RECRUITMENT NOTICE NO. : THS/RN/31/2020

a)   Translational Health Science and Technology Institute (THSTI) is an autonomous institute of the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India. THSTI is a part of the interdisciplinary Biotechnology Science Cluster at Faridabad, Haryana in the National Capital Region (NCR). The institution is a dynamic enterprise with a mission to conduct innovative translational research and to develop research collaborations across disciplines and professions to translate concepts into products to improve human health.

b)   THSTI has built several inter-institutional collaborations and connectivity with industry supported by well-trained teams of research and laboratory staff. This foundation has helped pursuit of thematic research programmes which can be broadly categorized as, (a) Infectious diseases and Immunology (b) Maternal and Child Health, (c) Non communicable disease d) Multidisciplinary clinical and translational research. These will be strengthened by four core facilities viz. Small Animal Facility, Data Management Center, Biorepository and Bioassay Laboratory that will serve not only the research programmes of THSTI, but also the National Capital Region Biotech Science Cluster and other academic and industrial partners.

c)   Applications are invited from eligible candidates to fill up the following contract positions under the project entitled "Computer-Assisted Low-cost Point-of-care Ultrasound (CALOPUS) PI : Dr. Shinjini Bhatnagar)". The project will challenge state-of-the-art thinking machine learning applied to medical imaging and provides a rare opportunity for an imaging scientist to get hands-on experience in an international effort to improve pregnancy care in India.

Educational Qualification and Experience required for the post:

S. No.	Name of the Position / No. of Positions / Maximum monthly consolidated emoluments/ Age Limit	Minimum Qualification and experience	Job Description
1.	**DATA SCIENTIST- COMPUTER VISION** One position 35 years Upto Rs. 50,000	B Tech/BE or equivalent degree in Computer Science /IT /Biomedical Engineering/ Engineering/ Medical Electronics/ Electronics & Communication/ or an Engineering degree where computational analysis methods development was a major component of the degree	Building AI models for image segmentation, object detection and classification. Training will be provided by University of Oxford on image analysis methods development. ➢ Building automated data management pipelines for videos collected in CALOPUS project.

		Experience:	Attend and present work at CALOPUS project meetings.
		Practical experience in any algorithm related to Artificial Intelligence or Machine Learning - Any Image processing experience preferably in Python/ MATLAB or any other software - Programming in front end and back ends - Willingness to learn and explore image processing algorithm development	**Additional duties:** ➢ Signed commitment to be engaged throughout the project duration (The end date is 31/01/2022)
		Desirable: ➢ Post-graduate or doctoral degree in the above disciplines ➢ Experience of machine learning and knowledge of deep learning. ➢ Interest in healthcare technology research. ➢ Experience of actively collaborating in the development of research articles for publication; ➢ Knowledge of Tensorflow. ➢ Experience in working on inter-disciplinary research	

Note :

   i.   **Please note that call for applications will remain open till a suitable candidate is found.**

   ii.   **The applications will be scrutinised/shortlisted and processed for further selection on the last working day of every month.**

   iii.   **The deadline of the current cycle is 31st January 2021.**

<u>**GENERAL TERMS & CONDITIONS:**</u>

a)   These are short-term positions and extension will be granted subject to satisfactory performance of the incumbents and tenure of the project for which they are selected. Those appointed to these positions will not have any claim for regularization of their employment.

b)   All educational, professional and technical qualification should be from a recognized Board/University.

c)   The experience requirement specified shall be practical experience (project/internship) acquired during/after obtaining the minimum educational qualifications required for the post.

d) Persons working in Govt. / PSUs / autonomous bodies should apply through proper channel or produce 'No Objection Certificate' at the time of written test/skill test/Interview.

e) 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.

f) 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 Benchmark Disabilities (PwBD) 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. 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 6. There is no upper age limit for the Institute employees who are treated as departmental candidates.

g) Number of positions may vary depending upon the requirement at the time of interview/presentation.

h) Outstation SC/ST/ PwBD candidates called for the interview/written test/skill test will be paid to & fro second class railway fare, as per Govt. of India rules on production of the proof of the same.

i) All results will be published on our website and all communications will be only through email.

j) Canvassing in any form will be a disqualification.

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

(M.V.Santo)

Head-Administration

================================End of the document=============================