



सी एस आई आर - संरचनात्मक अभियांत्रिकी अनुसंधान केंद्र
CSIR-STRUCTURAL ENGINEERING RESEARCH CENTRE
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्, Council of Scientific and Industrial Research)
सी एस आई आर रोड CSIR ROAD, तरमणी TARAMANI, चेन्नै CHENNAI 600 113

सं No.A1(680)2025-Rec.

दिनांक Dated: 30th September 2025

अवसूचना NOTIFICATION No. SE-2/2025

Chennai Engagement to the positions of Project Associate-I (PA-I), Project Associate-II (PA-II) and Project Assistant (PA-I) on temporary basis in CSIR-SERC, Taramani,

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.

Candidates who fulfill the under-mentioned criteria of age, educational qualifications, and experience etc. may fill the online application/ registration form through Online Recruitment Portal link on CSIR-SERC website www.serc.res.in and upload the relevant documents (certificates of educational qualifications, experience, DOB, category etc.) on the online application portal on or before last date i.e. 15.10.2025 (up to 10.30 am).

Date of commencement of online application/registration:	01-10-2025
Last date for closing of online application/registration:	15-10-2025 (up to 10.30 am)
Date of interview (Offline)	15-10-2025

No hard copies of applications should be sent to this Office. Engagement will be purely on contract/temporary basis and co-terminus with the completion of the project.

CSIR-SERC desires to engage talented candidates as Project Associate-I (PA-I), Project Associate-II (PA-II) and Project Assistant (PA-I) on temporary basis in various projects at SERC as per qualification, age etc., detailed in the table below:

Sl. No	पद का नाम Name of the Position	योग्यता और कार्य विवरण Qualifications & Job Description	रिक्त पदों की संख्या No. of Position	ऊपरी आयु सीमा Upper age limit	कार्यकाल Tenure	मासिक परिलब्धियां Monthly Emoluments
1.	Title of the Project: FIR010304- "A novel nonlocal mesh-free continuum mechanics framework for simulating ballistic impacts: an integrated computational and experimental approach".	आवश्यक Essential: ➤ M.E. / M.Tech. (Civil / Earthquake Engineering/ Mechanical Engineering/ Applied Mechanics) from a recognized University/ Institute वांछनीय Desirable: Candidates with knowledge in one or more of the following areas are desirable: I. ANSYS / ABAQUS for	01 Position	35 years	Up to MARCH 2026	₹ 35,000/- p.m. + HRA (for GATE holders) ₹ 28,000/- p.m. + HRA (for non-GATE)

Bharanjan

	<p>numerical simulations</p> <p>2. Basics of programming languages like FORTRAN, MATLAB, PYTHON</p> <p>कार्य विवरण Job Description: The candidate has to assist in ballistic impact simulations using commercial software and develop code for these simulations.</p>				
<p>परियोजना सहयोगी-I Project Associate-I FIR010304-PAT-I</p>	<p>आवश्यक Essential: ➤ B.E / B. Tech in Civil / Mechanical Engineering from a recognized University / Institute.</p> <p>वांछनीय Desirable: ➤ M.E/ M.Tech/ M.S in (Civil/ Structural/ Mechanical/Applied Mechanics) from a recognized University/ Institute. ➤ Candidates with knowledge in one or more of the following areas are desirable: 1. ANSYS / ABAQUS for numerical simulations 2. Basics of programming languages like FORTRAN, MATLAB, PYTHON</p> <p>कार्य विवरण Job description: ➤ The candidate has to assist in ballistic impact simulations using commercial software and develop code for these simulations</p>	01 Position	35 years	Up to MARCH 2026	₹31,000/- p.m. + HRA (for GATE holder) ₹ 25,000/- p.m. + HRA (for Non-GATE)

