



सीएसआईआर-संरचनात्मक अभियांत्रिकी अनुसंधान केन्द्र
CSIR-STRUCTURAL ENGINEERING RESEARCH CENTRE
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् Council of Scientific and Industrial Research)
सीएसआईआर रोड CSIR Road, तरमणी Taramani, चेन्नै Chennai 600 113

सं No.A1(680)95-Rct.

दिनांक Dated: 05th July 2024

अधिसूचना सं. NOTIFICATION No.SE-1/2024

सीएसआईआर – एसईआरसी, चेन्नई में अस्थायी आधार पर वैज्ञानिक प्रशासनिक सहायक / परियोजना सहायक / परियोजना सहयोगी I & II की नियुक्ति
Engagement of Scientific Administrative Assistants / Project Assistant / Project Associate- I & II on temporary basis to work in CSIR-SERC
Chennai.

CSIR- STRUCTURAL ENGINEERING RESEARCH CENTRE (SERC), Chennai is a National Laboratory under the aegis of Council of Scientific & Industrial Research (CSIR). It is one of the world's premier institute engaged in Research & Development in the area of Structural Engineering.

CSIR-SERC desires to engage talented candidates as **Scientific Administrative Assistant / Project Assistant / Project Associate- I & II** on temporary basis in various projects at SERC, Chennai as per qualification, age etc., detailed in the table below:

Sl. No	Date of interview/ Time/ Venue/	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
1. (a)	22.07.2024 (MONDAY) 9.00 AM TO 11.00 AM TDC Building	वैज्ञानिक प्रशासनिक सहायक Scientific Administrative Assistant	<u>आवश्यक Essential:</u> > Graduation in any discipline from a recognized University/ Institute <u>वांछनीय Desirable:</u> > Candidates having one-year experience related to administration are preferable. Those who have good knowledge of computer and good communication and typewriting skills (English) will be given preference.	05 positions	50 years	Six months	₹ 18,000/- p.m. + HRA

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(b)	22.07.2024 (MONDAY) 9.00 AM TO 11.00 AM TDC Building	वैज्ञानिक प्रशासनिक सहायक Scientific Administrative Assistant	आवश्यक Essential: ➤ Graduation in any discipline from a recognized University/ Institute वांछनीय Desirable: ➤ Candidates having one-year experience related to Finance & Accounts are preferable. Those who have good knowledge of computer and good communication and typewriting skills (English) will be given preference	01 position	50 years	Six months (\$)	₹ 18,000/- p.m. + HRA
(c)	22.07.2024 (MONDAY) 9.00 AM TO 11.00 AM TDC Building	वैज्ञानिक प्रशासनिक सहायक Scientific Administrative Assistant	आवश्यक Essential: ➤ Graduation in any discipline from a recognized University/ Institute वांछनीय Desirable: ➤ Candidates having one-year experience related to Purchase & stores are preferable. Those who have good knowledge of computer and good communication and typewriting skills (English) will be given preference.	01 position	50 years	Six months (\$)	₹ 18,000/- p.m. + HRA

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2.	Title of the Project: FTT040502- "Technology for expansion joint-free bridge deck system using engineered cementitious composites (ECC-EXF)"						
(a)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहायक Project Assistant FTT040502 – P. ASST	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ 3 years Diploma in Civil / Mechanical Engineering and Technology <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ B. E / B. Tech in Civil / Mechanical Engineering from recognized University / Institute or equivalent. ➤ Knowledge of one or more of the following areas are desirable: <ul style="list-style-type: none"> • Concrete Technology • Softwares like AutoCAD, STAAD Pro, etc. <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Experimental and simulation-based investigations on engineered cementitious composites, structural components and bridge deck systems under different types of load scenarios. 	03 Positions	50 years	UPTO MARCH 2025 (May be extendable upto March 2026)	₹ 20,000/- p.m. + HRA
(b)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी-I Project Associate-I FTT040502 – PA-I	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B.E/ B. Tech in Civil Engineering/ Mechanical Engineering/ Material Science and Engineering from recognized University / Institute or equivalent.; and 	03 Positions	35 years	UPTO MARCH 2025 (May be extendable up to March 2026)	₹31,000/- p.m. + HRA (GATE holder) ₹ 25,000/- p.m. + HRA (Non-GATE)

