



वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्
सीएसआईआर-चौथा पैराडाइम संस्थान (सीएसआईआर-
4पीआई)

एनएएल बेलूर कैम्पस, पवन सुरंग मार्ग
बेंगलूरु - 560 037, कर्नाटक, भारत



परियोजना कर्मचारियों की अस्थायी आधार पर
नियुक्ति हेतु विज्ञापन

विज्ञापन सं. 01/2026, दिनांक 19/05/2026

वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् (सीएसआईआर) भारत सरकार के विज्ञान एवं प्रौद्योगिकी मंत्रालय के तहत एक स्वायत्त निकाय है। यह सबसे बड़े और विविध वैज्ञानिक संगठनों में से एक है, जहाँ अनुभवी वैज्ञानिक और बड़ी संख्या में शोध विद्वानों के साथ लगभग 38 अत्याधुनिक प्रयोगशालाओं का नेटवर्क है।

सीएसआईआर-चौथा पैराडाइम संस्थान (सीएसआईआर-4पीआई), बेंगलूरु वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् (सीएसआईआर) के तहत एक प्रमुख अनुसंधान संस्थान है, जो वैज्ञानिक तथा औद्योगिक अनुसंधान विभाग, विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार के तहत एक स्वायत्त निकाय है। "सीएसआईआर-4पीआई का विज्ञान वैज्ञानिक कंप्यूटिंग के माध्यम से ट्रांस-डिसिप्लिनरी क्षेत्रों में "हार्ड एंड कम्प्यूटेशनल साइंस एम्पावरिंग डेटा इंटेसिव साइंटिफिक डिस्कवरी" का बड़े पैमाने पर अनुसंधान करना है। → हमारी सुविधाओं में विश्व स्तरीय सुपरकंप्यूटिंग एनविरानमेंट; साइबर सुरक्षा अनुसंधान और अवलोकन (CySeRO) टेस्ट-बेड; ब्रॉडबैंड सिस्टमिक, GNSS और GHG नेटवर्क आदि शामिल हैं। सीएसआईआर-4पीआई को राष्ट्रीय स्तर पर एक लीडर के रूप में मान्यता प्राप्त है और यह तीन दशकों से सभी चार भौगोलिक क्षेत्रों को कवर करते हुए पृथ्वी प्रणाली में अपने बहु-आयामी उच्च प्रभाव अध्ययन के लिए अंतर्राष्ट्रीय स्तर पर प्रतिस्पर्धा कर रहा है।

दिनांक 16.06.2026 को पूर्वाह्न 09.30 बजे पर वॉक-इन इंटरव्यू
स्थान: सीएसआईआर-4पीआई, एनएएल बेलूर कैम्पस, पवन सुरंग मार्ग, बेंगलूरु 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.

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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 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(s) PAT – I Master's degree in Physics / Geophysics / Applied Geophysics/Earth Sciences or equivalent from a recognized university. (Or) 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.	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 motion modelling, earthquake hazard assessment and site characterisation. Management of near real time Broadband, GNSS and Strong Motion observation network.

			<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>(b) Rs.28000/- per month + HRA for others who do not fall under (a) above.</p>	<p>Desirable Qualification:</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, GNSS, Ambient Noise and Microtremor data, NET/GATE qualified.</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 / Seismological field work and data analysis from recognized</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>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	Name of position	Maximum Age (as on last date of	Monthly Emoluments	Educational Qualification(s)	Tenure of the project	Job Requirements
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	position		receipt of application)		Essential / Desirable	Up to	
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 their Agencies/ Institutions.	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 / Computational Science / AI / ML / Data Science / Mathematics and Computing / Mechanical 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, QAOA) and quantum-classical hybrid approaches to accelerate optimization

