

Recruitment Notice No: THS/RN/19/2015

RECRUITMENT FOR ADMINISTRATIVE, SCIENTIFIC & TECHNICAL POSITIONS

- a) Translational Health Science and Technology Institute (THSTI) is an autonomous Institute of the Department of Biotechnology under the Ministry of Science and Technology, Govt. of India. THSTI is developed as a part of the interdisciplinary NCR Biotech Science Cluster located at Faridabad, in the National Capital Region. THSTI is designed as a dynamic, interactive organization with a mission to conduct innovative translational research and to develop research collaborations across disciplines and professions to translate concepts into tangible products to improve human health.
- b) THSTI has set up niche centres for research in areas relevant to planned translational work. They are: Vaccine and Infectious Disease Research Centre (VIDRC), Paediatric Biology Centre (PBC), Centre for Bio-design & Diagnostics (CBD), Drug Discovery Research Centre (DDRC), Centre for Human Microbial Ecology (CHME), Policy Centre for Biomedical Research (PCBR). Clinical Development Service Agency (CDSA) and the National Bio-design Alliance (NBA) are THSTI's extramural centres.
- c) This advertisement is to fill up the vacancy under the centre National Bio-design Alliance (NBA) & Centre for Bio- design & Diagnostics (CBD).
- d) The Department of Biotechnology (DBT), Govt. of India has initiated the National Bio-design Alliance (NBA), a multi-institutional partnership program in bio-design for devices and diagnostics. Alliance partners currently include THSTI, RCB, ICGEB, AIIMS, IIT-Delhi and CMC Vellore, with additional institutions to be included in the future. The Alliance will be coordinated by an extramural secretariat established at THSTI. The primary mission of the NBA is to promote science and application related to affordable implants, devices, in vitro diagnostics and imaging. The program will promote an effective translational route of basic findings ultimately into routine applications of major importance, through a multidisciplinary approach. This Alliance has various premier national Science and Technology organizations as innovation partners and is open for inclusion of new partners.
- e) Centre for Bio-design and Diagnostics (CBD) has been established as a niche centre of THSTI. The primary mission of this centre is to promote an effective translational route of basic findings through a multidisciplinary approach, combining new bio markers, medical technology innovation, product development and clinical expertise. The centre would focus on establishing high quality, affordable technologies and ensuring their development to reach patients. Major areas of research are broadly divided between diagnostics and medical technologies covering implants and devices. The diagnostics focus includes protein and antibody engineering, detection technologies and concepts, nucleic acid diagnostics, new clinical markers, decentralized diagnostics (Point-of-Care), bio-organic chemistry diagnostic technologies, bio-affinity test concepts and systems, micro-fluidics, miniaturization, different reporter alternatives multiplexing. Implants and devices cover products incorporating novel

biomaterials, drug delivery systems, tissue engineering, aerosol engineering, prostheses, frugal innovation and advanced systems for soft matter characterization.

f) Applications are invited from suitable candidates for the following positions:

S No.	Name of the post / No. of positions /Maximum monthly consolidated emoluments/ Age Limit	Qualifications & Experience	Job Description
1.	<p>Enterprise Development Specialist</p> <p>One</p> <p>(Upto) Rs. 80,000/-</p> <p>45 years</p>	<p>M.Sc./M.Tech/ MBA with basic degree in Science or Engineering and at least 5 years' experience in multi-disciplinary research, innovation set-up and management</p> <p>Desirable: PG diploma in Business Administration. / Ph.D. in life sciences or engineering.</p> <p>OR</p> <p>8 years of experience in multi-disciplinary research innovation set-up and management.</p>	<p>The incumbent will inform, inspire, engage and build relationships for the NBA, convene the advisory board meetings, network scientific and outreach events, and foster research connectivity and industry linkages. More specifically this position will be responsible for the following day-to-day functions at the NBA Secretariat-</p> <ul style="list-style-type: none"> • Provide platforms and fora to facilitate communication between partners. • Facilitate open sharing of intellectual and physical resources on an on-going basis. • Initiate new partnerships for expanding NBA. • Securing funding and other infrastructure resources for NBA • Identify and engage external enablers, service providers, intermediaries and international resources to augment NBA initiatives. • Promote NBA strengths and progress to both domestic and international funding agencies and investors. <p>This mid-senior level position will report to the Coordinator of the Alliance and work with him/her towards making this Alliance a success.</p>

