

NATIONAL TUBERCULOSIS INSTITUTE

No. 8, Bellary Road, Bangalore – 560003

National TB Institute is a Subordinate office under Directorate General of Health Services, Ministry of Health and Family Welfare, invites application for the following posts on **contractual basis for WHO assisted DRS Study**.

Sl. No.	Posts	NO. of posts	Remuneration (Per month)
1	Study Coordinator	2	65000-00
2.	Senior Microbiologist	2	65000-00
3.	Sr. Lab Technicians	6	25000-00
4.	Lab. Technicians	2	18000-00
5.	Accountant	1	20000-00
6.	Data Analyst	1	20000-00

The details regarding qualifications and other terms of appointment and format of application, please refer to NTI website (<http://ntiindia.kar.nic.in>).

The application duly filled may be submitted to the Director, National Tuberculosis Institute, No. 8, Bellary Road, Bangalore – 560003 or through email : nti@ntiinia.org.in, so as to reach on or before 5.00 p.m. of 30-04-2014.

SD/-

Director

Study Coordinator (2 Posts)

The study coordinator should meet the following criteria in terms of qualifications, technical competencies, and experience:

- **Educational Qualification:**

MBBS, MD in Internal Medicine/ TB & Chest Diseases/ Community Medicine with background in public health

- **Technical Competencies**

Excellent understanding of quantitative research methods: study design, data collection tools, field supervision and monitoring

Excellent written and oral communication skills in English

Solid knowledge of public health related to TB and allied communicable diseases

Working and essential knowledge of computers

- **Experience:**

At least five (5) years of comparable experience in working with RNTCP or TB related research work at a senior management level

Experience working in either state or national level as consultant in TB

- **Terms of Reference**

- Under the overall supervision of the Director NTI or as assigned by him, the incumbent will have the following duties and responsibilities

1. Supervise and coordinate with the states for recruitment of patients for the DRS
2. Undertake supervisory visits on monthly basis as per the needs of the study and report findings and provide feedback
3. Monitoring progress on intake and identifying gaps and escalating to concerned officials for follow up action.
4. To coordinate with NTI Data Management Team to identify and address gaps in data collection and validation.
5. Prepare and assist in data analysis and periodic review with the States and participating sites
6. Coordinate with CTD, WHO, NTI, Field consultants and States for smooth conduct of the survey activities.
7. Periodic reporting on progress of DRS on monthly basis to CTD and WHO.
8. Any other duties as assigned

Senior Microbiologist (2)

The Senior Microbiologist should meet the following criteria in terms of qualifications, technical competencies and experience

- **Educational Qualification:**
Post Graduate Degree in Microbiology MD or PhD
- **Technical Competencies**
Excellent knowledge of TB bacteriology including phenotypic and genotypic methods
Knowledge of newer diagnostic tools
Knowledge and experience in bench work for MGIT systems and interpretation of results and problem solving
Knowledge on molecular techniques including genetic sequencing would be an added advantage
Knowledge of Computer
- **Experience:**
At least five (5) years of comparable experience in working with RNTCP or TB related work at a reputed laboratory
Experience working in either state or national level as consultant in mycobacteriology laboratory
- **Terms of Reference**
 - Under the overall supervision of Director NTI and the WHO focal point, the incumbent will have the following duties and responsibilities
 - 1. Supervise and assist the senior laboratory technicians and laboratory technicians in relation to all laboratory work related to DRS
 - 2. Overall responsibility for all results finalization on the MGIT system and coordination with Data section
 - 3. Perform all duties related to molecular processing related to genetic sequencing, discordance resolution between phenotypic and genotypic results generated in the DRS and regular update of all results
 - 4. Maintenance all lab registers and reports
 - 5. Actively assist in the collection, analysis and interpretation of data.
 - 6. Supply chain management of the lab Consumables
 - 7. Any other duty assigned including liaising with CTD and WHO

Senior Laboratory Technicians (6)

The Senior Laboratory Technician should meet the following criteria in terms of qualifications, technical competencies and experience

- **Educational Qualification:**

MSc (Microbiology) or MSc (Medical Laboratory Technology) with DMLT

- **Experience:**

A Minimum of 3 years' experience of working in a laboratory with specific knowledge of setting up culture and sensitivity of Mycobacterium tuberculosis in both solid (LJ) and especially Liquid culture systems (MGIT). Previous experience of working in RNTCP is an added advantage