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			<p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E/ M. Tech/ M.S in Civil /Structural Engg/ Applied Mechanics / Structural Dynamics/ Forensic Stru. Engg. / CAD/ Engg. Design/ infrastructure Engg. & Management/ Stru. & Earthquake Engg. / Aerospace Engg. from recognized University / Institute or equivalent. ➤ Knowledge of one or more of the following areas are desirable <ul style="list-style-type: none"> • Basics of programming languages like MATLAB, Python, etc. • Softwares like STAAD Pro, ANSYS, ABAQUS etc. <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Experimental and simulation-based investigations on engineered cementitious composites, structural components and bridge deck systems under different types of load scenarios. 				
3.	Title of the Project: NCP040302- "Dynamically resilient steel-concrete composite super-structure for rapid transportation (Dyna-Com)"						
(a)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहायक Project Assistant NCP040302 P. ASST	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ 3 years Diploma in Civil/ Mechanical Engineering and Technology <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ B. E / B. Tech in Civil / Mechanical Engineering from recognized University / Institute or equivalent. ➤ Knowledge of one or more of the following areas are desirable: 	02 Positions	50 years	UPTO MARCH 2025 (may be extendable upto March 2026)	₹ 20,000/- p.m. + HRA



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			<p>➤ Software like AutoCAD, STAAD Pro, etc.</p> <p>कार्य विवरण Job Description:</p> <p>➤ Experimental and simulation-based investigations on high performance concrete and steel-concrete composite girders</p>				
(b)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी-I Project Associate-I NCP040302 – PA-I	<p>आवश्यक Essential:</p> <p>➤ B.E / B. Tech in Civil Engineering from recognized University / Institute or equivalent.</p> <p>वांछनीय Desirable:</p> <p>➤ M. E /M. Tech /M. S in Civil /Structural Engg/ Applied Mechanics / Structural Dynamics/ Forensic Stru. Engg. / CAD/ Engg. Design/ infrastructure Engg. & Management/ Stru. & Earthquake Engg. / Aerospace Engg. from recognized University / Institute or equivalent.</p> <p>➤ Valid GATE score</p> <p>➤ Knowledge of one or more of the following areas are desirable:</p> <ul style="list-style-type: none"> • Basic of programming languages like MATLAB, Python, etc. • Software like STAAD Pro, ANSYS, ABAQUS, etc. <p>कार्य विवरण Job Description:</p> <p>➤ Experimental and simulation-based investigations on high performance concrete and steel-concrete composite girders</p>	02 Positions	35 years	UPTO MARCH 2025 (may be extendable upto March 2026)	₹31,000/- p.m. + HRA (GATE holder) ₹ 25,000/- p.m. + HRA (Non-GATE)



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4.	Title of the Project: IHP24/03- "UAV-assisted photogrammetry and deep learning for rapid structural inspection and automated damage mapping of Industrial structures"						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II IHP24/03 – PA-II	<p><u>आवश्यक Essential:</u></p> <ul style="list-style-type: none"> ➤ B. E / B. Tech in Information Technology/ Computer Science/ Electronics/ Electronics and communication Engineering or Equivalent OR M. Sc in Information Technology/ Computer Science/ or equivalent OR Masters in Computer Applications (MCA)/ OR equivalent and ➤ 2 years of experience in R&D in Industrial and Academic Institutions or S&T Organizations and scientific activities and services. <p><u>वांछनीय Desirable:</u></p> <ul style="list-style-type: none"> ➤ M.E/ M. Tech in Information Technology/ Computer Science/ Electronics/ Electronics and Communication Engineering or Equivalent. ➤ With/ Without CSIR- UGC NET or GATE qualification. ➤ Candidate having knowledge of one or more of the following areas are desirable: <ul style="list-style-type: none"> • Hands on experience on python programming, DL and ML frameworks such as PyTorch, TensorFlow, Keras OpenCV etc. • Preference will be given to candidates with work experience in Computer 	01 Position	35 years	UPTO MARCH 2025 (may be extendable upto September 2025)	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)

