



**icmr**  
INDIAN COUNCIL OF  
MEDICAL RESEARCH

**NIRT**  
NATIONAL INSTITUTE FOR  
RESEARCH IN TUBERCULOSIS



आई सी एम आर – राष्ट्रीय यक्ष्मा अनुसंधान संस्थान  
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य और परिवार  
कल्याण मंत्रालय, भारत सरकार

ICMR - National Institute for Research in Tuberculosis  
Department of Health Research, Ministry of Health  
and Family Welfare, Government of India

Ref: NIRT/PROJ/RECTT/TNTBPS/2020-21

Date: 22-02-2021

**Project: “District wise prevalence of microbiologically confirmed pulmonary tuberculosis in Tamil Nadu”  
Walk-In-Written Test/Interview**

Tuberculosis Prevalence Survey is a time bound activity and is crucial for Ending TB in India and is planned to be undertaken on mission mode. High level of commitment is required with a will to work on Sundays & holidays (except, important local holidays). Job requires continuous field work throughout the state in various districts for field posts. Preference will be given to those having working experience in National Health Surveys/ similar activities. Candidates are invited to attend Walk-In Interview / Written Test for the below mentioned posts at **ICMR-National Institute for Research in Tuberculosis, No.1, Mayor Satyamoorthy Road,Chetpet,Chennai-600031.**

**Duration of Project:** One year

**Reporting Time:** 9.00 AM to 10.00 AM

For details of post, eligibility, salary, etc. please visit [www.nirt.res.in](http://www.nirt.res.in)

S. NO.	Contractual Post	Consolidated Monthly Salary	Upper age limit	No. of Posts	Date of Interview
1.	Project Technician III(Laboratory Technician) for field [ <i>Field Post</i> ]	Rs.18,000/-	30 years	7 [UR-7]	10-03-2021
2.	Project Technician II(Laboratory Assistant) [ <i>Field Post</i> ]	Rs.17,000/-	28 years	1 [SC-1]	10-03-2021
3.	Project Technician III(laboratory Technician) for IRL [ <i>Chennai – 1 Post, Madurai – 2 Posts</i> ]	Rs.18,000/-	30 years	3 [UR-1,OBC-2]	10-03-2021
4.	Project Technician III(X-ray Technician) for field [ <i>Field Post</i> ]	Rs.18,000/-	30 years	3 [UR-2,SC-1]	10-03-2021
5.	Project Technician II(Health Assistant) [ <i>Field Post</i> ]	Rs.17,000/-	28 years	11 [OBC-5,SC-4,ST-1, EWS-1]	11-03-2021
6.	Project Technical Officer (Senior Investigator) [ <i>Field Post</i> ]	Rs.32,000/-	30 years	3 [UR-2, SC-1]	11-03-2021
7.	Project Assistant (Field investigator) [ <i>Field Post</i> ]	Rs.31,000/-	30 years	7 (UR-3, OBC-2, SC-1, ST-1)	11-03-2021

S. NO.	Name of the Post/ Designation	No of posts	Essential Qualification	Desirable Qualification	Job specifications / responsibilities
1.	<b>Project Technician III (Laboratory Technician) (for field)</b>	7	<p>12th pass in science subjects with any one of the following:</p> <p>(i) Two years Diploma in Medical Laboratory Technology or</p> <p>(ii) One year Diploma in Med Laboratory Technology with one year laboratory experience in a recognised organization/institution or</p> <p>(iii) Two years laboratory experience* in a government recognised organisation/institution</p> <p>* B.Sc., MLT shall be treated as three years' experience</p>	<p>1. Experience in culture (solid and liquid) and DST for mycobacterium tuberculosis</p> <p>2. 1 year experience in NTEP as LT.</p> <p>3. Past experience of working in an Intermediate Reference Laboratory or National Reference Laboratory for Tuberculosis</p>	<p>1. Get trained in Protocol of National TB Prevalence Survey, India 2017-18 as well as SOPs and training manuals.</p> <p>2. Get trained in SOPs of RNTCP and National Lab committee recommendations for Intermediate Reference Laboratories.</p> <p>3. Achieve necessary skills to perform CBNAAT, testing, sputum microscopy, C&amp;DST and Blood tests using autoanalyzer before Survey commencement.</p> <p>4. Perform safe opening of all sputum specimens received by IRL.</p> <p>5. Use IT system (scanner and laptop) to ensure all entries of each sample is and its result is entered in the application.</p> <p>6. Inform the Survey Team &amp; local DTO &amp; STLS about the instances of leakage, contaminations etc. suggesting action e.g. Repeat sample collection.</p> <p>7. Perform processing of all received sputum and blood samples at the van and conduct test as per methods described in SOPs.</p> <p>8. Perform DNA extraction (following all steps of PCR) for Line Probe assay on all sputum sample received.</p> <p>9. Any other job as assigned by Senior Investigator, Medical Officer &amp; PMU as per Survey needs.</p>