2. Title of the Project: FIR040304- “Development of a metamaterial-based resonating lattice system for efficient vibration isolation”					
<p>परियोजना सहयोगी- II Project Associate-II FIR040304-PAT-II</p>	<p>आवश्यक Essential: ➤ M.E/M.Tech (Civil/ Mechanical Engineering) from a recognized University/Institute.</p> <p>वांछनीय Desirable: Candidates with knowledge in one or more of the following areas are desirable: 1. Structural Dynamics, and Earthquake Engineering 2. ANSYS/ABAQUS for numerical simulations 3. Programming tools like MATLAB and PYTHON 4. Optimization techniques</p> <p>कार्य विवरण Job Description: The candidate will assist in the optimization of systems for vibration isolation.</p>	01 Position	35 years	Up to MARCH 2026	₹ 28,000/- p.m. + HRA

Devarajulu

<p>3 Title of the Project : GAP 000063-“Design and Optimization of Metamaterial vibration shields for Low-Frequency Structural Applications”.</p>		
<p>परियोजना सहयोगी-II Project Associate-II GAP 000063-PAT-II</p> <p><u>आवश्यक Essential:</u> ➤ M.E /M. Tech in Civil/ Mechanical with specialization in Structural Engineering / Applied Mechanics/ Earthquake Engineering/ Structural Dynamics from a recognized University/Institute.</p> <p><u>वांछनीय Desirable:</u> Candidates with knowledge in one or more of the following areas are desirable: 1. Structural Dynamics, finite element method, Earthquake Engineering 2. ANSYS/ABAQUS for finite element analysis 3. Programming tools like MATLAB and PYTHON 4. Optimization techniques</p> <p><u>कार्य विवरण Job Description:</u> The candidate will assist in the finite element analysis and design of vibration/seismic isolation systems for structures. In addition, the person will also work on experimental vibration tests.</p>	<p>01 Position</p> <p>35 years</p> <p>Up to JUNE 2028</p>	<p>₹ 35,000/- p.m. + HRA (for GATE holders)</p> <p>₹ 28,000/- p.m. + HRA (for non-GATE)</p>
<p>4 Title of the Project : FTT 040501 “Adaptive Mass Damper using MRE for dynamic vibration reduction of piping systems”</p> <p>परियोजना सहयोगी-I Project Associate-I FTT 040501- PAT-I</p> <p><u>आवश्यक Essential:</u> ➤ B.E / B. Tech in Civil Engineering/Mechanical Engineering/Polymer Engineering /Rubber Technology or its equivalent from a recognized University / Institute.</p> <p><u>वांछनीय Desirable:</u> ➤ M.E/ M. Tech in Civil/Mechanical Engineering or its equivalent from a recognized university/Institute</p> <p><u>कार्य विवरण Job Description:</u> Candidates having knowledge in one or more of the following ➤ Knowledge/Experience in working with silicone/rubber materials & their testing methods ➤ Familiarity with analysis/numerical simulation software (ANSYS/ABAQUS/ COMSOL etc) for hyper-elastic material simulation ➤ Familiarity with programming languages like MATLAB/Python</p>	<p>01 Position</p> <p>35 years</p> <p>Up to MARCH 2026</p>	<p>₹31,000/- p.m. + HRA (for GATE holder)</p> <p>₹ 25,000/- p.m. + HRA (for Non-GATE)</p>