<p>2.</p>	<p>Business Development Officer</p> <p>One position</p> <p>(Upto) Rs. 80,000/-</p> <p>45 years</p>	<p>M.Tech/ MBBS/ M.Sc., or MBA in Business or Marketing with basic degree in Biology or Engineering related fields.</p> <p>AND</p> <p>5 years' experience in Business Development role primarily in diagnostic/devices in medical bio/technology industry.</p> <p>Desirable:</p> <p>MD/PhD degree should have strong knowledge of scientific principles guiding the aspects of diagnostics development Broad background across the devices and / or diagnostic industry. Should have thorough knowledge of regulatory approval process for diagnostics and devices in India, EU and US. Significant project management experience and ability to handle multiple projects simultaneously. Must be highly motivated, proven success in achieving business development goals, with ability to network extensively to create new alliance opportunities with targeted research organisations, pharmaceutical and/or biotech industry.</p>	<ul style="list-style-type: none"> • To establish, maintain and expand collaborations between research organisations and biotech companies working on diagnostics and devices and commercialization of innovation technologies developed in the Centre for Bio-design & Diagnostics Programme. • The BDO will be working closely with the diagnostics team and support the identification, evaluation and implementation of collaborations from biomarker discovery through diagnostics and devices regulatory submission and commercialization. • Assist in gap analysis and evaluation of biomarkers, technology platforms, diagnostics tools and medical devices required to advance the activities of the Centre for Bio-design & Diagnostics Programme. • The BDO will also be contributing to the knowledge built around all aspects of biotech / pharma- diagnostics and devices deal making for example: Diagnostic development stages & costs. Intellectual property & legal components and Commercialization. • The BDO will be responsible for promotion of the program & ensure its activities are consistently presented in strong and positive manner to relevant stakeholders. • The BDO should establish new collaborations with relevant academic/ other communities in medical diagnostic and devices domain.
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3.	Chief Scientific Officer One (Upto) Rs. 80,000/- 50 years	MD/ Ph.D in any branch of Life Sciences/ Engineering AND 10 years' of relevant experience	<ul style="list-style-type: none"> • Will support a collaborative model of working in public-private partnership and will be involved in entrepreneurship development through a multi-disciplinary approach. • Will be responsible for translating innovations to develop new processes or products and will network with national and global institutes and industries. • Create workshop and seminars and other programs to boost the culture of innovation/translational research that would ultimately lead to products. • Execute strategies to support the innovation activities through funding opportunities, partnerships and help the researchers obtaining extramural funding. • Develop effective interactions between clinicians, epidemiologists, biologists and engineers to augment a process for need-finding based on clinical immersion of biological research products generated at THSTI. • Work with clinicians, NGO's, patients, researchers to find where the unmet need is in India and guiding research in the field of unmet needs.
4.	Innovation Awardee (Devices) Two (Upto) Rs.40,000/- 35 years	PhD with proven track record of innovation in medical devices and implants/ biomaterials/ tissue engineering/ optics/ imaging platforms and medical image processing/ Bioinformatics and Big Data Analytics/ Medical Electronics & Instrumentation/ mobile health technologies/	<ul style="list-style-type: none"> • Working on independent projects in one or more of the areas listed under the guidance of assigned CBD Faculty Assisting in landscape mapping, market analysis and identification of unmet needs by rigorous primary and secondary research as well as direct clinical immersion.

		<p>biomedical nanotechnology/ aerosol engineering/ microfluidics and photolithography/ machine learning/ Bioprocess Engineering/ frugal innovation in medical technology as evident from research publications, patents, grant funding, products developed and recognitions in field.</p> <p>OR</p> <p>M.Tech./ M.Eng. with two years' experience in medical devices and implants/ biomaterials/ tissue engineering/ optics/ imaging platforms and medical image processing/ Bioinformatics and Big Data Analytics/ Medical Electronics & Instrumentation/ mobile health technologies/ biomedical nanotechnology/ aerosol engineering/ Machine Learning/ microfluidics and photolithography/ machine learning/ Bioprocess Engineering/ frugal innovation in medical technology as evident from research publications, patents, grant funding, products developed and recognitions in field.</p>	<ul style="list-style-type: none"> • Will be responsible for translating innovations to market by developing products, processes and technologies relevant to public health Brainstorming for novel solutions and initiating proof-of-concept development. • Trouble-shooting and problem solving any issues with design, performance and optimization as may arise in the product development process. • Overall lab management including keeping track of inventory, consumables, safety and adherence to good lab practices. • Mentoring students and junior researchers in all relevant aspects of translational research and product development using the Bio-design process. • Assisting in grant-writing and communicating progress internally to senior management and externally to funding agencies. • Supporting all aspects of product translation including capture and management of Intellectual Property, Regulatory filings, pre-clinical and clinical trials and any other functions that may be required for successful product launch. • Assisting in establishing and expanding the innovation infrastructure and ecosystem at CBD
5.	<p>Lab Technician (Diagnostics)</p> <p>One</p> <p>(Upto) Rs.20,000 /-</p>	<p>B.Sc. in Physical or Life Sciences or equivalent</p> <p>Or</p> <p>Standard 12 with 2 years' experience in research laboratory</p> <p>Desirable:</p>	<ul style="list-style-type: none"> • Work in area of mammalian & microbial cell culture. • Basic molecular biology work including DNA-RNA extraction, PCR, gel electrophoresis etc. • Preparation of all kinds of buffers Routine maintenance of lab equipments.