S. NO.	Name of the Post/ Designation	No of posts	Essential Qualification	Desirable Qualification	Job specifications / responsibilities
2.	<b>Project Technician II (Laboratory Assistant)</b>	1	<p>High School* or equivalent with Five years' experience in related field from Government Institution / Recognized institute OR Certificate of one year training in the DMLT from a recognised institute.</p> <p>* Intermediate with science subjects and B.Sc., MLT shall be treated as equivalent to 2 and 3 years' experience respectively</p>	<p>1. B.Sc. or 2 years Diploma in Medical Laboratory Technician from recognized board or Institute.  2. Experience in blood collection and sputum collection.  3. Experience in Sample packaging and transportation procedures  4. Knowledge of biomedical waste management practices</p>	<p>1. Get trained in Protocol of State TB Prevalence Survey, Tamil Nadu as well as SOPs and training manuals.  2. Assist the Laboratory Technician in all operations for blood and sputum sample collection, processing, organizing results etc.  3. Maintain cleanliness in the van and ensure biomedical waste management practices.  4. Ensure, water storage and emptying waste water tank from time to time.  5. Any other job as assigned by Laboratory Technician, Senior investigator and Survey PMU.</p>
3.	<b>Project Technician III (Laboratory Technician) (for IRL) at Chennai and Madurai</b>	3	<p>12th pass in science subjects with any one of the following:  (i) Two years Diploma in Medical Laboratory Technology or  (ii) One year Diploma in Med Laboratory Technology with one year laboratory experience in a recognised organization/institution or  (iii) Two years laboratory experience* in a government recognised organisation / institution.</p>	<p>1. Experience in culture and DST for mycobacterium tuberculosis.  2. Two years experience in NTEP as LT</p>	<p>1. Get trained in Protocol of State TB Prevalence Survey, Tamil Nadu as well as SOPs and training manuals.  2. Get trained in SOPs of RNTCP and National Lab committee recommendations for Intermediate Reference Laboratories.  3. Achieve necessary skills to perform CBNAAT, testing, sputum microscopy, C&amp;DST and Blood tests using autoanalyzer before Survey commencement.  4. Perform safe opening of all sputum specimens received by IRL.  5. Maintain a register of entries of all sputum specimens received from Survey Teams.  6. Inform the Survey Team &amp; local DTO &amp; STLS about the instances of leakage, contaminations etc.</p>

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			* B.Sc., MLT shall be treated as three years' experience.		suggesting action e.g. Repeat sample collection. 7. Perform processing of all received samples at IRL and decontamination by NALC-NAOH method 8. Perform direct Flurochrome- Microscopy on all sputum sample received. 9. Perform DNA extraction (following all steps of PCR) for Line Probe assay on all sputum sample received.
4.	<b>Project Technician III (X-ray Technician) for field</b>	3	12th pass in science subjects and must have done Radiographer /X-ray Technologist course of minimum one year duration from a recognized institution	1. 3 years' experience as Medical X-Ray Technician in Radiology units, Hospitals or clinics  2. Experience of working in the Mobile X-ray Unit.	1. Get trained in Protocol of State TB Prevalence Survey, Tamil Nadu as well as SOPs and training manuals. 2. To organize radiology (Chest X-Ray) at the survey site (village / ward) in the mobile X-Ray van. 3. Explain each participant the procedure in local language before taking chest X-Ray. 4. Prepare cassettes by filling blank X-Ray films ready for shoot and undertake Chest X-Rays (~150-200 per day) during survey cluster activities. 5. Ensure scanning of each cassette and use CR reader, PACS system and IT application for maintaining all information, X-Ray images and results from MO and tele-radiologist. 6. Monitor, the X-Ray shoot after calibration using the displays and digital monitors of output. 7. Preventive routine care & maintenance of X-Ray units. 8. Maintain stock of all logistics required for chest