Shravan

5	Title of the Project : FTT040502 “ Technology for expansion joint-free bridge deck system using engineered cementitious composites (ECC-EXF)”				
	<p>परियोजना सहयोगी-I Project Associate-I FTT040502-PAT-I</p> <p><u>आवश्यक Essential:</u></p> <p>➤ B.E / B. Tech in Civil Engineering from recognized University/ Institute or its equivalent.</p> <p><u>वांछनीय Desirable:</u></p> <p>➤ M.E/ M.Tech/M.S in Civil /Structural Engg/ Structural Dynamics/ Engg. Design/Stru. & Earthquake Engg. from recognized University / Institute or equivalent.</p> <p>➤ Knowledge of one or more of the following areas are desirable</p> <ul style="list-style-type: none">• Basics of programming languages like MATLAB, Python, etc.• Software like STAAD Pro, ANSYS, ABAQUS etc. <p><u>कार्य विवरण Job Description:</u></p> <p>➤ Experimental and simulation-based investigations on engineered cementitious composites, structural components and bridge deck systems under different types of load scenarios.</p>	01 Position	35 years	Up to MARCH 2026	₹ 31,000/- p.m. + HRA (for GATE holders) ₹ 25,000/- p.m. + HRA (for non-GATE)
6	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”				
	<p>परियोजना सहयोगी-I Project Associate-I FTT040506-PAT-I</p> <p><u>आवश्यक Essential:</u></p> <p>➤ B.E / B. Tech in Electronics and communication Engineering or Electrical and instrumentation from a recognized University / Institute or its equivalent.</p> <p><u>वांछनीय Desirable:</u></p> <p>➤ M.E/ M. Tech/M.S in Electronics and communication Engineering or Electrical and instrumentation from recognized University/ Institute or Equivalent.</p> <p>➤ Two years of experience in R&D in industrial/academic institutions/S&T organizations/scientific activities/services.</p> <p>➤ Valid GATE score</p> <p><u>कार्य विवरण Job Description:</u></p> <p>➤ Candidate has to assist the scientists in carrying out experimental investigations, developing lab models, designing the instrumentation scheme etc.</p> <p>➤ Knowledge on signal processing using basic programming languages like python/ MATLAB.</p>	01 Position	35 years	Up to MARCH 2026	₹ 31,000/- p.m. + HRA (for GATE holders) ₹ 25,000/- p.m. + HRA (for non-GATE)

Signature

7	Title of the Project : FTT060512-“Floa Tech: A Floating Foundation Technology for Offshore Renewable Energy Structures”.	
<p>परियोजना सहयोगी- II Project Associate-II FTT060512-PAT-II</p> <p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B.E / B. Tech in Ocean Engineering and Naval Architecture/Civil/ Mechanical Engineering from a recognized University / Institute or its equivalent. ➤ 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 Ocean Engineering (Offshore structures)/Civil Engineering (Structures)/Mechanical/ Manufacturing Engineering with First class from recognized University/Institute or equivalent. ➤ Valid GATE score. <p>कार्य विवरण Job Description:</p> <ul style="list-style-type: none"> ➤ Familiarity with the offshore structural analysis software like ANSYS-AQWA, STAA-CCM+, Open FAST etc. ➤ Familiarity with the programming languages like MATLAB, Python etc. ➤ Knowledge of experimental investigations for offshore structures. 	<p>01 Position</p> <p>35 years</p> <p>Up to MARCH 2026</p> <p>₹ 35,000/- p.m. + HRA (for GATE holders)</p>	
<p>8</p> <p>Title of the Project : IHP 240006 “Development of Slag Crete block and CO2 curing”</p> <p>परियोजना सहयोगी-II Project Associate-II IHP 240006-PAT-II</p> <p>आवश्यक Essential:</p> <ul style="list-style-type: none"> ➤ B.E / B. Tech in Civil Engineering from a recognized University / Institute. ➤ Two 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 (Structural Engineering from recognized University/ Institute or Equivalent. ➤ Knowledge in concrete technology, microstructure of concrete, SEM, TGA 	<p>02 Positions</p> <p>35 years</p> <p>Up to MARCH 2026</p> <p>₹ 28,000/- p.m. + HRA</p>	