Knowledge on molecular techniques, genetic sequencer will be an added advantage

Knowledge of Computer

- **Terms of Reference**

- Under the overall supervision of the laboratory supervisor NTI the incumbent will have the following duties and responsibilities

1. Processing of sputum samples and setting up of DST in the MGIT 960 system and solid culture back up
2. Preparation of media, reagents and stains.
3. Assist the microbiologist in laboratory activities including Culture and DST; maintain laboratory registers and data compilation/analysis.
4. Perform internal and external quality control procedures and maintain records of the same
5. Process culture isolates for long term storage in -70 C and repository.
6. Perform DNA extraction for genotypic procedures
7. Any other duties assigned by the supervisor.

Laboratory Technicians (2)

The Laboratory Technician should meet the following criteria in terms of qualifications, technical competencies and experience

- **Educational Qualification:**

BSc (Microbiology) or BSc (Medical Laboratory Technology) with DMLT

- **Experience:**

A Minimum of 3 years' experience of working in a laboratory with specific knowledge of setting up culture and sensitivity of Mycobacterium tuberculosis in solid (LJ), smear microscopy and media preparation. Previous experience of working in RNTCP is an added advantage.

- **Terms of Reference**

- Under the overall supervision of the laboratory supervisor NTI the incumbent will have the following duties and responsibilities

1. Processing of sputum samples and solid culture inoculation
2. Preparation of media, reagents and stains.
3. Assist the microbiologist in laboratory activities including Culture, maintain laboratory registers and data compilation/analysis.
4. Perform internal and external quality control procedures and maintain records of the same
5. Perform DNA extraction for genotypic procedures
6. Any other duties assigned by the supervisor.

Accountant

- **Educational Qualification:**

Post graduate degree in Commerce

- **Experience:**

- a. Working experience in Tally Software.

- b. Article ship of 1-2 years with recognised Chartered Accountancy preferable

- **Job Requirements:**

Maintenance of Accounts of National Drug Survey Study; Passing necessary bills, making payments, maintenance of cash books, making double entries in ledgers books, filing of vouchers.

Data Analyst

General Purpose: Provide expertise to acquire, manage, manipulate and analyze data and report results.

Responsibilities:

Daily Operations:

- Identify problematic areas and determine the best course of action to correct the data
- Analyze and problem solve issues with current and planned systems as they relate to the integration and management of data (for example, review for accuracy in record merge, unmerge processes)
- Analyze reports of data duplicates or other errors to provide ongoing appropriate inter-departmental communication and monthly or daily data reports
- Monitor for timely and accurate completion of select data elements
- Identify, analyze and interpret trends or patterns in complex data sets
- Monitor date wise data dictionary statistics

Data Capture:

- In collaboration with others, develop and maintain databases and data systems necessary for projects and department functions
- Acquire and abstract primary or secondary data from existing internal or external data sources
- In collaboration with others, develop and implement data collection systems and other strategies that optimize statistical efficiency and data quality
- Perform data entry, either manually or using scanning technology, when needed or required

Data Reporting:

- In collaboration with others, interpret data and develop recommendations based on findings
- Develop graphs, reports and presentations of project results
- Perform basic statistical analysis for projects and reports
- Create and present quality dash boards

- Generate routine and ad hoc reports

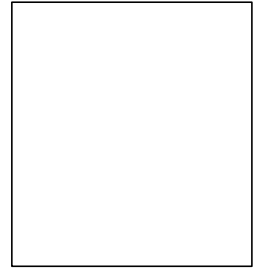
Knowledge / skills

- ♣ Proficient in MS word, Excel. Access and power point
- ♣ Experience using Epiinfo, SPSS or other statistical packages is desirable for analyzing large data sets
- ♣ Programming skills preferred. Adept at queries and report writing
- ♣ Knowledge of statistics at least to the degree necessary in order to communicate easily with statisticians
- ♣ Experience in data mining techniques and procedures and knowing when their use is appropriate
- ♣ Ability to present complex information in an understandable and compelling manner

Preferred qualifications:

- ♣ Bachelor in computer science, Mathematics, Statistics or related fields
- ♣ Health care background or experience
- ♣ Previous data analyst experience

Format of application:



1. Name
2. Date of Birth
3. Sex (Male / Female)
4. Post Applied for,
5. Full address for communication

6. Phone No
7. e-mail
8. Qualification – Attach copies of certificates

9. Past experience