



**CENTRE FOR INDUSTRIAL CONSULTANCY AND SPONSORED RESEARCH**  
**INDIAN INSTITUTE OF TECHNOLOGY MADRAS**  
CHENNAI – 600 036

*Advertisement No.: ICSR/PR/Adv83/2022 Dated: 20.09.2022*

Applications are invited for the temporary post of Project Officer, in the department of Civil Engineering, IIT Madras.

**Co-ordinator:** Prof. Nikhil Bugalia, Civil Engineering.

**Duration:** 10-12 months.

S.No	Post	Qualification and Experience	Pay
1	<b>Project Officer</b>	<p><b>Educational Qualification:</b></p> <p>Master's degree in public health/social work with a specialisation in community health/any other related discipline from a reputed institution, and with an excellent academic record is preferable</p> <p><b>Experience:</b></p> <p>Demonstrated knowledge and experience in the sanitation sector At least two years of full-time experience in public health research will be highly valued</p> <p><b>Remuneration :</b></p> <p>The remuneration is negotiable based on the skills, qualifications, and experience of the Candidate</p> <p><b>Job Location:</b></p> <p>Hyderabad, Telangana, India</p>	<b>Rs.27,500/-pm to 50,000/-pm( Negotiable based on experience)</b>

### **Key Skills Required:**

- Field research experience in public health domain, Qualitative and Quantitative data collection and analysis skills, Excellent verbal and written communication skills in Telugu, and English.
- Knowledge of at least one statistical/quantitative data analysis & visualisation tool such as R, SPSS, Tableau etc. is desirable
- Excellent quantitative and qualitative research skills
- Demonstrated experience for conducting field studies using qualitative research tools such as FGDs, interviews, observation etc.
- Excellent analytical thinking and writing skills

### **About the Project**

Approximately 5 million people work (full or part-time) in the sanitation sector, and nearly 40% of these workers work in “high risk” conditions such as septic tank cleaning, sewer cleaning, STP/FSTP maintenance, public toilet cleaning, and drain cleaning. Even though studies have captured that sanitation workers are exposed to repetitive awkward postures often for prolonged durations, making them susceptible to Work-related Musculoskeletal Disorders (WMSDs).

However, such risks are often “invisible” to a variety of decision-makers. Such is the status of attention on the topic that comprehensive methodologies to quantify or measure such risks does not exist yet.

To address this issue, an ongoing project led by the Indian Institute of Technology Madras (IITM) aims to develop an approach that can help quantify the WMSD risk based on multiple datapoints such as

- 1) recorded videos of the sanitation workers working in actual conditions;
- 2) interviews of the workers aimed at understanding their various health issues;
- 3) focused group discussions (FGDs) on getting additional qualitative information on the workers’ understanding of occupational risk.

IIT Madras will closely collaborate with the Administrative Staff College of India, a premier institute providing training and research in diverse disciplines for carrying out this work. The field research of this project will be carried out in Hyderabad.

### **About the Role**

The Senior Research Associate will conduct in-depth field research (primary data collection) and desk-based research (secondary data collection) to build an empirical understanding of the effects of sanitation work on the musculoskeletal health of sanitation workers.

This would involve going to the field and collect information through interviews, observations, video and image recording, and document reviews to understand the complexity of WMSD management for the sanitation workers.

The work will also require analysis of the different postures of sanitation workers engaged in work such as septic tank desludging, sewer cleaning, STP/FSTP maintenance operations etc.

The researcher is also expected to familiarize themselves with the published literature and reports on the topic and utilize the knowledge gained to analyse the sanitation specific data and help develop methods specific for the sanitation workers.

This is a one-year (minimum 10 months) contract basis full-time role based out of the Administrative Staff College of India (ASCI), Hyderabad, since the field sites will be in Telangana and would involve extensive travel to field sites across Telangana.

Interested candidates should submit their updated CV and a one-page cover letter highlighting their suitability for the role to the following email ID - [nbugalia@civil.iitm.ac.in](mailto:nbugalia@civil.iitm.ac.in).

The cover letter should address the following:

- The motivation of the candidate for the position
- How does your experience meet the selection criteria?
- What makes you an ideal candidate for the position?