			<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 candidates who have qualified CSIR-UGC/ ICAR/ R 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>(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 / 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</p>	<p>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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					AI vs classical methods. 7) Quantum programming (Qiskit, PennyLane). 8) Python/PyTorch/TensorFlow. 9) HPC/GPU (CUDA); GATE qualified preferred.		
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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 i n Engineering / Technol ogy		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
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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 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 (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 & Scientific activities and Services. (or) M.E./M. Tech / Integrated M. Tech. in Areas mentioned	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>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>(b) Rs.28000/- per month + HRA for others who do not fall under (a) above.</p>	<p>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 and Nmap.</p>		
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			application)				
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	<p>(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.</p> <p>(b) Rs.25000/- per month + HRA for others who do not fall under (a) above.</p>	<p>Essential Qualification:</p> <p>First class Master's Degree in Physics, Agriculture, Agricultural Statistics, Agronomy/Soil Science or equivalent from a recognized University.</p> <p>OR</p> <p>BE/BTech in Computer Science/Computer Science and Electronics, or equivalent from a recognized University.</p> <p>Desirable requirements:</p> <p>Working experience in Crop data collection and analysis, Crop Modelling, Image Analytics, Linux, Python Programming, R Programming etc</p>		Crop Field data collection, crop modelling, Image Analytics, soil nutrient mapping, developing machine learning models

01/2026/08	01-position	Principal Project Associate (PAT)	40 years	49,000 + HRA	<p>Essential Qualification:</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> <p>Desirable requirements:</p> <p>Good programming skills in advanced python, R, Experience in Machine and Deep learning tools for predictive data analytics.</p>	31.03.2027	Development of dynamic prediction models, High Resolution Image analytics, AI/ML based predictive modelling and Data modelling.
	01-position	Project Scientist (PS)	35 years	56,000 + HRA Increment of 5 % for every 2 years of experience in the same project.	<p>Essential Qualification:</p> <p>Doctoral Degree in Hydrology/Water (Land) resource management/Remote sensing or equivalent from a recognised University; Candidates with provisional doctoral degree</p>		Integrated Hydrological model development

01/2026/09					<p>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>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 post may be downgraded to be filled with suitable candidates. Hence the number of posts for a particular post code may be increased or</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):	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 have qualified C S I R - U G C / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by	Essential Qualification PAT – I: B.E. / B.Tech. / M.Sc. or equivalent from a recognized university in Areas mentioned below: • Computer Science & Engineering / Equivalent • Artificial Intelligence • Machine Learning • Data Science • Information Technology / Equivalent • Electronics & Communication Engineering (OR) Essential Qualification	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. • Document research findings. • Conduct research and develop ML algorithms. • Any other project work assigned.

			<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>PAT – II</p> <p>a) Rs.35,000/- per month + House Rent Allowance (HRA) for those candidates who have qualified C S I R - U G C / ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level examinations conducted by Central Government Departments like</p>	<p>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 (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 • Electronics & Communication Engineering/ Tele-Communication <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. 		
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01/2026/11	01- Position	Project Associate [PAT-I/II]	35 years	<p>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>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.) <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 style="text-align: center;">AND</p>		<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. • Dataset preparation for machine learning workflows. <p>Any other project work assigned.</p>
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					<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 / Geotechnical engineering / Geophysics / Environmental Science & Technology / 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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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. (b) Rs.25000/- per month + HRA	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. Desirable Qualification: <ul style="list-style-type: none"> ● Experience linux 	31.03.2027	<ul style="list-style-type: none"> ●Geophysical data analysis ●Writing reports, presentations, documentation, research articles. ●Other project work assigned

				for others who do not fall under (a) above.	● 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 examinations conducted by Central Government	Essential Qualification: B.E./ B.Tech./ M. Sc. in Earth Science/ Geophysics/Geology/Hydrology. Desirable Qualification: ●GNSS and InSAR based Geoscience studies. ●GRACE, DEM & LULC Studies. ●Programming skills (Python) and mathematics (ML/DL)	31.03.2027	●GNSS, InSAR & GRACE, DEM and LULC data processing and analysis. ●Writing reports, presentations, documentation, research articles. ●Any other project work assigned.