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					<p>X-Ray.</p> <p>9. Should be well acquainted and follow norms of AERB (Atomic Energy Regulatory Board) for Radiation Safety &amp; B.I.S. (Bureau of Indian Standards) for Mechanical &amp; Electrical Safety.</p> <p>10. Any other job as assigned by Senior Investigator, Medical Officer &amp; PMU as per Survey needs.</p>
5.	<b>Project Technician II (Health Assistant) for field</b>	11	<p>High School* or equivalent with 5 years' experience in health field from any recognized institute or organization</p> <p>*Intermediate with Science subjects shall be treated as equivalent to 2 years' experience and B.Sc. shall be treated as equivalent to 3 years.</p>	<p>1. Experience of working in Surveys</p> <p>2. Experience of working in TB Program.</p> <p>3. Experience of working in Research.</p>	<p>1. Get trained in Protocol of State TB Prevalence Survey, Tamil Nadu as well as SOPs and training manuals.</p> <p>2. To organize radiology (Chest X-Ray) at the survey site (village / ward) in the mobile X-Ray van.</p> <p>3. Explain each participant the procedure in local language before taking chest X-Ray.</p> <p>4. Prepare cassettes by filling blank X-Ray films ready for shoot and undertake Chest X-Rays (~150-200 per day) during survey cluster activities.</p> <p>5. Ensure scanning of each cassette and use CR reader, PACS system and IT application for maintaining all information, X-Ray images and results from MO and tele-radiologist.</p> <p>6. Monitor, the X-Ray shoot after calibration using the displays and digital monitors of output.</p> <p>7. Preventive routine care &amp; maintenance of X-Ray units.</p> <p>8. Maintain stock of all logistics required for chest X-Ray.</p>

S. NO.	Name of the Post/ Designation	No of posts	Essential Qualification	Desirable Qualification	Job specifications / responsibilities
					<p>9. Should be well acquainted and follow norms of AERB (Atomic Energy Regulatory Board) for Radiation Safety &amp; B.I.S. (Bureau of Indian Standards) for Mechanical &amp; Electrical Safety.</p> <p>10. Any other job as assigned by Senior Investigator, Medical Officer &amp; PMU as per Survey needs.</p>
6.	<b>Project Technical Officer (Senior Investigator)</b>	3	Graduate in Science / Epidemiology / Public Health from a recognized University with 5 years' work experience in a recognized institution (or) Master's degree in Epidemiology / Public Health from a recognized University.	<ol style="list-style-type: none"> <li>1. Three years of Research / Field Experience.</li> <li>2. Any Survey / Field experience.</li> <li>3. Minimum of Two year experience in NTEP.</li> </ol>	<ol style="list-style-type: none"> <li>1. Get trained in Protocol of State TB Prevalence Survey, Tamil Nadu as well as SOPs and training manuals.</li> <li>2. Assist the Survey Project Management Unit in training &amp; sensitizations of various stake holders at various level as well, as other preparatory activities for the survey.</li> <li>3. Establish Survey site for each cluster.</li> <li>4. Plan cluster activities in advance and delegate all responsibilities in survey team.</li> <li>5. Coordination &amp; supervision of all activities in the cluster during survey including enumeration, enrolment of eligible, interview of participants, X-Ray of all participants, Blood and sputum collection, maintaining cold-chain, transportation etc.</li> <li>6. Use IT system for daily monitoring of progress and take timely corrective action for maintain highest quality and participation &amp; completion of survey activities.</li> </ol>

