview on the next day also, in case the interview process is not completed on the scheduled day for any reason.

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Controller of Administration
CSIR-4PI