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			Vision applications, Artificial Intelligence and Photogrammetry. कार्य विवरण Job Description: ➤ Development of an automated and reliable deep learning framework integrated with image processing techniques for object detection and segmentation tasks in structural condition assessment.				
5.	Title of the Project: FTT060510- "Scale-up and Field Trail for Spectral Converting Diverging Optics Integrated Solar Sharing Agrivoltaics Technology"						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II FTT060510- PA-II	आवश्यक Essential: ➤ B. E/ B. Tech in Civil/ Mechanical/ Aerospace Engineering or its equivalent from recognized University/ Institute and ➤ 2 years of experience in R&D in Industrial and Academic Institutions or S&T Organizations and scientific activities and services वांछनीय Desirable: ➤ M.E/ M. Tech/ M.S in Structural Engineering/ Aerospace Engineering/ Computer Aided Structural Engineering from recognized University/ Institute or equivalent with First class in Graduate degree and ➤ GATE Score/ non-GATE	01 Position	35 years	UPTO MARCH 2025 (may be extendable upto March 2026)	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)

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			<p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate having knowledge of one or more of the following areas are desirable: <ul style="list-style-type: none"> • Familiarity with structural analysis software like ANSYS, STAAD, ABAQUS, OpenSEES, ETAB, SAP 2000. • Familiarity with programming languages like MATLAB experimental techniques. • Experience in design of steel structures/ offshore structures based on existing codes. • Experimental techniques for structural engineering and earthquake engineering <p>Candidates having working knowledge of professional software's used for finit element and CFD analysis will be given preference</p>				
6.	Title of the Project: NCP040303- "Fatigue and Fracture Behaviour of Piping Components under Different Mechanical and Environmental Conditions"						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी-I Project Associate-I NCP040303 – PA-I	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B.E/ B. Tech in Civil Engineering from recognized University/ Institute or its equivalent. <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ B.E/ B. Tech in Civil Engineering with First Class from recognized University/ Institute or its equivalent. 	02 Positions	35 years	UPTO MARCH 2025	₹ 25,000/- p.m. + HRA (non- GATE)



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			<p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate having knowledge in experimental investigations, Data processing, AUTOCAD and MS Office. 				
7.	Title of the Project: IHP24/05– “Vulnerability assessment of reinforced concrete columns prone to brittle shear failure”						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II IHP24/05 – PA-II	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B. E / B. Tech in Civil / Mechanical Engineering or its equivalent from recognized University / Institute and ➤ 2 years of experience in R&D in Industrial and Academic Institutions or S&T Organizations and scientific activities and services. <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E /M. Tech in Structural Engineering with First class from recognized University/ Institute equivalent. ➤ GATE score. <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Familiarity with structural analysis software like ABAQUS, OpenSEES, SAP2000. ➤ Familiarity with programming languages like MATLAB, python etc. ➤ Experimental techniques in structural engineering. 	01 Position	35 years	UPTO MARCH 2025 (may be extendable upto September 2025)	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)

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8	Title of the Project: IHP24/01- "Methodologies for prediction of hydrogen-assisted fatigue in piping components using a phase-field approach"						
(a)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहायक Project Assistant IHP24/01- P. ASST	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ 3 years Diploma in Civil / Mechanical Engineering / Technology or its equivalent. <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate having knowledge in one or more of the following: <ul style="list-style-type: none"> • Knowledge of Basic programming in MATLAB or Python • Familiarity with computer-aided design (CAD) software such as SolidWorks, AutoCAD etc. 	01 Position	50 years	UPTO MARCH 2025	₹ 20,000/- p.m. + HRA
(b)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II IHP24/01 – PA-II	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ Bachelor's degree in Structural/ Civil/ Mechanical/ Applied Mechanics/ Material Science in engineering or technology from a recognized university or equivalent, and ➤ 2 years of experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E / M. Tech./ MS in Structural/ Civil/ Mechanical/ Applied Mechanics/ Material Science in Engineering or Technology from recognized university or equivalent with First Class in Graduate, and, ➤ GATE Score 	01 Position	35 years	UPTO MARCH 2025	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)