	30 years	Basic techniques in molecular biology (genomic and plasmid DNA isolation, gel electrophoresis, polymerase chain reaction, ELISA, spectrophotometry, column chromatography) Maintenance of prokaryotic and eukaryotic cells Techniques in analytical chemistry including GC/HPLC/UV-Vis/TGA/DSC Microscopy(optical/ fluorescence/ electron)	
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g) GENERAL TERMS & CONDITIONS:

1. Position under serial no. 01 is for NBA and positions under serial no. 02-05 is for CBD.
2. These are project based positions and extension wherever required shall be granted as per DBT norms.
3. The appointment is purely contractual in nature and the one appointed to the post will not have any claim for regularization or their employment.
4. All educational, professional and technical qualification should be from a recognized Board/University.
5. The experience requirement specified shall be experience acquired after obtaining the minimum educational qualifications required for the post.
6. Persons working in Govt. or Public Sector undertaking should apply through proper channel or produce 'No Objection Certificate' at the time of Interview.
7. The age limit, qualification, experience and other requirements for the posts are relaxable at the discretion of the competent authority, in case of candidates otherwise well qualified. In case candidates are not found suitable for the posts notified, they can be offered lower post / lower emoluments on the recommendation of the Selection Committee.
8. Number of positions filled will be as per the need and availability of the suitable candidates.
9. Reservation rules shall apply wherever applicable. Outstation SC / ST / PwD candidates called for the interview will be paid to & fro second class railway fare, as per Govt. of India rules on production of the proof of the same.

10. Reservation / Relaxation wherever applicable for SC/ST/OBC/ PwD candidates shall apply as per Govt. of India provisions / rules.
11. For the above positions, Persons with minimum of 40% disability are eligible to apply. However, for the post of Lab Technician, the PwD (OL) candidates are only eligible to apply.
12. Incomplete applications will stand summarily rejected.
13. In case a large number of applications are received for each post, screening will be done to limit the number of candidates to those possessing higher/relevant qualification.
14. Only shortlisted candidates will be called for interview.
15. All results will be published on our website and all communications will be only through email.
16. Canvassing in any form will be a disqualification.
17. Interested candidates are requested to submit the online application on or before the last date and send the signed hard copy on or before the specified date.

The procedure for online application:

- a. Before filling online application, do keep the following documents handy:
 - i. A soft copy of your passport size photo.
 - ii. A comprehensive CV (PDF format only) containing details of qualification, positions held, professional experience/distinctions etc.
 - iii. Application fee in the form of demand draft for an amount of Rs. 100/- in the favour of "Translational Health Science and Technology Institute" payable at Gurgaon (SC/ST/Women/PwD candidates are exempted from payment of application fees).
- b. Candidates are requested to use Google Chrome internet browser for best results in submission of online application.
- c. Once online application is submitted, no correction/modification is possible.
- d. In case of difficulty in filling up the online form, please contact admin@thsti.res.in
- e. On successful submission of your application, an auto-generated email containing a reference number will be sent to the email address provided. Please keep a note of the reference number for future correspondence.
- f. Please do the following after submission of online application:

- i. Take a print out of the application.
- ii. Please sign the application at the appropriate place and send the signed application with demand draft, CV, self-attested copies of certificates / documents pertaining to educational qualification and experience to reach us by speed post / registered post on or before the last date at the address given below.

Head - Administration

Translational Health Science and Technology Institute

NCR Biotech Science Cluster, 3rd Milestone, PO Box No. 04

Faridabad – Gurgaon Expressway, Faridabad – 121001

Please superscribe the post applied for on the envelope.

- g. Please note that application without signature, or those received after due date or incomplete in any other respect will be summarily rejected.

- h. Important dates:

Last date for submission of online application :26.06.2015

Last date for receiving the signed hard copy of application at THSTI: 03.07.2015