Deviyani

9 Title of the Project : IHP 240007 "Strategies for development of low carbon built environments"					
परियोजना सहयोगी-I Project Associate-I IHP 240007 PAT-I	<u>आवश्यक Essential:</u> ➤ B.E in Civil Engineering from a recognized University / Institute.	01 Position	35 years	Up to MARCH 2026	₹ 25,000/- p.m. + HRA
	<u>वांछनीय Desirable:</u> ➤ Sound knowledge in structural analysis, structural design, estimation and costing, data collection, drawing.				
परियोजना सहयोगी-I Project Associate-I PAT-I	<u>आवश्यक Essential:</u> ➤ B.Arch. from a recognized University / Institute.	01 Position	35 years	Up to MARCH 2026	₹ 25,000/- p.m. + HRA
	<u>वांछनीय Desirable:</u> ➤ Sound knowledge in passive architecture design and Energy-efficient architecture.				
10 Title of the Project : IHP 240008 "Passive Heating Strategies for Housing in cold regions: Climate Responsive Design for Energy-Efficiency"					
परियोजना सहयोगी-II Project Associate-II IHP 240008-PAT-II	<u>आवश्यक Essential:</u> ➤ B.E / B. Tech in Civil/ Mechanical/Aerospace Engineering from a recognized University / Institute. ➤ Two years of experience in R&D in industrial/academic institutions/S&T organizations/scientific activities/services.	03 Positions	35 years	Up to MARCH 2026	₹ 35,000/- p.m. + HRA (for GATE holders)
	<u>वांछनीय Desirable:</u> ➤ M.E/ M. Tech/M.S (Structural Engineering/ Aerospace Engineering/ Computer Aided Structural Engineering) from recognized University/ Institute or equivalent with First class in Graduate degree and ➤ Valid Gate Score				₹ 28,000/- p.m. + HRA (for non-GATE holders)
<u>कार्य विवरण/ Job Description:</u> Candidate having knowledge of one or more of the following area desirable: ➤ Familiarity with structural analysis software like, ANSYS, STAAD, ABAQUS, Open SEES, ETABS, SAP 2000. ➤ Familiarity with programming languages like MATLAB experimental techniques. ➤ Candidate having knowledge of professional software's used for finite element and CFD analysis will be given preference.					

Shreyasee

11 Title of the Project : MMP 055202 " Assessment and Mitigation Strategy for Geo Hazards in Himalaya (AMOGH)"				
<p>परियोजना सहयोगी-II Project Associate-II MMP 055202-PAT-II</p> <p><u>आवश्यक Essential:</u></p> <ul style="list-style-type: none"> ➤ B.E / B. Tech in Civil/Mechanical Engineering from a recognized University / Institute or its equivalent. ➤ Two years of experience in R&D in industrial/academic institutions/S&T organizations/scientific activities/services <p><u>वांछनीय Desirable:</u></p> <ul style="list-style-type: none"> ➤ M.E/ M.Tech/M.S in Civil/ Structural Engineering from recognized University/ Institute or Equivalent. <p><u>कार्य विवरण Job Description:</u></p> <p>Candidate having knowledge of one or more of the following area desirable:</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 C++, MATLAB/Python 	03 Positions	35 years	Up to MARCH 2028	₹ 35,000/- p.m. + HRA (for GATE holders)
<p>परियोजना सहायक Project Assistant MMP 055202-PA-I</p> <p><u>आवश्यक Essential:</u></p> <ul style="list-style-type: none"> ➤ ITI in Civil or its equivalent from a recognized University / Institute. <p><u>वांछनीय Desirable:</u></p> <ul style="list-style-type: none"> ➤ ITI/Diploma in Civil Engineering or its equivalent from a recognized University / Institute or its equivalent. ➤ Familiarity with programming languages and Data Analysis <p><u>कार्य विवरण Job Description:</u></p> <p>Candidate having knowledge of one or more of the following</p> <ul style="list-style-type: none"> ➤ Knowledge/Experience in working with R&D related activities ➤ Familiarity with Auto CAD analysis/numerical simulation softwares. 	01 Position	35 years	Up to FEBRUARY 2026	₹ 18,000/- p.m. + HRA

