

(An Autonomous Institute of the Department of Biotechnology, Govt. of India)

NCR Biotech Science Cluster, 3rd Milestone, P.O. Box No. 04, Faridabad-Gurgaon Expressway, Faridabad - 121001

**Recruitment Notice No: THS/RN/32/2016**

**RECRUITMENT FOR 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 Centre for Bio- design & Diagnostics (CBD).
- d) 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.
- e) 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.	<b>Technical Assistant</b>  One Position  Upto Rs. 24,000/-  30 years	Graduate in Life Sciences or equivalent with minimum 1 year' experience in research laboratory  <b>Or</b> Standard 12 with minimum 4 years' experience in research laboratory  <b>Desirable:</b> <ul style="list-style-type: none"> <li>• Basic techniques in molecular biology (genomic and plasmid DNA isolation, gel electrophoresis, polymerase chain reaction, ELISA, Western blotting, spectrophotometry, column chromatography)</li> <li>• Maintenance of prokaryotic and eukaryotic cells</li> <li>• Techniques in analytical chemistry (i.e. GC/HPLC/UV-Vis/TGA/DSC)</li> <li>• Microscopy (optical/fluorescence/ electron microscopy)</li> <li>• MS Word, Excel, PowerPoint, Adobe Photoshop and other commonly used web-based bioinformatics tools.</li> </ul>	<ul style="list-style-type: none"> <li>• Perform electrophoresis</li> <li>• Maintain bacterial and mamalian cells in flask and/ or bioreactor</li> <li>• Maintain and run high-end equipments like FPLC, Ultracentrifuge, Zetasizer, Nanplotter, etc.</li> <li>• Contribute in OMICS data analysis</li> </ul>
2.	<b>Lab Technician (Diagnostics)</b>  One Position  Upto Rs.20,000 /-  30 years	Graduate in Life Sciences or equivalent  <b>Or</b> Standard 12 with minimum 3 years' experience in research laboratory  <b>Desirable:</b> <ul style="list-style-type: none"> <li>• Basic techniques in molecular biology (genomic and plasmid DNA isolation, gel electrophoresis, polymerase chain reaction, ELISA, spectrophotometry, column chromatography)</li> <li>• Maintenance of prokaryotic and eukaryotic cells</li> <li>• Techniques in analytical chemistry including GC/HPLC/UV-Vis/TGA/DSC</li> <li>• Microscopy (optical/ fluorescence/ electron)</li> </ul>	<ul style="list-style-type: none"> <li>• Work in area of mammalian &amp; microbial cell culture</li> <li>• Basic molecular biology work including DNA-RNA extraction, PCR, gel electrophoresis etc.</li> <li>• Preparation of all kinds of buffers</li> <li>• Routine maintenance of lab equipment's</li> </ul>

<b>3.</b>	<b>Lab Technician &amp; Instruments)</b>  One Position  Upto Rs.20,000 /-  30 years	Graduate in Physical Sciences or equivalent  <b>Or</b> Diploma in Mechanical/ Electrical/ Electronics/ Instrumentation/ Chemical/ Materials/ Manufacturing Engineering or equivalent with minimum 1 year' relevant experience  <b>Essential:</b> The candidate should have a basic knowledge of MS Word, Excel, Power Point  <b>Desirable:</b> <ul style="list-style-type: none"> <li>• Minimum two years' of relevant experience in a reputed research organisation</li> <li>• Basic computer aided design (AutoDesk Inventor™ or Solid Works™ preferable)</li> <li>• Electrical/electronic circuit design, programming of onboard ICs and computing devices such as Audrino/ Raspberry Pi, integration with electromechanical systems (motors, piezoelectric crystals etc.) and optics (lasers, optical fibers, bandwidth filters) as per design</li> <li>• Rapid prototyping, including 3-D printing and electrical circuit bread-board prototyping</li> <li>• Techniques in analytical chemistry such as FTIR/SPR/ NMR/HPLC/UV-Vis/TGA/DSC</li> <li>• Microscopy (optical/ fluorescence/ electron)</li> </ul>	<ul style="list-style-type: none"> <li>• Hands-on fabrication of customized working prototypes in sheet metal/ wood/plastic/foams/ elastomers/ electrical circuits with programmable IC chips or integrated computing devices/optics/electro-mechanical systems</li> <li>• Trouble shooting and problem solving for all prototypes</li> <li>• Set-up, operation and basic maintenance of general research instrumentation/ imaging equipment/ devices/ circuits/ lasers/power backup</li> <li>• Routine maintenance of lab equipment, electrical/electronic circuitry and lab instrumentation</li> </ul>
-----------	---	--	--

S. No.	Name of Posts	Date and Registration time for walk-in-written test/skill test	Venue
1.	Technical Assistant	<b>1<sup>st</sup> December 2016</b> <b>(Thursday)</b> <b>(09.30 am - 10.30 am)</b>	<b>THSTI, NCR Biotech Science Cluster, 3<sup>rd</sup> Milestone, Faridabad - Gurgaon Expressway, Faridabad - 121001</b>
2.	Lab Technician (Diagnostics)		
3.	Lab Technician (Devices & Instruments)		

**NOTE: The candidates must bring their latest resume, one set of photocopy of documents in support of their educational qualification and experience along with originals and a valid ID card for verification. Candidates coming after the time slot mentioned will not be entertained.**

**GENERAL TERMS & CONDITIONS:**

1. Appointment will be made on contract for a period up to 31<sup>st</sup> March, 2017.
2. The appointment is purely contractual in nature and the one appointed to the post will not have claim for regularization of their employment.
3. All educational, professional and technical qualification should be from a recognized Board/ University.
4. The experience requirement specified shall be experience acquired after obtaining the minimum educational qualifications required for the post.
5. 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.
6. The age limit, qualification, experience and other requirements may be relaxed at the discretion of the competent authority, in case of candidates who are otherwise suitable. 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. In case none is found suitable, the post may be advertised again on the recommendation of the Selection Committee.
7. Age and other relaxations for direct recruits and departmental candidates: 1. By 5 years for candidates belonging to SC/ST communities. 2. By 3 years for candidates belonging to OBC communities. 3. For Persons with Disabilities (PwD) falling under the following categories : (i) UR - 10 years , ii) OBC - 13 years (iii) SC/ST - 15 years 4. For Ex-servicemen upto 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. 5. 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 concerned authority. 6. 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 7. There is no upper age limit for the Institute employees who are treated as departmental candidates.
8. Number of positions may vary depending upon the requirement at the time of written test/skill test.

9. Outstation SC/ST/ PwD candidates called for the written test/skill test will be paid to & from second class railway fare, as per Govt. of India rules on production of the proof of the same.
10. All results will be published on our website and all communications will be only through email.
11. Canvassing in any form will be a disqualification.