S. NO.	Name of the Post/ Designation	No of posts	Essential Qualification	Desirable Qualification	Job specifications / responsibilities
7.	<b>Project Assistant (Field Investigator)</b>	7	Graduate in Science from a recognized university with three years' work experience from a recognized institution or Master's degree in science	<ol style="list-style-type: none"> <li>1. Master's degree in Epidemiology/Public Health/Medical Social Work/Science subject</li> <li>2. Experience in field level data collection</li> <li>3. Experience in NTEP program</li> <li>4. Experience in conducting Census and field surveys</li> <li>5. Knowledge of Computer applications.</li> </ol>	<ol style="list-style-type: none"> <li>1. Get trained in Protocol of State TB Prevalence Survey, Tamil Nadu as well as SOPs and training manuals.</li> <li>2. Conduct census enumeration survey of participants by visiting the households.</li> <li>3. Rapid data collection during census enumeration, enter in android based mobile application.</li> <li>4. Decide on eligibility of individuals and inform them on timings for attending survey sites with procedures to be done.</li> <li>5. Hand over the acknowledgement receipt with appropriate serial number to enrolled participant</li> <li>6. Regularly synchronize data on mobile application with server.</li> <li>7. Coordinate with local health staff (e.g. FHW) and MO / Senior investigator, to ensure that all exclusion criteria is applied as per SOPS</li> <li>8. Follow-up eligible participants from household for participation if not presented on scheduled time.</li> <li>9. Follow-up those eligible participants who could not give sputum samples on time.</li> <li>10. Assist Survey Team Leader in preparing cluster report.</li> <li>11. Assist Survey Team Leader in maintaining financial expenditure for each cluster.</li> <li>12. Any other job as assigned by Team Investigator, Survey PMU.</li> </ol>

### **Instructions to the Candidates:**

1. The Candidates are expected to have a good knowledge on the book titled “Tuberculosis prevalence surveys: a handbook” for working in this survey. [https://www.who.int/tb/advisory\\_bodies/impact\\_measurement\\_taskforce/resources\\_documents/thelimebook/en/](https://www.who.int/tb/advisory_bodies/impact_measurement_taskforce/resources_documents/thelimebook/en/)
2. Candidate should submit all certificates / testimonials in original for verification. Candidates who fail to bring the Original Certificates for written test / Interview will not be considered.
3. Age relaxation is admissible in respect of SC/ST/OBC candidates, Retrenched Government Employees, Departmental Candidates (including projects) and Ex-Servicemen in accordance with the instructions issued by the Central Government from time to time. Age concession to the extent of service rendered in other research projects will also be admissible for experienced and skilled persons.
4. Experience certificate should clearly state the nature of work during the period of employment.
5. No-Objection Certificate from the current employer (for Govt./AB/PSU Servants only).
6. All posts are Contractual for the duration offered. The appointment will be given initially for a period of six months, extendable till the end of study duration based on the performance of the candidate.
7. The incumbents selected will have no claim for regular appointments under NIRT/ICMR or continuation of his/her services in any other project.
8. TA/DA will not be paid by NIRT for attending the written test/ interview.
9. The Director, ICMR-NIRT reserves the right to increase or decrease the number of posts or cancel the recruitment or re-advertise the posts, without assigning any reasons thereof, no further correspondence will be entertained in this regard.
10. Any further information may be downloaded from ICMR-NIRT website which will be updated from time to time.
11. Date of Walk-in Interview may be changed due to administrative reasons, hence, candidates are advised to check website before appearing Walk-in Interview.

Interested candidates fulfilling the required qualification may download the prescribed application form from the website [www.nirt.res.in](http://www.nirt.res.in), [www.icmr.nic.in](http://www.icmr.nic.in) and **walk-in on the date and time mentioned above** to attend the walk-in-written test/interview at the venue mentioned above. The filled-in application along with self-attested copies of all credentials in support of educational qualifications, age, caste/community and affixing a colour passport size photograph on the application form should be carried with while reporting for walk-in. Original Certificates of all these credentials should also be carried with for verification.

The Director/Selection Committee has the right to accept / reject any application without assigning any reason thereof and no recommendation in this matter will be entertained.

Canvassing and bringing pressure in any form for short listing, interview and employment will be a disqualification and barred from selection process.

**DIRECTOR**