**The last date for submission of online application is 07.10.2022**

### **General Instructions to the candidates**

- 1) All the positions are on purely contract basis.
- 2) The completion of the period of contract will not confer any right for further extension, regularization, permanency at the Institute.
- 3) Candidates should apply online only in the website <https://icandsr.iitm.ac.in/recruitment/> - **(Please check the advertisement number Advt. 83/2022 displayed and submit the application for the relevant position).**
- 4) Separate application has to be filled for each post.
- 5) The system will accept single application only with the registered login ID (email) for an advertisement, hence the candidate is requested to select the multiple positions (In case, he/she wishes to apply for more than one position) before the submission of application.
- 6) The application cannot be edited, reverted once it is submitted.
- 7) Candidates should not attempt to apply twice for the same post. If multiple applications are received from a candidate for the same post, his/her candidature will liable to be rejected.
- 8) Candidates should follow the prescribed procedure for submission of online application.
- 9) Candidates are advised to fill their correct and active e-mail addresses in the online application as all correspondence will be made by the Institute through e-mail only.
- 10) The candidates applying for any post should ensure that they fulfil all the eligibility conditions for the post. Their admission to any stage of the selection process will be purely provisional subject to confirmation that they satisfy the prescribed eligibility conditions. Mere issue of registration certificate / call letter to the candidate will not imply that his/her candidature has been found eligible.
- 11) After successful online submission of application, a print out of the application form must be obtained and submitted when called for test. It will be required at the time of document verification/test/interview. Hard copy of the application is NOT to be sent to the Institute.
- 12) Candidates must be citizens of India. Persons who have migrated from Pakistan with the intention of permanently settling in India or subjects of Nepal are also eligible, but in their case a certificate of eligibility from the Government of India will be necessary for appointment. Such candidates should apply to the Government of India in the Ministry of Home Affairs for necessary certificate and furnish satisfactory proof of having so applied.
- 13) The prescribed qualifications are minimum and unless specified, they are required for consideration for the post, even if higher qualification has been acquired and the mere fact that a candidate possesses the same will not entitle him/her for being called for interview.
- 14) Relevant experience gained after the minimum qualifying degree will only be taken into consideration. Minimum requirements of qualifications and/or experience can be relaxed in respect of exceptionally outstanding candidates.

- 15) The experience required is relaxable at the discretion of the Institute in the case of candidates belonging to the Scheduled Caste / Scheduled Tribe, if at any stage of selection the competent authority is of the opinion that sufficient number of candidates from these communities possessing the requisite experience are not likely to be available to fill up the vacancy reserved for them.
- 16) The Institute reserves the right to restrict the number of candidates for written / skill test / interview to a reasonable limit on the basis of qualifications, level and relevance of experience higher than the minimum prescribed in the advertisement and other academic achievements. The Institute also reserves the right of rejecting any or all the applications without assigning any reasons therefore.
- 17) Calling a candidate for test/interview merely indicates that it is felt that he/she with others may be suitable for the post and conveys no assurance whatsoever that he/she will be recommended or selected or his/her conditions specified in the application will be accepted.
- 18) Candidates will be short-listed for Test/Interview on the basis of the information provided by them in their online applications. They must ensure that such information is true. If at any subsequent stage or at the time of Test/Interview any information given by them or any claim made by them in their online applications is found to be false, their candidature will be liable to be rejected.
- 19) The Institute shall verify the antecedents or documents submitted by a candidate at any time at the time of appointment or during the tenure of the service. In case, it is detected that the documents submitted by the candidates are fake or the candidate has clandestine antecedents/background and has suppressed the said information, then his services shall be liable to be terminated.
- 20) In case of any inadvertent mistake in the process of selection which may be detected at any stage even after the issue of appointment letter, the Institute reserves the right to modify/ withdraw/ cancel any communication made to the candidates.
- 21) Applicants who are working in **any one of the Project at IIT Madras**, must apply through proper channel otherwise they will be required to produce No-Objection Certificate at the time of document verification/Test/Interview. Candidates without NOC will not be permitted to appear for Test/Interview.
- 22) Candidates may send testimonials from persons intimately acquainted with their work and character. If the applicant is in employment, he/she should submit testimonials from the most recent employer or immediate superior as a referee.
- 23) The Institute has a right to decide the mode of screening and testing the applicant for short listing and selection.
- 24) The Institute solely reserves the right not to fill any advertised position without assigning any reason
- 25) Only shortlisted applicants will be contacted.

- 26) No correspondence whatsoever will be entertained from candidates regarding conduct and result of test/interview and reasons for not being called for interview. Canvassing in any form will be a disqualification.
- 27) The crucial date for determining the eligibility criteria for all candidates in every respect shall be the prescribed closing date for submission of online application.
- 28) The Institute strives to have a workforce which reflects gender balance and women candidates are encouraged to apply.
- 29) Any corrigendum/clarifications on this advertisement, if necessary, shall be uploaded on website and no separate communication will be sent for this purpose.
- 30) If there is any issue to submit the application please send E-mail to : [recruitment@imail.iitm.ac.in](mailto:recruitment@imail.iitm.ac.in) / [icsrrecruitment@iitm.ac.in](mailto:icsrrecruitment@iitm.ac.in) **Contact: 044- 2257 8357** on all working days from **9.00 AM to 05.30 PM (Monday to Friday – except National Holidays)**. (Please note, only technical issues will be accepted – No interim correspondence with reference to the selection process will be considered).
- 31) **Instructions to apply online:-**Eligible applicants would require to register and apply online through <https://icandsr.iitm.ac.in/recruitment/> and submit the application.

**Sd/-**

Senior Manager –HR  
Centre for IC&SR  
IIT Madras