

## Recruitment Notice No: THS/RN/10/2019

### RECRUITMENT FOR SCIENTIFIC, TECHNICAL AND ADMINISTRATIVE POSITIONS

1. Translational Health Science and Technology Institute (THSTI) is an autonomous Institute of the Department of Biotechnology (DBT), Ministry of Science and Technology, Govt. of India. The institute is an integral part of the interdisciplinary NCR Biotech Science Cluster (NCR BSC) located at Faridabad, and is designed with the mission to conduct innovative translational research to translate concepts into products to improve human health. We are in the process of filling up vacancies in the project entitled “**Translational Research Program**”. This program comprises of four major research themes and four core facilities.

a. The four major research themes for the new research and development program are:

i. Infectious diseases and immunology [I&I]

The focus is on drug and vaccine development for infectious diseases. Specific objectives of this area are:

- Discovery and validation of therapeutics for tuberculosis and other infectious diseases
- Late stage vaccine development for diseases of public health interest in India
- Pathogen phylogenetics
- Deep immunophenotyping of humans challenged with vaccines or infectious agents
- Establishment of proof-of-principle for microbiome-based interventions in i) inflammatory bowel disease and ii) pre-term birth

ii. Maternal and child health [MCH]

Maternal and child health research at THSTI encompasses molecular studies in perinatal biology, maternal nutrition and other aspects relevant to maternal and child health.

- Understand feto-placental development and in utero placental dysfunction and association with pregnancy outcomes
- Long term outcomes in growth-restricted fetuses and preterm babies
- Environmental determinants of pregnancy outcomes
- Develop tools to measure nutrient status
- Biology of nutrition and evaluation of interventions

iii. Multi-disciplinary clinical and translational research [MCTR]

This area is focused on development of diagnostics for infectious diseases, antimicrobial resistance and snake-bite and following objectives have been identified:

- Highly sensitive semi-quantitative point-of-care tests (POCT) for blood-borne virus screening and for acute febrile illnesses
- Rapid tests for Antimicrobial Susceptibility Testing
- New approaches to identification of snake venom/bites

iv. Non-communicable diseases, with a focus on Diabetes and NASH [NCD]

Multidisciplinary approaches to address unmet needs of target discovery and validation, identification of stage-specific biomarkers for diagnosing disease progression using animal models and development and validation of prediction tools. Current focus is on:

- Tool for diabetes prediction based on metabolomic signatures using machine learning algorithms
- *In vitro* and *in vivo* models of non-alcoholic fatty liver disease (NAFLD), to evaluate new chemical entities (NCEs) and plant-based extracts to identify therapeutic leads
- Stage-specific molecular signature for diagnosis/ prognosis of dyslipidemia, inflammation and fibrosis associated with NAFLD/NASH.

b. The four thematic areas will be supported by four core facilities that will serve not only the research programmes of THSTI, but also cater to the NCR-BSC and other academic and industrial partners.

(i) Bioassay Laboratory [BAL]

The bioassay lab was established in 2018 with the goal of ISO accreditation by the National Accreditation Board for Testing and Calibration Laboratories. Candidate viral vaccines are being developed in India and will require clinical trials from Phase I to Phase III. BAL will act as a GCLP facility to support these clinical studies by providing assay platforms for various clinical and immunological assays.

(ii) Biorepository Facility [BRF]

The biorepository (*Rakshita*) is a bio-bank for facilitating national and international collaborations on translational research in maternal and child health. The biorepository is continuously expanding with samples being collected at collaborating hospitals and sent to THSTI.

(iii) Data Management Centre [DMC]

A state-of-the-art data management centre is currently augmenting the data management capability and capacity of investigators working on research projects that

require management of enormous amount of data collected through clinical studies, cohort studies and large multicentre studies being led / coordinated by THSTI investigators. The DMC provides support for statistical analysis to groups at THSTI and outside.

(iv) Small Animal Facility [SAF]

The Small Animal Facility (SAF) breeds and maintains genetically defined inbred strains of rats and mice and has a specialized animal biosafety containment facility for undertaking animal research for infectious diseases. Future upgradation for development of transgenics and new models is underway.