Bansal

12	Title of the Project : SSP 423 "Instrumentation, Field testing, and Real-time Structural Health Monitoring (RSHM) of identified spans of the open-web girder bridge BR No 57 (UP & DN) across river Rupnarayan between Kolaghat (KIG) & Deuliti (DTE) stations in Kharagpur division of South Eastern Railway"				
	परियोजना सहयोगी-II Project Associate-II SSP 423-PAT-II	01 Position	35 years	Up to JANUARY 2026 (Extendable up to one year)	₹ 35,000/- p.m. + HRA (for GATE holders)
	<u>आवश्यक Essential:</u> ➤ B.E./ B. Tech in Civil Engineering from a recognized University / Institute or its equivalent. ➤ Two years of experience in R&D in industrial/academic institutions/S&T organizations/scientific activities/ services <u>वांछनीय Desirable:</u> ➤ M.E/M. Tech/M.S in Civil/Structural Engineering from recognized University/ Institute.				₹ 28,000/- p.m. + HRA (for non-GATE holders)
	परियोजना सहयोगी-I Project Associate-I SSP 423-PAT-I	02 Positions	35 years	Up to JANUARY 2026 (Extendable up to one year or more)	₹ 31,000/- p.m. + HRA (for GATE holders)
	<u>आवश्यक Essential:</u> ➤ B.E. in Civil Engineering from a recognized University / Institute or its equivalent. ➤ Two years of experience in R&D in industrial/academic institutions/S&T organizations/scientific activities/ services <u>वांछनीय Desirable:</u> ➤ M.E in Civil/ Structural Engineering from recognized University/ Institute. ➤ Valid GATE Score				₹ 25,000/- p.m. + HRA (for non-GATE holders)
13	Title of the Project : FCP 512401 "Vibration Testing under Controlled Environment"				
	परियोजना सहयोगी-II Project Associate-II FCP 512401-PAT-II	01 Position	35 years	Up to MARCH 2026 (extendable till March 2027)	₹ 35,000/- p.m. + HRA (i) Scholars who are selected through National Eligibility Tests CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or A Selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. OR ₹ 28,000/- p.m. + HRA (for others who do not fall under (i) above)
	<u>आवश्यक Essential:</u> ➤ B.E / B. Tech in Civil / Mechanical Engineering or its equivalent from a recognized University / Institute. ➤ Two years of experience in R&D in industrial/academic institutions/S&T organizations/scientific activities/services. <u>वांछनीय Desirable:</u> ➤ M.E/ M.Tech in Structures/ Civil/ Mechanical/Ocean/Manufacturing Engineering with First class from recognized University/ Institute or Equivalent. ➤ GATE Score <u>कार्य विवरण Job description:</u> ➤ Familiarity with structural analysis software like ANSYS, STAAD, ABAQUS, Open SEES, ETAB, SAP2000. ➤ Familiarity with programming languages like MATLAB, C, C++, python etc. ➤ Experimental techniques for structural engineering and earthquake engineering.				

Signature

14	Title of the Project : SSP 435 "Performance Test of Semi-Permanent Coupler and Balanced Draft Gear"					
	<p>परियोजना सहयोगी -I Project Associate-I SSP 435-PAT-I</p>	<p><u>आवश्यक Essential:</u> ➤ B.E/ B. Tech in Civil Engineering from a recognized University / Institute.</p> <p><u>वांछनीय Desirable:</u> ➤ Knowledge of automation, robotics, and instrumentation ➤ Experience in testing of couplers and balanced draft gear</p>	01 Position	35 years	Up to OCTOBER 2026	₹ 25,000/- p.m. + HRA

Note: As per CSIR letter No. 5-I(342)/2017-PD, dated 02.09.2024 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 6 years in any case. Hence, the candidates who have completed the total tenure of 6 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 6 years, upon selection, their tenure will end automatically on completion of six years.