				<p>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>●CSIR-NET/ GATE qualified or equivalent.</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):	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)* (ii)Rs. 28,000/- per month + House Rent Allowance (HRA)	Essential Qualification: Project Associate – I: B.E/B.Tech. M. Sc. in Computer Science and Engineering/Information Technology/Artificial Intelligence/Machine Learning/Data	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 analytical frameworks. Collaborate on integrating models into scalable systems using Linux-based environments and database

				<p>* (i) Rs. 35,000/- per month + HRA to scholars who are selected through (a) National Eligibility Tests C S I R - U G C 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>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, and web services.</p> <p>Experienced in machine learning using pandas, NumPy, PyTorch, and TensorFlow. Knowledge</p>	<p>systems.</p>
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					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 have qualified CSIR-UGC/ ICAR/ ICMR NET incl. lectureship/assistant professorship or GATE OR those who have qualified National level	Essential Qualification: B.E./ B.Tech./M. Sc in Computer Science and Engineering/Information Technology/Artificial Intelligence/Machine Learning/Data Science/Statistics/Electrical Engineering/Electronics and Communication	31.03.2027	Conduct research and develop ML algorithms. Collect, analyze and pre-process data for training and evaluation purposes. Collaborate with team members to integrate

				<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>	<p>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>solutions into existing systems. Document research findings.</p>
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सामान्य शर्तें:

1. ऊपर बताए गए सभी पदों के लिए परियोजना कर्मचारी की नियुक्ति अनुबंध के आधार पर होगी। इससे उम्मीदवारों को उनके कार्यकाल के बाद भी काम जारी रखने, सीएसआईआर में स्थायी होने या नियमित होने का कोई भी अधिकार—चाहे वह स्पष्ट रूप से हो या निहित रूप से—नहीं मिलेगा। यह नियुक्ति लघु अवधि के लिए होगी और परियोजना के साथ ही समाप्त हो जाएगी। इसे किसी भी समय, किसी भी पक्ष द्वारा एक महीने का नोटिस देकर, या नोटिस के बदले एक महीने का वेतन (स्टइपेंड) देकर समाप्त किया जा सकता है। उम्मीदवारी पूरी तरह से अस्थायी होगी और पात्रता मानदंडों को पूरा करने पर निर्भर करेगी।
2. परियोजना कर्मचारी की नियुक्ति सीएसआईआर के दिशानिर्देशों या कंडिग एजेंसी के दिशानिर्देशों के अनुसार होगी।
3. सीएसआईआर-4पीआई के निदेशक को यह अधिकार होगा कि वे भर्ती प्रक्रिया के किसी भी चरण में, ऊपर बताए गए पदों की संख्या को बढ़ा या घटा सकते हैं, और साथ ही भर्ती प्रक्रिया को रद्द भी कर सकते हैं। परियोजना कर्मचारी की नियुक्ति के संबंध में, किसी भी चरण पर, सीएसआईआर-4पीआई के निदेशक का निर्णय ही अंतिम और सभी उम्मीदवारों पर बाध्यकारी होगा।
4. सीएसआईआर-4पीआई या सीएसआईआर की अन्य प्रयोगशालाओं में, किसी एक परियोजना में या अलग-अलग परियोजनाओं में मिलाकर काम करने की अधिकतम अवधि, किसी भी स्थिति में 6 वर्ष से अधिक नहीं होनी चाहिए।
5. जो उम्मीदवार सीएसआईआर की किसी एक प्रयोगशाला/मुख्यालय में या अलग-अलग प्रयोगशालाओं में, परियोजना कर्मचारी के रूप में 06 वर्ष तक काम कर चुके हैं, वे इस पद के लिए आवेदन करने के पात्र नहीं हैं।
6. निर्धारित आवश्यक योग्यताएँ न्यूनतम हैं और वे ऊपर बताए गए आवश्यक क्षेत्रों से संबंधित होनी चाहिए। केवल ये योग्यताएँ होने मात्र से ही उम्मीदवार साक्षात्कार के लिए बुलाए जाने के हकदार नहीं हो जाते। सीएसआईआर-4पीआई उम्मीदवारों की शॉर्टलिस्टिंग के लिए अपने स्वयं के मानदंड अपनाएगा। यदि साक्षात्कार के लिए बड़ी संख्या में उम्मीदवार उपस्थित होते हैं, तो चयन/स्क्रीनिंग समिति के पास यह विवेकाधिकार होगा कि वे लिखित परीक्षा या किसी अन्य उपयुक्त मानदंड के आधार पर साक्षात्कार के लिए उम्मीदवारों को शॉर्टलिस्ट करें।
7. चयन का आधार साक्षात्कार में उम्मीदवार का निष्पादन या चयन समिति द्वारा अपनाए गए कोई अन्य मानदंड होंगे। चयन प्रक्रिया पूरी होने के बाद, योग्य उम्मीदवारों का एक पैनल तैयार किया जाएगा, और इस पैनल की वैधता अधिकतम एक वर्ष की अवधि के लिए होगी। पैनल में शामिल होने मात्र से ही नियुक्ति की कोई स्वतः गारंटी नहीं मिल जाती है।
8. उन उम्मीदवारों को प्राथमिकता दी जाएगी जिनके पास वांछित कौशल के अनुसार अनुभव हो और जो एक टीम के हिस्से के रूप में काम करने की क्षमता रखते हों।
9. योग्यता, आयु और अनुभव निर्धारित करने की तिथि वॉक-इन-इंटरव्यू/इंटरव्यू की तिथि होगी।
10. इस विज्ञापन के संबंध में किसी भी माध्यम से किए गए पत्राचार पर विचार नहीं किया जाएगा। किसी भी प्रकार की अंतरिम पूछताछ पर भी विचार नहीं किया जाएगा।
11. किसी भी रूप में सिकारिश करना और/या राजनीतिक या अन्य किसी भी प्रकार का प्रभाव डालने का प्रयास करने पर उम्मीदवारी रद्द कर दी जाएगी।
12. कार्यक्रम में किसी भी प्रकार के बदलाव की जानकारी सीएसआईआर-4पीआई की वेबसाइट पर प्रदर्शित की जाएगी। इसलिए, उम्मीदवारों को सलाह दी जाती है कि वे अपडेट के लिए नियमित रूप से वेबसाइट देखते रहें।