2. Applications are invited from eligible candidates to fill up the following positions in the three major research themes namely, I&I, NCD and MCTR and the four core facilities namely BAL, BRF, DMC and SAF:

S. No.	Name of the Post	Category					Total Post
		UR	OBC	SC	ST	EWS	
2.1	SCIENTIFIC POSITIONS						
a.	PRINCIPAL SCIENTIST-II/ PRINCIPAL SCIENTIST-I	6	2	1	-	1	10
b.	SENIOR RESEARCH SCIENTIST	5	1	1	-	-	7
c.	RESEARCH SCIENTIST	8	3	2	1	1	15
d.	JUNIOR RESEARCH SCIENTIST	3	1	-	-	-	4
2.2	TECHNICAL POSITIONS						
e.	TECHNICAL MANAGER	3	-	-	-	-	3
f.	SENIOR TECHNICAL OFFICER	5	2	1	-	-	8
g.	TECHNICAL OFFICER – II	5	1	1	-	-	7
h.	TECHNICAL OFFICER – I	3	1	-	-	-	4
2.3	ADMINISTRATIVE POSITIONS						
i.	SECTION OFFICER	3	-	-	-	-	3
j.	MANAGEMENT ASSISTANT	3	-	-	-	-	3

3. The details of the various scientific positions are given below:

S. No.	Name of the Post/ No. of Post / Maximum Monthly consolidated emoluments/ Age Limit	Minimum Qualifications & Experience
a.	i) Principal Scientist-II Upto Rs. 1,92,000/- 55 years	MD or equivalent OR Ph.D in Life Sciences/ Chemical Sciences /Pharmaceutical Sciences/ Engineering or relevant branch from a recognized University with 7 years of relevant research experience as evidenced by patents or publications
	ii)Principal Scientist-I Upto Rs. 1,50,000/- 55 years Ten posts (both (i) + (ii))	MD or equivalent OR Ph.D in Life Sciences/ Chemical Sciences / Pharmaceutical Sciences/ Engineering or relevant branch from a recognized University with 5 years of relevant research experience as evidenced by patents or publications
b.	Senior Research Scientist Seven posts Upto Rs. 1,25,000/- 45 years	MD or equivalent OR Ph.D in Life Sciences/ Chemical Sciences / Pharmaceutical Sciences/ Engineering or relevant branch from a recognized University with 3 years of relevant research experience
c.	Research Scientist Fifteen posts Upto Rs. 1,00,000/- 40 years	MD or equivalent OR Ph.D in Life Sciences/ Chemical Sciences / Pharmaceutical Sciences/ Engineering or relevant branch from a recognized University with 1 year of relevant research experience
d.	Junior Research Scientist Four posts Upto Rs. 85,000/- 35 years	MD or equivalent OR Ph.D in Life Sciences/ Chemical Sciences / Pharmaceutical Sciences/ Engineering or relevant branch from a recognized University.

Note 1: Those willing to apply for the above scientific positions are required to identify their area of expertise from amongst the three themes namely I&I, NCD or MCTR or core facilities namely BAL, BRF, DMC and SAF and other areas relevant with the mandate of

THSTI explaining in 1000 words how they will be able to contribute to the thematic area / core facility towards the project.

Note 2: The number of positions shown in the advertisement of Employment News **against ‘c’ and ‘d’ may be read as shown above.**

4. The details of the Technical and Administrative positions are given below and the applicants should have expertise in the areas shown against them:

S.No.	Name of the post	Minimum Qualifications & Experience	Areas of expertise
e.	Technical Manager Three posts Upto Rs. 1,00,000/- 40 years	Ph.D in Life Sciences/ Chemical Sciences / Pharmaceutical Sciences/ Computer Science/ Information Technology / Engineering or relevant branch from a recognized University with 1 year of relevant experience OR PG degree/ PG Professional degree in Life Sciences/ Chemical Sciences / Pharmaceutical Sciences/ Computer Science/ Information Technology / Engineering or relevant branch from a recognized university with 11/10 years of relevant experience OR Graduate degree / Graduate Professional degree in Life Sciences/ Chemical Sciences / Pharmaceutical Sciences/ Computer Science/ Information Technology / Engineering or relevant branch from a recognized University with 13/12 years' of relevant experience.	Faculty support for Lab Management/ Bio Assay Lab/ Information Technology
f.	Senior Technical Officer Eight posts Upto Rs. 85,000/- 35 years	PG Degree /PG Professional degree Life Sciences/ Chemical Sciences / Pharmaceutical Sciences/ Computer Science/ Information Technology / Engineering or relevant branch from a recognized University with 7/6 years' of relevant experience OR Graduate degree /Professional Graduate degree in Life Sciences/ Chemical	Infection and Immunology/ Non-Communicable Diseases / Multidisciplinary Clinical and Translational Research/ Bioassay Lab