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			<p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate having knowledge in one or more of the following: <ul style="list-style-type: none"> • Exposure FEA packages like ABAQUS, ANSYS etc. • Knowledge of computer programming in MATLAB, C, C++ or Python • Knowledge of applied mechanics or material science or fracture mechanics • Experimental and numerical fatigue studies on piping steel 				
9.	Title of the Project: FTT040501 – “Adaptive Mass Damper using MRE for dynamic vibration reduction of piping systems”						
(a)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II FTT 040501 – PA-II	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B. E / B. Tech in Civil / Mechanical/ Aerospace Engineering or its equivalent from recognized University / Institute and ➤ 2 years of experience in R&D in industrial / academic institutions / S&T organizations / scientific activities / Services. <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E / M. Tech / M.S in Civil / Structural/ CAD, CAM/ Aerospace/ Aeronautical/ Struc. Dynamics/ Engg. Design / Earthquake Engg. / Mechanical Engineering or its equivalent from recognized University / Institute. ➤ With/ without gate qualification. 	02 Positions	35 years	UPTO MARCH 2025 (may be extendable upto March 2026)	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)



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			<p>कार्य विवरण Job Description:</p> <p>Candidates having knowledge in one or more of the following</p> <ul style="list-style-type: none"> • Knowledge of CAD software (like AUTOCAD), data processing tools, experimental techniques. • Familiarity with structural analysis / numerical simulation software (SAP/ETABS/ANSYS/ABAQUS/COMSOL etc.) • Familiarity with programming languages like MATLAB /Python 				
(b)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी-I Project Associate-I FTT 040501 – PA-I {Polymer Engineering}	<p>आवश्यक Essential:</p> <p>➤ B. E / B. Tech in Polymer Engineering / Rubber Technology or its equivalent from a recognized University / Institute equivalent.</p> <p>वांछनीय Desirable:</p> <p>➤ M. E / M. Tech in Polymer Engineering / Rubber Technology Engineering or its equivalent from a recognized University/ Institute equivalent</p> <p>कार्य विवरण Job Description:</p> <p>➤ Candidates having knowledge in one or more of the following:</p> <ul style="list-style-type: none"> • Knowledge / Experience in working with silicone / rubber materials & their testing methods. • Familiarity with analysis / numerical simulation software (ANSYS/ ABAQUS/ 	01 Position	35 years	UPTO MARCH 2025 (may be extendable upto March 2026)	₹31,000/- p.m. + HRA (GATE holder) ₹ 25,000/- p.m. + HRA (Non-GATE)

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			<ul style="list-style-type: none"> COMSOL etc) for hyper-elastic material simulation <p>Familiarity with programming languages like MATLAB / Python</p>				
(c)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी-I Project Associate-I FTT 040501 – PA-I {Electrical Engineering}	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> B. E / B. Tech in Electrical Engineering or its equivalent from recognized University / Institute equivalent <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> M. E / M. Tech in Electrical Engineering or its equivalent from recognized University / Institute equivalent <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> Candidates having knowledge in one or more of the following: <ul style="list-style-type: none"> Knowledge of electromagnetic design with strong understanding of Electromagnetic Theory Familiarity with software tools such as ANSYS Maxwell, COMSOL Multiphysics, or CST Studio Suite for simulating electromagnetic phenomena and optimizing designs. Familiarity with computer-aided design (CAD) software such as 	01 Position	35 years	UPTO MARCH 2025 (may be extendable upto March 2026)	₹31,000/- p.m. + HRA (GATE holder) ₹ 25,000/- p.m. + HRA (Non-GATE)

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			SolidWorks or AutoCAD, programming languages like MATLAB / Python • Knowledge of control system design				
10.	Title of the Project: FCP512401- "Vibration Testing under Controlled Environment"						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II FCP512401- PA-II	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B.E/ B. Tech in Civil/ Mechanical/ Aerospace Engineering or its equivalent from recognized University/ Institute equivalent and ➤ 2 years of experience in R&D in Industrial and Academic Institutions or S&T Organizations and scientific activities and services. <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E/ M. Tech in Civil / Mechanical / CAD, CAM/ Aerospace/ Aeronautical/ Applied Mechanics / Engg. Design / Earthquake Engg. with First class from recognized University/ Institute equivalent. ➤ GATE score <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Familiarity with structural analysis software like ANSYS, STAAD, ABAQUS, OpenSEES, ETAB, SAP2000 ➤ Familiarity with programming languages like MATLAB, C, C++, python etc. ➤ Experimental techniques for structural engineering and earthquake engineering. 	02 Positions	35 years	UPTO MARCH 2025	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)

Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
11.	Title of the Project: FTT060512- "FloaTech: A Floating Foundation Technology for Offshore Renewable Energy Structures"						
(a)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहायक Project Assistant FTT060512- P. ASST	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ 3 years Diploma in Civil Engineering or Technology or equivalent <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ B.E/ B. Tech in Ocean Engineering and Naval Architecture/ Civil Engineering from recognized University/ Institute or equivalent. <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Knowledge of CAD software (like AUTOCAD), data processing, and experimental techniques. ➤ Familiarity with the offshore structural analysis software. 	01 Position	50 years	UPTO MARCH 2025 (May be extendable upto March 2026)	₹ 20,000/- + p.m. HRA
(b)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II FTT060512- PA-II	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B.E/ B. Tech in Ocean Engineering and Naval Architecture/ Civil Engineering from recognized University/ Institute or equivalent and ➤ 2 years of experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services 	03 Positions	35 years	UPTO MARCH 2025 (May be extendable upto March 2026)	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)

Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
			<p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E / M. Tech./ MS in Ocean Engineering (Offshore structures) / Civil Engineering (Structures) with First class from recognized University/ Institute or equivalent ➤ GATE score <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Familiarity with the offshore structural analysis software like ANSYS-AQWA, STAAR-CCM+, OpenFAST etc. ➤ Familiarity with the programming languages like MATLAB, Python etc. ➤ Knowledge of experimental investigations for offshore structures 				
12.	Title of the Project: FTT040506- "High performance lead free piezoelectric materials based self-powered vibration sensors for real time health monitoring of structures and machines"						
(a)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी -II Project Associate-II FTT040506 -PA- II	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B.E/ B. Tech in Civil/ Structural Engineering or its equivalent from recognized university / institute and ➤ 2 years of experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services 	01 Position	35 years	UPTO DECEMBER 2024 (May be extendable upto March 2026)	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)



Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
			<p><u>वांछनीय Desirable:</u></p> <ul style="list-style-type: none"> ➤ M.E / M.Tech / M.S in Civil / Structural engineering or its equivalent from recognized university/ institute with first class ➤ GATE score <p><u>कार्य विवरण Job Description:</u></p> <ul style="list-style-type: none"> ➤ Candidate has to assist the scientists in carrying out experimental investigations, developing lab models, designing the instrumentation scheme etc. ➤ Familiarity with the software for analysis like Staadpro / Ansys / Abaqus etc. ➤ Knowledge on post processing of data using basic programming languages like python / MATLAB 				
(b)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी -I Project Associate-I FTT040506 -PA- I	<p><u>आवश्यक Essential:</u></p> <ul style="list-style-type: none"> ➤ B.E / B. Tech in Electronics/ Electrical/ Instrumentation or its equivalent from recognized university / institute <p><u>वांछनीय Desirable:</u></p> <ul style="list-style-type: none"> ➤ M.E / M.Tech / M.S in Electronics / Electrical / Instrumentation engineering or its equivalent from recognized university / institute with first class ➤ 2 years of experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services. ➤ Valid GATE score 	01 Position	35 years	UPTO DECEMBER 2024 (May be extendable upto March 2026)	₹31,000/- + HRA (GATE holder) ₹ 25,000/- + HRA (Non-GATE)



Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
			<p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate has to assist the scientists in carrying out experimental investigations, developing lab models, designing the instrumentation scheme etc. ➤ Familiarity with the software for analysis like Staadpro / Ansys / Abaqus etc. ➤ Knowledge on post processing of data using basic programming languages like python / MATLAB 				
13.	Title of the Project: SSP 388 – “Performance assessment of approach spans of Rail cum Road Bridge at Munger Ghat (NH 333B) in the state of Bihar”						
(a)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II SSP 388 – PA-II	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B.E/ B. Tech in Civil Engineering or its equivalent from recognized university / institute and ➤ 2 years of experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E / M. Tech / M.S in Civil / Structural engineering or its equivalent from recognized university/ institute with first class ➤ GATE score 	01 Position	35 years	UPTO DECEMBER 2024 (may be extendable upto November 2025)	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)



Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
			<p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate has to assist the scientists in carrying out experimental investigations, developing lab models, designing the instrumentation scheme etc. ➤ Familiarity with the software for analysis like Staadpro / Ansys / Abaqus etc is preferable ➤ Knowledge on post processing of data using basic programming languages like python / MATLAB is preferable 				
(b)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- I Project Associate-I SSP 388 - PA-I	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B.E / B. Tech in Civil Engineering or its equivalent from recognized university / institute <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ Valid GATE score <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate has to assist the scientists in carrying out experimental investigations, developing lab models, designing the instrumentation scheme etc. ➤ Familiarity with the software for analysis like Staadpro / Ansys / Abaqus etc. 	01 Position	35 years	UPTO DECEMBER 2024 (may be extendable upto November 2025)	₹31,000/- p.m. + HRA (GATE holder) ₹ 25,000/- p.m. + HRA (Non-GATE)



Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
15.	Title of the Project: GAP 58 – “Intelligent Fiber Optic based sensing system for monitoring and predicting structural disasters in critical infrastructures (I-Sense)”						
(a)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II GAP 58 – PA-II {Civil Engineering}	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B. E / B. Tech in Civil / Structural Engineering or its equivalent from recognized university / institute and ➤ 2 years of experience in R & D in industrial and academic institutions or S & T organizations and scientific activities and services. <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E / M. Tech / M.S in Civil / Structural Engineering or its equivalent from recognized University / Institute with first class ➤ GATE score <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate has to assist the scientists in carrying out experimental investigations, developing lab models, designing the instrumentation scheme etc. ➤ Familiarity with the software for analysis like Staadpro / Ansys / Abaqus etc. ➤ Knowledge on post processing of data using basic programming languages like python / MATLAB. 	01 Position	35 years	UPTO SEPTEMBER 2024 (May be extendable up to March 2026)	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)

Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
(b)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II GAP 58 – PA-II {Electronic Engineering}	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B. E / B. Tech in Electronics/ Electrical/ Instrumentation or its equivalent from recognized university / institute and ➤ 2 years of experience in R & D in industrial and academic institutions or S & T organizations and scientific activities and services. <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E / M. Tech / M.S in Electronics/ Electrical/ Instrumentation or its equivalent from recognized University / Institute with first class ➤ GATE score <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate has to assist the scientists in carrying out experimental investigations, developing lab models, designing the instrumentation scheme etc. ➤ Familiarity with the software for analysis like Staadpro / Ansys / Abaqus etc. ➤ Knowledge on post processing of data using basic programming languages like python / MATLAB. 	01 Position	35 years	UPTO SEPTEMBER 2024 (May be extendable up to March 2026)	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)



Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
16.	Title of the Project: IHP24/02- "Experimental and numerical investigation of wing load distribution characteristics on tall buildings with irregular plan shape"						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II IHP24/02- PA-II	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B.E/ B. Tech in Civil Mechanical/ Aerospace Engineering or its equivalent from recognized University / Institute and ➤ 2 years of experience in R & D in industrial and academic institutions or S & T organizations and scientific activities and services. <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E/ M. Tech/ M.S in Structural Engineering/ Aerospace Engineering/ Computer Aided Structural Engineering from recognized University/ Institute or equivalent with first class in graduate degree and ➤ GATE Score/ non- GATE <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate having knowledge of one or more of the following areas are desirable: ➤ Familiarity with computational fluid dynamics (CFD) simulations ➤ Familiarity with programming languages like MATLAB, python ➤ Experimental techniques for structural engineering and wing engineering. 	02 Positions	35 years	UPTO MARCH 2025	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)

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			Candidates having working knowledge of professional software's used for CFD analysis will be given preference.				
17.	Title of the Project: FTT-010503- "Development of lightweight, ultra-strong transparent glass-ceramic material and fabrication of laminated armor panels thereof for armored vehicles, combat aircraft to reduce the areal density"						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II FTT-010503- PA-II	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ M.E/ M. Tech/ MS in Mechanical Engineering/ Applied Mechanics/ Civil Engineering or its equivalent from recognized university/ Institute and ➤ 2 years of experience in R & D in industrial and academic institutions or S & T organizations and scientific activities and services. <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ 2 years of experience in numerical simulations related to analysis and design of structures under shock loading from a reputed academic institute/ industrial agency ➤ GATE Score <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate is needed for numerical simulations of shock on structures and hence need to have experience to use any of the following commercial softwares namely; AUTODYN/ ANSYS workbench/ ABAQUS 	01 Position	35 years	UPTO MARCH 2025	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)