आवेदन कैसे करें:

1. जो उम्मीदवार पात्रता मानदंडों को पूरा करते हैं, उन्हें सीएसआईआर-4पीआई की वेबसाइट पर उपलब्ध आवेदन पत्र डाउनलोड करके भरना चाहिए; साथ ही, भरे हुए आवेदन पत्र का प्रिंटआउट लेकर उसे साक्षात्कार के समय सहायक दस्तावेजों के साथ लाना चाहिए।
2. आवश्यक और वांछनीय योग्यताओं के संदर्भ में आवेदनों की जांच की जाएगी, और चुने गए उम्मीदवारों की सूची संस्थान की वेबसाइट पर प्रदर्शित की जाएगी।
3. चुने गए उम्मीदवारों को साक्षात्कार की तिथि और समय के बारे में संस्थान की वेबसाइट/ई-मेल के माध्यम से सूचित किया जाएगा।
4. उम्मीदवारों से अनुरोध है कि वे आवेदन डाक/स्पीड पोस्ट से न भेजें।
5. जो उम्मीदवार एक से अधिक पदों के लिए आवेदन करना चाहते हैं, उन्हें प्रत्येक पद के लिए अलग से आवेदन करना होगा।

प्रस्तुत किए जाने वाले दस्तावेज / प्रमाण पत्र:

1. यदि उम्मीदवार पहले से ही सीएसआईआर-4पीआई या किसी अन्य सीएसआईआर संस्थान में कार्यरत है, तो साक्षात्कार के समय सक्षम प्राधिकारी/परियोजना लीडर/प्रभाग प्रधान से "अनापत्ति प्रमाण पत्र → प्रस्तुत करना अनिवार्य है।
2. चयन होने की स्थिति में, उम्मीदवार को इयूटी पर रिपोर्ट करने से पहले अपने पिछले नियुक्ता से 'कार्य-मुक्त आदेश' प्रस्तुत करना होगा।
3. उम्मीदवार को आवेदन में, निर्धारित न्यूनतम योग्यता के अतिरिक्त, संबंधित क्षेत्र में अपनी सभी योग्यताओं और अनुभव का उल्लेख करना चाहिए; साथ ही, उन्हें संबंधित दस्तावेजों द्वारा समर्थित करना चाहिए और यह सुनिश्चित करना चाहिए कि सभी विवरण पूर्ण और सटीक हों।
4. आवश्यक योग्यताओं में 'समकक्षता खंड' के संबंध में: यदि कोई उम्मीदवार विज्ञापन की आवश्यकता के अनुसार भर्ती के लिए किसी विशेष योग्यता को 'समकक्ष योग्यता' के रूप में दावा कर रहा है, तो उसे इस संबंध में एक आदेश/पत्र प्रस्तुत करना आवश्यक है। इस पत्र में उस प्राधिकारी (संख्या और तिथि सहित) का उल्लेख होना चाहिए जिसके तहत उस योग्यता को समकक्ष माना गया है; अन्यथा, आवेदन अस्वीकृत किया जा सकता है।
5. अजा/अजजा/अपिव/मादिव्या/आकव श्रेणियों के तहत आरक्षण लाभ का दावा करने वाले उम्मीदवारों को अपनी श्रेणी का स्पष्ट रूप से उल्लेख करना चाहिए और सक्षम प्राधिकारी द्वारा जारी वैध दस्तावेजी प्रमाण संलम्ब करना चाहिए।
6. परियोजना कर्मचारी की नियुक्ति, मूल दस्तावेजों (जैसे: सभी अंक-पत्रों सहित शैक्षिक योग्यता प्रमाण पत्र, अनुभव प्रमाण पत्र, जाति प्रमाण पत्र आदि) के प्रस्तुतीकरण के अधीन होगी।
7. डिग्री प्रमाण पत्र के अभाव में, डिग्री से संबंधित अंक-पत्रों के साथ 'अन्तिम प्रमाण पत्र' पर विचार किया जाएगा।
8. पात्र उम्मीदवार, साक्षात्कार में शामिल होने के लिए, विधिवत भरा हुआ आवेदन पत्र, अपनी शैक्षिक योग्यताओं/अंक-पत्रों/प्रमाण पत्रों की स्व-प्रमाणित प्रतियों और नवीनतम पासपोर्ट आकार के फोटोग्राफ साथ लाएं।
9. उम्मीदवार अपने आधार कार्ड की एक प्रति, या फोटोग्राफ युक्त सरकार द्वारा जारी कोई अन्य पहचान पत्र साथ लाएं।
10. उम्मीदवारों को साक्षात्कार के दिन अपने मूल शैक्षिक और अनुभव प्रमाण पत्र प्रस्तुत करना अनिवार्य है; ऐसा न करने पर उन्हें साक्षात्कार में शामिल होने की अनुमति नहीं दी जाएगी।
11. साक्षात्कार के लिए बुलाए गए उम्मीदवार, अपनी आयु, योग्यता, अनुभव, श्रेणी आदि के समर्थन में, मूल प्रमाण पत्रों/दस्तावेजों के साथ-साथ उनकी स्व-प्रमाणित प्रतियां भी साथ लाएं।
12. उम्मीदवार अपने बायो-डाटा की एक प्रति (जो A4 आकार के कागज पर साफ-सुथरे ढंग से टाइप की गई हो), विधिवत भरे हुए आवेदन पत्र के साथ लेकर आएँ।
13. उम्मीदवार आवेदन पत्र में स्पष्ट रूप से उल्लेख करें कि क्या उनका कोई रक्त-संबंधी या निकट संबंधी सीएसआईआर मुख्यालय या सीएसआईआर की किसी अन्य राष्ट्रीय प्रयोगशाला/संस्थान में कार्यरत है।

हस्ताक्षरित
प्रशासन नियंत्रक
सीएसआईआर-4पीआई