		Sciences / Pharmaceutical Sciences/ Computer Science/ Information Technology / Engineering or relevant branch from a recognized University with <b>9/8 years' of relevant experience</b>	
g.	Technical Officer-II Seven Posts Upto Rs. 75,000/- 30 years	PG Degree /PG Professional degree in Life Sciences/ Chemical Sciences / Pharmaceutical Sciences/ Computer Science/ Information Technology / Engineering or relevant branch from a recognized University <b>with 4/3 years' of relevant experience</b> OR Graduate degree /Professional Graduate degree in Life Sciences/ Chemical Sciences / Pharmaceutical Sciences/ Computer Science/ Information Technology / Engineering or relevant branch from a recognized University with <b>6/5 years' of relevant experience</b>	Infection & Immunology/ Non-Communicable Diseases / IPR & Legal/ Engineering (Civil / Electrical /Instrumentation)
h.	Technical Officer-I Four Posts Upto Rs. 60,000/- 30 years	PG Degree /PG Professional degree in in Life Sciences/ Chemical Sciences / Pharmaceutical Sciences/ Computer Science/ Information Technology / Engineering or relevant branch from a recognized University with <b>3/2 years' of relevant experience</b> OR Graduate degree /Professional Graduate degree in Life Sciences/ Chemical Sciences / Pharmaceutical Sciences/ Computer Science/ Information Technology / Engineering or relevant branch from a recognized University <b>with 5/4 years' of relevant experience.</b>	Non-Communicable Diseases / Bioassay Lab / Multi-disciplinary clinical and translational research

i.	Section Officer Three Posts Upto Rs. 75,000/- 30 years	Graduate in any discipline / Post Graduate Degree or Diploma in Management or equivalent from a recognised University with <b>minimum 6/4 years' of relevant</b> work experience preferably in an Govt. / PSU / CAB / Corporate office of large Public Limited Company.	Finance & Accounts / Stores & Purchase /Personnel & Administration
j.	Management Assistant Three posts Upto Rs. 60,000/- 30 years	Graduate in any discipline / Post Graduate Degree or Diploma in Management or equivalent from a recognized university with <b>minimum 5/3 years' of relevant</b> work experience preferably in a Govt. / PSU / CAB / Corporate office of large Public Limited Company	Finance & Accounts / Stores & Purchase/ Secretarial work/ Personnel & Administration

5. Selection Criteria:

S.No.	Positions	Assessment Criteria	Marks
5.1	a. Principal Scientist II/Principal Scientist I	Project Proposal	30
		Presentation (3 slides)	30
	b. Senior Research Scientist c. Research Scientist d. Junior Research Scientist	Interview	30
		Academic Record	10
5.2	e. Technical Manager f. Senior Technical Officer	Written Test	50
		Skill Test	25
		Interview & Academic record	25
5.3	g. Technical Officer – II h. Technical Officer – I	Written Test	50
		Skill Test	25
	i. Section Officer j. Management Assistant	Presentation/ Computer Ability Test	25

Note: The selection committee may consider a candidate for lower grade based on the suitability of the candidate.

