



**icmr** | **NIRT**  
INDIAN COUNCIL OF  
MEDICAL RESEARCH | 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

No. NIRT/PROJ/RECTT//2020-21

Dt: 21.10.2020

### Walk-In-Written Test/Interview

Project: “National survey for state-wise prevalence of microbiologically confirmed Pulmonary Tuberculosis in India”.

Tuberculosis Prevalence Survey is a time bound activity and is crucial for TB Elimination in India. It is planned to be undertaken on mission mode. NIRT has been embarking upon prevalence survey of Tuberculosis across the country expeditiously. To undertake this activity effectively and on a time-bound manner we are in search of candidates having high level of commitment and dedication to work mainly towards monitoring and intermittent field work throughout the country in various States/UTs. Preference will be given to those having work experience in National Health Surveys/ similar activities. These activities are being carried out through an ad-hoc research project of ICMR titled “National survey for state-wise prevalence of microbiologically confirmed Pulmonary Tuberculosis in India”.

**Venue: National Tuberculosis Institute, No. 8, Avalon, Bellary road (Near Cauvery theatre), Guttahalli, Bengaluru - 560003**

Candidates are invited to attend Walk-In Interview / Written Test for the below mentioned posts.

**Table 1 : Name of Post, salary, TA DA details and age limit**

SL. NO.	Contractual Post	Consolidated Monthly Salary	Daily Allowance on Tour per day as per ICMR norms.[Minimum of 20 days /month of field work is expected]	Upper age limit
1	Project Assistant (Field investigator)	Rs.31,000	Reimbursement of hotel/guesthouse accommodation up to Rs.750 per day Reimbursement of food bills not exceeding up to Rs.800 per day	30 years
2	Data Entry Operator (Grade B)	Rs.18,000	Reimbursement of hotel/guesthouse accommodation up to Rs.450 per day Reimbursement of food bills not exceeding up to Rs.500 per day	28 years
3	Project Technician III (Laboratory Technician)	Rs.18,000	Reimbursement of hotel/guesthouse accommodation up to Rs.450 per day Reimbursement of food bills not exceeding up to Rs.500 per day	30 years
4	Project Technician III (X- Ray Technician)	Rs.18,000	Reimbursement of hotel/guesthouse accommodation up to Rs.450 per day Reimbursement of food bills not exceeding up to Rs.500 per day	30 years

5	Project Technician III (Laboratory Technician) for IRL	Rs.18,000	No field Visit-Stationed in Intermediate TB Reference Laboratory	30 Years
6	Project Technician II (Health Assistant)	Rs.17,000	Reimbursement of hotel/guesthouse accommodation up to Rs.450 per day Reimbursement of food bills not exceeding up to Rs.500 per day	28 years
7	Multi-tasking staff (Sweeper)	Rs.15,800	Reimbursement of hotel/guesthouse accommodation up to Rs.450 per day Reimbursement of food bills not exceeding up to Rs.500 per day	25 years

**Table 2 :Qualifications and Job Responsibilities**

S. No	Name of the Post/ Designation	No of posts	Essential Qualification	Desirable Qualification	Job specifications / responsibilities
1	Project Assistant (Field Investigator)	1(UR-1)	Graduate in Science from a recognized university with three years' experience (or) Master's degree in relevant subject from a recognized university.	<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 RNTCP 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 National TB Prevalence Survey, India 2017-18 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>