Terms & Conditions:

- These are purely temporary positions.
- The candidates attending interview should bring along with them the duly signed online application form, accompanied with self-attested photo copies of all the requisite certificates, aadhaar card, mark sheets in support of age, educational qualifications, Gate Score card and experience (if applicable) along with original certificates on date of interview for verification and if selected at time of joining.
- The applicant's candidature would be provisional and subject to subsequent verification of certificates and testimonials. In case, it is detected at any stage of engagement or thereafter, that a candidate does not fulfil the eligibility norms and/or that he/she has furnished any incorrect/doctorred/false information/certificate/documents or has suppressed any material fact(s), his/her candidature will stand cancelled. If any of these shortcomings is/are detected even after engagement, his/her engagement is liable to be terminated.
- In case of selection, Original certificates must be produced again for verification at the time of joining.
- Number of positions required is indicative in nature, there may be an/a increase/decrease in the number based on the requirement.
- In the event of number of the applicants being large, CSIR-SERC will adopt shortlisting criteria to restrict the number of applicants to be called for Interview to a reasonable number by any one or more of the following methods:
 - On the basis of higher educational qualifications than the minimum prescribed in the advertisement.
 - On the basis of higher experience in the relevant field than the minimum prescribed in the advertisement
 - On the basis of Marks obtained in the academic qualification
 - By holding a written test.
 - Any other methodology as deemed fit by Selection Committee.
- Upper Age limit as on date of Interview is relaxable for five years in the case of SC/ST/Women/Persons with Disabilities (PWD) and 3 years in the case of OBC.
- Candidates are requested NOT to send their applications by post/ speed post/ courier.
- Only those candidates who possess the advertised qualifications will be permitted to attend Interview.

Shravan Kumar

10. The prescribed qualifications should have been obtained through recognized Universities/ institutions etc.
11. Any discrepancy found in the information given in application, and that is evident in original documents will make the candidate ineligible for appearing for interview.
12. If at any subsequent date it is detected / found that the candidates have given incorrect information or has withheld certain information or does not fulfill the eligibility criteria, their candidature shall be cancelled without assigning any reason whatsoever.
13. The candidates will not be allowed to attend the interview if they do not bring their application form along with requisite educational / experience certificates, Mark sheets etc.
14. NO travelling allowance will be paid for attending interview.
15. Document/ certificate furnished in a language other than Hindi or English, must be accompanied with an English transcript of the same duly attested by a Gazetted officer or Notary.
16. All applicants must fulfil the essential qualifications of the position and other conditions stipulated in the notification as on the date of interview. They are advised to satisfy themselves before appearing for interview that they possess the essential qualifications laid down for the position they are applying. No enquiry asking for advice as to eligibility will be entertained.
17. Canvassing in any form and/or bringing any political influence or otherwise will be treated as a disqualification for the position.
18. The Director, CSIR-SERC has the right to amend, delete and add terms & conditions to this notification.
19. Candidates found suitable for selection will be empaneled. Empaneled candidates may be selected for future project requirements.
20. **Final year / Semester students, who are awaiting results, are NOT ELIGIBLE to be considered.**
21. The tenure mentioned above may be curtailed/ extendable. In any case it is co-terminus with the project or till such time the requirement for need Project Associate-I & II and Project Assistant exists of joining.
22. The position is purely temporary and will not confer any right on Project Associate-I & II and Project Assistant position for permanent appointment in CSIR-SERC.
23. The Director, CSIR-SERC reserves the right to cancel the notification without assigning any reason thereof or reserves the right not to fill up the positions. The number of positions indicated is provisional and may increase or decrease at the time of selection.
24. The decision of the Director, CSIR-SERC in all matters relating to eligibility, acceptance or rejection of applications will be final and binding on candidates.
25. If any corrigendum/addendum etc. or updates with regard to this advertisement shall be made available on our website: <https://serc.res.in/> or at (<https://serc.res.in/csir-recruitment>) ONLY.
26. Candidates are advised to periodically visit our website as all future correspondence and latest information with regard to final screening/selection result shall be posted in our website (<https://serc.res.in/csir-recruitment>).
27. Any queries regarding engagement, please contact office number(s) +91 044-22544756, +91 044-22544782 during office hours (09.00 a.m. to 5.30 p.m.) or mails may be addressed to adma@serc.res.in. No calls/ mails will be entertained other than the above-mentioned office telephone number(s) /email id.

Administrative Officer

Devi Prasad
30.09.25