6. GENERAL TERMS & CONDITIONS:

- a. Appointment will be made on yearly contract basis for a period of three years (extendable to five years) with an initial probation period of six months that may be extended at the discretion of the competent authority.
- b. All educational, professional and technical qualification should be from a recognized Board/University.
- c. Persons working in Govt. / PSUs / autonomous bodies should apply through proper channel **or produce a relevant 'No Objection Certificate' at the time of written test/skill test/interview.**
- d. The experience requirement specified shall be experience acquired after obtaining the minimum educational qualifications specified for the post.
- e. Age and other relaxations for direct recruits and departmental candidates: (i). By 5 years for candidates belonging to SC/ST communities. (ii) By 3 years for candidates belonging to OBC communities. (iii) For Persons with Disabilities (PWD) falling under the following categories : (a) UR - 10 years , b) OBC - 13 years (c) SC/ST - 15 years (iv) For Ex-servicemen up to the extent of service rendered in defence forces (Army, Navy & Air force) plus 3 years provided they have put in a minimum of 6 months attested service. (v) Relaxation of 5 years will also be permissible to those who had ordinarily been domiciled in the Kashmir division of the State of Jammu and Kashmir during the period from 01/01/1980 to 31 /12/1989 subject to production of relevant certificate from the concerned authority. (vi) Age is relaxable for Government servants up to 5 years in accordance with the instructions or orders issued by the Central Government, from time to time (vii) There will be no upper age limit for the Institute employees who are treated as departmental candidates.
- f. Closing date of online application will be the CRUCIAL DATE for determining eligibility with regard to age, essential qualification etc.
- g. **Number of positions filled will be as per the Institute's need and availability of the suitable candidates.**
- h. Outstation SC/ST/PWD candidates called for the written test/skill test/interview will be paid to & fro second class railway fare, as per Govt. of India rules on production of the proof of travel.
- i. Any further information with regard to this notification and shortlisting/results will be published on our website and all future communications will be only through email.
- j. Canvassing in any form will be a disqualification.



7. Procedure for filling online application:

a. Before filling up the online application, keep the following documents handy:

- i) A soft copy of your passport size photo and signature. (only jpeg/jpg/png format, file size 40 kb maximum)
- ii) A comprehensive CV (PDF format only, file size 500kb maximum) containing details of qualification, positions held, professional experience/distinctions etc.
- iii) The documents in support of educational qualification and experience (PDF format only, file size 500 kb maximum) as mentioned below:

- Matriculation Mark sheet
- Intermediate Mark sheet
- Graduation Degree/Mark Sheet
- Post-Graduation Degree/Mark Sheet (if any)
- Ph.D/MD or equivalent degree (if any)
- Relevant experience certificates (if any)
- Caste / Disability certificate in the format prescribed by the Govt. of India, if applicable
- List of Publications (if any)
- List of patents (if any)
- Project Proposal (not exceeding 1000 words)  
**(This is required only for scientific positions 'a' to 'd' wherein the candidate is required to identify the areas of expertise from the research themes (I&I, NCD and MCTR), core facilities (BAL, BRF, DMC and SAF) and other areas relevant with the mandate of THSTI explaining in 1000 words how they will be able to contribute to the thematic area/facility towards the project).**

iv) Application fee is to be deposited online as per details given below:

S. No.	Category	Amount
1.	Unreserved candidates/EWS	500
2.	SC/ST/OBC/Women/PWD	300

- The payment can be made by using Debit Card/Credit Card/Internet Banking/PayTM/Bhim UPI
- Fee once paid shall not be refunded under any circumstances.

- b. The eligible and interested candidates may apply online at the Institute's website [www.thsti.res.in/career](http://www.thsti.res.in/career). Applications through any other mode, except online, will not be accepted.
- Click on the option "New User Registration" which will open up to a new screen. Fill in all the details and click on Register.
  - After successful registration, a confirmation email will be sent to your registered email Id.
  - Click on "Apply Now" button to see all the available job openings and start filling the form.
  - An applicant can apply for one domain area through one application. In case, the applicant desires to apply for more than one area, separate application has to be submitted.
  - In case, the candidate is unable to complete the application form in one go, he / she can save the data already entered by choosing "SAVE AND NEXT" tab. Prior to submission of the online application candidates are advised to use the "PREVIEW" facility to verify the details in the online application form and modify the same if required.
  - Once online application is submitted, no correction/modification is possible.
  - Click on "Payment" button to proceed for the payment.
  - On successful submission of your application, an auto-generated email containing the reference number will be sent to the email address provided. Please keep a note of the reference number for future correspondence
  - Candidates are required to keep a copy of the online application form for future reference available via Print button on the dashboard.
- c. Candidates must ensure that he/she fulfils all eligibility criteria as stipulated in the advertisement. If it is found that he/she does not fulfil the stipulated criteria, the candidature will be cancelled.
- d. Incomplete applications shall be summarily rejected and no correspondence in this regard shall be entertained.
- e. Candidates are requested to use Google Chrome internet browser for best results in submission of online application.
- f. In case of difficulty in filling up the online form, please send e-mail to [personnel@thsti.res.in](mailto:personnel@thsti.res.in)

**Last date for receipt of online application is 15<sup>th</sup> June 2019**

**"Government strives to have a work force which reflects gender balance and women candidates are encouraged to apply"**