2	Project Technician III (Laboratory Technician-field)	3(OBC-1,SC-1,ST-1)	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 recognized organization/institution or (iii) Two years laboratory experience in a government recognised organisation/institution. *B.Sc., degree shall be treated as three years' experience.	1. Experience in culture (solid and liquid) and DST for mycobacterium tuberculosis. 2. One year experience in RNTCP as LT. 3. Past experience of working in an Intermediate Reference Laboratory or National Reference Laboratory for Tuberculosis.	1. Get trained in Protocol of National TB Prevalence Survey, India 2017-18 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&DST and Blood tests using autoanalyzer before Survey commencement. 4. Perform safe opening of all sputum specimens received by IRL. 5. Use IT system (scanner and laptop) to ensure all entries of each sample is and its result is entered in the application. 6. Inform the Survey Team & local DTO & STLS about the instances of leakage, contaminations etc. suggesting action e.g. Repeat sample collection. 7. Perform processing of all received sputum and blood samples at the van and conduct test as per methods described in SOPs. 8. Perform DNA extraction (following all steps of PCR) for Line Probe assay on all sputum sample received. 9. Any other job as assigned by Senior Investigator, Medical Officer & PMU as per Survey needs.
3	Project Technician III (X-Ray Technician)	1(SC)	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 National TB Prevalence Survey, India 2017-18 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 X- Ray. 9. Should be well acquainted and follow norms of AERB (Atomic Energy Regulatory Board) for Radiation Safety & B.I.S. (Bureau of Indian Standards) for Mechanical & Electrical Safety. 10. Any other job as assigned by Senior Investigator, Medical Officer & PMU as per Survey needs.
4	Data Entry Operator (Grade B)	1(OBC)	<p>Intermediate or 12TH pass in science stream from a recognized board with DOEACC "A" level from a recognized institute and/or 2 years' experience in EDP work in Government, Autonomous, PSU or any other recognized organization</p> <p>A speed test of not less than 8000 key depressions per hour through speed test on computer.</p>	<p>1. Experience in Data Entry in research projects or in any National Health Program.</p> <p>2. Work experience in Electronic Data Processing /Biostatistics/Data Management.</p> <p>3. Should be well conversant with various computer programming including MS Word, Excel</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. Manage all laptops, local server, internet connection, tablets and applications and ensure smooth data synchronization.</p> <p>3. Monitor completeness of data in all fields during survey activities in the cluster village / town.</p> <p>4. Regular monitoring of dashboards and reports with pending activity lists for all activities and share the same for follow-up with respective staff.</p> <p>5. Cluster reporting and handing over by the Survey Team to local RNTCP and health staff.</p> <p>6. Coordinate with local RNTCP Units for pending cluster activities (especially for sputum sample collection and transportation, patient treatment initiation etc.)</p> <p>7. Maintain laptops, printers etc. in working condition including the anti-virus protection and regular updating, scanning etc.</p> <p>8. Facilitate trouble shooting for any IT application related issue faced by survey team.</p> <p>9. Manage correspondences between Survey Team and PMU as well as local health facilities e.g. DTC, PHC, GH, CHC etc.</p> <p>10. Maintain expenditure of funds during the cluster.</p> <p>11. Maintaining electronic attendance register for Survey Team as well as supervisory officers, support staff etc. for each cluster.</p> <p>12. Any other job as assigned by Senior Investigator, Medical Officer &amp; PMU as per Survey needs.A4:F4</p>