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18.	Title of the Project: IHP24/04- "Functionally Graded Cementitious Composites (FGCC) for Ballistic Application"						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II IHP24/04- PA-II	<p><u>आवश्यक Essential:</u></p> <ul style="list-style-type: none"> ➤ B.E/ B. Tech in Civil Engineering or M.E/ M. Tech in Structural Engineering, Construction Material and Management, Applied Mechanics, Mechanical Design or its equivalent from recognized university/ Institute and ➤ 2 years of experience in R & D in industrial and academic institutions or S & T organizations and scientific activities and services. <p><u>वांछनीय Desirable:</u></p> <ul style="list-style-type: none"> ➤ One-year research experience with knowledge of one or more of the following areas ➤ Mix design, casting of concrete and concrete testing ➤ Finite element analysis and simulations <p><u>कार्य विवरण Job Description:</u></p> <ul style="list-style-type: none"> ➤ Development of impact resistance concrete using impact experiments and numerical simulations 	01 Position	35 years	UPTO SEPTEMBER 2025	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)



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19.	Title of the Project: FBR040303- "Investigations on high strength and 3D printed steel structural components & connections"						
(a)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी- II Project Associate-II FBR040303- PA-II	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B. E/ B. Tech in Civil or Structural Engineering from recognized university/ Institute or equivalent and ➤ Two years of experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services. <p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E/ M. Tech/ M.S in Civil/ Structural Engineering from recognized university or equivalent with first class in graduate degree <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Knowledge of one or more of the following areas are desirable <ul style="list-style-type: none"> • Analysis and design of steel structures • Experience in conducting experimental investigations • Proficiency in civil engineering software packages like STAAD, ABAQUS/ Ansys, AutoCAD 	01 Position	35 years	UPTO MARCH 2025 (may be extendable upto March 2026)	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)

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(b)	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी-I Project Associate-I FBR040303 – PA-I	आवश्यक Essential: ➤ B. E/ B. Tech in Civil Engineering from recognized university/ Institute or equivalent. वांछनीय Desirable: ➤ B. E/ B. Tech in Civil/ Structural Engineering with first class from recognized university or equivalent कार्य विवरण Job Description: ➤ Knowledge of one or more of the following areas are desirable • Analysis and design of steel structures • Proficiency in civil engineering software packages like STAAD, Abaqus/ Ansys, Autocad • Data processing/ Interpretation	02 Positions	35 years	UPTO MARCH 2025 (may be extendable upto March 2026)	₹31,000/- p.m. + HRA (GATE holder) ₹ 25,000/- p.m. + HRA (Non-GATE)
20	Title of the Project: CSIR FIRST- "Multiscale health monitoring of critical infrastructure using fusion based and AI assisted noncontact sensing techniques						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी-II Project Associate-II CSIR FIRST– PA-II	आवश्यक Essential: ➤ B. E/ B. Tech in Civil Engineering/ Mechanical Engineering from recognized university/ Institute or equivalent and ➤ Two years of experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services.	01 Position	35 years	UP TO MARCH 2025 (may be extendable upto March 2026)	₹ 28,000/- p.m. + HRA (Non-GATE)

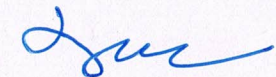
Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
			<p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E/ M. Tech/ M. S in Structural Engineering/ Mechanical Engineering or other related fields ➤ Knowledge of one or more of the following areas are desirable: <ul style="list-style-type: none"> • Basics of programming languages like MATLAB, Python, etc. • Signal processing, AI based model implementation. • Softwares like ANSYS, ABAQUS, etc <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Experimental and simulation-based investigations on high performance concrete and steel-concrete composite girders. 				
21.	Title of the Project: CSIR FIRST- A novel nonlocal mesh-free continuum mechanics framework for simulating ballistic impacts: an integrated computational and experimental approach.						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी-I Project Associate-I CSIR FIRST- PA-I	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B. E/ B. Tech in Civil Engineering/ Mechanical Engineering from a recognized University/ Institute 	01 Position	35 years	UP TO JANUARY 2025 (may be extendable upto March 2026)	₹ 25,000/- p.m. + HRA (Non-GATE)



Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
			<p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E./ M. Tech./ M.S (Civil/ Structural/ Mechanical/ Applied Mechanics) from a recognized University/ Institute ➤ Candidates with knowledge in one or more of the following areas are desirable: <ul style="list-style-type: none"> • ANSYS/ ABAQUS for numerical simulations • Basics of programming languages like FORTRAN, MATLAB, PYTHON etc. <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ The candidate has to assist in ballistic impact simulations using commercial software and develop code for these simulations 				
22	Title of the Project: CSIR-FIRST Development of a metamaterial-based resonating lattice system for efficient vibration isolation						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी-I Project Associate-I CSIR FIRST- PA-I	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B. E/ B. Tech in Civil Engineering/ Mechanical Engineering from a recognized University/ Institute 	01 Position	35 years	UP TO JANUARY 2025 (may be extendable upto March 2026)	₹ 25,000/- p.m. + HRA (Non-GATE)



Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
			<p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E./ M. Tech./ M.S (Civil/ Structural/ Mechanical/ Applied Mechanics) from a recognized University/ Institute ➤ Candidates with knowledge in one or more of the following areas are desirable: <ul style="list-style-type: none"> • ANSYS/ ABAQUS for numerical simulations • Basics of programming languages like MATLAB and PYTHON • Optimization techniques <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ The candidate must assist in the optimization of systems for vibration isolation. 				
23.	Title of the Project: SSP- 396 Proof checking the design of the identified railway spans of the 2x2 lane bridge across river Ganga between Aguwani Ghat (Khagaria Dist) and Sultanganj (Bhagalpur Dist)						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी-II Project Associate-II SSP 396- PA-II	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B. E/ B. Tech in Civil Engineering from a recognized University/ Institute and ➤ 2 years of experience in R&D in industrial and academic institutions or S&T Organizations and scientific activities and services. 	01 Position	35 years	UP TO DECEMBER 2025	₹ 28,000/- p.m. + HRA (Non-GATE)



Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
			<p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E./ M. Tech./ M.S in Civil/ Structural engineering or its equivalent from a recognized University/ Institute with first class <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate has to assist the scientists in carrying out experimental investigations, developing lab models, designing the instrumentation scheme etc ➤ Familiarity with the software for analysis like Staadpro/ Ansys/ Abaqus etc is preferable. ➤ Knowledge on post processing of data using basic programming languages like python/ Matlab is preferable 				
24	Title of the Project: SSP- 394 "Proof load testing of navigational lifting span and approach spans of the New Pamban Railway bridge						
	23.07.2024 (TUESDAY) 9.00 AM TO 11.00 AM TDC Building	परियोजना सहयोगी-II Project Associate-II SSP 394- PA-II	<p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B. E/ B. Tech in Civil Engineering or its equivalent from recognized University/ Institute and ➤ 2 years of experience in R&D in industrial and academic institutions or S&T Organizations and scientific activities and services. 	01 Position	35 years	UP TO 17 th DECEMBER 2025	₹35,000/- p.m. + HRA (GATE holder) ₹ 28,000/- p.m. + HRA (Non-GATE)

Sl. No	Date of interview/ Time/ Venue	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position(s)	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
			<p>वांछनीय Desirable:</p> <ul style="list-style-type: none"> ➤ M.E./ M. Tech./ M.S in Civil/ Structural engineering or its equivalent from a recognized University/ Institute with first class ➤ GATE score <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Candidate has to assist the scientists in carrying out experimental investigations, developing lab models, designing the instrumentation scheme etc ➤ Familiarity with the software for analysis like Staadpro/ Ansys/ Abaqus etc is preferable. ➤ Knowledge on post processing of data using basic programming languages like python/ Matlab is preferable 				

आरक्षण: Reservation: As regards reservation, all things being equal, SC/ST/OBC/EWS candidates may be given adequate representation so as to ensure their participation.

Note: As per CSIR letter NO. 5-1(342)/2015-PD, dated 12.01.2023 engagement of Project Staff shall be co-terminus with the term of the Project subject to the condition that the total period of engagement of a Project Staff in different projects either in the same Lab / Instt. or different Lab / Instt. of CSIR taken together shall not exceed 5 years in any case. Hence, the candidates who have completed the total tenure of 5 years in any of the CSIR Labs / Instts. as Project Staff are NOT ELIGIBLE to attend the walk-in-interview for the aforesaid positions. The candidates who have served for a period less than 5 years, upon selection, their tenure will end automatically on completion of five years.