5	Project Technician III Laboratory Technician for IRL	1(UR)	<p>12th pass in science subjects with any one of the following,</p> <p>(i) Two years Diploma in Medical Laboratory Technology,</p> <p>or</p> <p>(ii) One year Diploma in Med Laboratory Technology with one year laboratory experience in a recognised organization/institution</p> <p>or</p> <p>(iii) Two years laboratory experience in a government recognized organisation/institution</p>	<p>1. Experience in culture and DST for mycobacterium tuberculosis.</p> <p>2. Two years' experience in RNTCP as LT.</p>	<ol style="list-style-type: none"> <li>1. Get trained in Protocol of National TB Prevalence Survey, India 2017-18 as well as SOPs and training manuals.</li> <li>2. Get trained in SOPs of RNTCP and National Lab committee recommendations for Intermediate Reference Laboratories.</li> <li>3. Achieve necessary skills to perform CBNAAT, testing, sputum microscopy, C&amp;DST and Blood tests using autoanalyzer before Survey commencement.</li> <li>4. Perform safe opening of all sputum specimens received by IRL.</li> <li>5. Maintain a register of entries of all sputum specimens received from Survey Teams.</li> <li>6. Inform the Survey Team &amp; local DTO &amp; STLS about the instances of leakage, contaminations etc. suggesting action e.g. Repeat sample collection.</li> <li>7. Perform processing of all received samples at IRL and decontamination by NALC-NAOH method</li> <li>8. Perform direct Fluorochrome- Microscopy on all sputum sample received.</li> <li>9. Perform DNA extraction (following all steps of PCR) for Line Probe assay on all sputum sample received.</li> <li>10. Inoculate Culture from all sputum specimens in L.J. Media.</li> <li>11. Perform DST (RHSE) on all positive cultures</li> <li>12. Inform the results of FM, C&amp;DST &amp; LPA to respective DTOs.</li> </ol> <p>Any other job as assigned by Senior Investigator, IRL Microbiologist &amp; PMU as per Survey needs</p>
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6	Project Technician II (Health Assistant)	2(UR-1, OBC-1)	<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</p> <p>B.Sc shall be treated as equivalent to 3 years.</p>	<ol style="list-style-type: none"> <li>1. Experience of working in Surveys</li> <li>2. Experience of working in TB program</li> <li>3 Experience of working in Research.</li> </ol>	<ol style="list-style-type: none"> <li>1. Get trained in Protocol of National TB Prevalence Survey, India 2017-18 as well as SOPs and training manuals.</li> <li>2. Confirm identity of participant based on survey enumeration database, enroll eligible in the survey, hand over correct enrolment card (with bar code) to the participant.</li> <li>3. Inform the participants about the details of Survey, testing methods adopted and risks as well as benefits of the participation with standard tool and obtain written, informed &amp; valid consent before enrolment of participant.</li> <li>4. Interview each enrolled participant (after taking consent) for symptom screening and history taking</li> <li>5. Enter all information during interview in the android application on tablet.</li> <li>6. Ensure that sputum is collected from each eligible based on symptom screening.</li> <li>7. Advise participants about the next place to proceed, accompany the participant if needed.</li> <li>8. Coordinate with local health staff (e.g. FHW) and MO / Survey Team Leader to ensure that all pregnant women are excluded from the study. Arrange for pregnancy test if required.</li> <li>9. Ensure that chest X-Ray has been taken for all eligible participants.</li> <li>10. Motivate the local staff, volunteers, to promote more participation in Survey.</li> <li>11. Assist Senior Investigator in preparing cluster report.</li> <li>12. Any other job as assigned by Senior Investigator, Medical Officer &amp; PMU as per Survey needs.</li> </ol>
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7.	Multi- Tasking Staff (Sweeper)	1 (UR)	High school or Equivalent.	Experience of working in Field surveys and health programs.	<ol style="list-style-type: none"> <li>1. Get oriented in requirements of National TB Prevalence Survey, India 2017-18.</li> <li>2. Assist in establishing central survey site at the central place in cluster or near strategic location near SC / PHC / CHC / GH or community centres etc.</li> <li>3. Arranging drinking water, tea for the survey team, local volunteers, staff etc.</li> <li>4. Plan &amp; ensure sitting arrangements for survey team</li> <li>5. Distribute IEC handbills.</li> <li>6. Assist Survey Team &amp; Research supervisor for frozen ice-packs for cold chain maintenance by coordinating with local PHC.</li> <li>7. Any other job as assigned by Senior Investigator, Medical Officer &amp; PMU as per Survey needs.</li> </ol>
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**Table 3 :Venue and Date of Test**

Sl. No.	Venue	Date of Interview/ Written Test	Designation and Number of Posts	Languages expected to be known	Area of working*
1	National Tuberculosis Institute, Avalon, No:8, Bellary Road,(Near Cauvery theatre) Bengaluru, Karnataka -560003	28.10.2020	Project Assistant (Field investigator)-1 Post (UR-1), Project Technician III (Laboratory Technician) (for IRL)-1 Posts (UR-1), Project Technician III (Laboratory Technician) for field-3 Posts (OBC-1,SC-1,ST-1), Project Technician III (X-Ray Technician)-1 Post (SC - 1), Project Technician II (Health assistant)- 2 Posts (UR-1, OBC-1) Data Entry Operator (Grade B)-1 Post (OBC-1) Multi-Tasking Staff (Sweeper) -1 Post (UR-1)	Kannada/ English	Karnataka

Though the primary area of work is as mentioned above, depending on the project requirements the staff may be posted in the other sites, states for completion of the project in timely manner

#### **General Conditions**

1. Initial Contract will be for 6 months or till the completion of the project whichever is earlier.
2. The conditions of employment will be the same as that of the project staff on contract basis.
3. The candidates have no right to claim for any regular employment in this Institute.
4. The appointing authority has the right to accept/ reject any application without assigning any reason(s) and no correspondence in this matter will be entertained. Age, Qualification, experience etc., will be reckoned as on the date of walk-in-written test/ Interview.

#### **Instructions to 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. The Candidates should bring 2 copies of the Bio data in the prescribed format which can be downloaded from NIRT website along with all certificates / testimonials in original for verification.
3. Candidates are requested to bring one set of self-attested copies while attending test/Interview. Candidates who fail to bring the



Original Certificates for written test / Interview will not be considered.

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 engagement may be renewed after every specific period of time subject to satisfactory performance and project requirement.
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. The reporting time will be from 9.00 a.m. to 10.00 a.m. and the walk in interview/written test will be from 11.00 a.m. onwards. TA/DA will not be paid to the candidates 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 **NIRT** website which will be updated from time to time.
11. Date of Walk-in Interview/written test may be changed due to administrative reasons, hence, candidates are advised to check website before appearing Walk-in Interview.
  - 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