

(An Autonomous Institute of the Department of Biotechnology, Govt. of India)
NCR Biotech Science Cluster, 3rd Milestone, Faridabad – Gurugram Expressway, P.O. Box No. 04, Faridabad - 121001

RECRUITMENT NOTICE NO. : THS/RN/39/2019

- a) Translational Health Science and Technology Institute (THSTI) is an autonomous Institute of the Department of Biotechnology, Ministry of Science and Technology, Govt. of India. The institute is an integral part of the interdisciplinary NCR Biotech Science Cluster located at Faridabad, and is designed as a dynamic, interactive organization with the 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 is inviting application for the position of **Data Scientist-Computer Vision** for the project titled “Computer-Assisted Low-cost Point-of-care Ultrasound (CALOPUS)”. The project will challenge state-of-the-art thinking in 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.
- c) The eligibility criteria for the above post is as mentioned below:

S. No.	Name of the Position / No. of Positions / Maximum monthly consolidated emoluments/ Age Limit	Minimum Qualification and experience	Job Description
1.	<p>DATA SCIENTIST-COMPUTER VISION</p> <p>One position</p> <p>Up to INR 75,000/- (depending on additional qualifications and experience as decided by the selection committee)</p> <p>35 years</p> <p>Minimum Starting salary INR 50,000</p>	<p>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</p> <p>Experience:</p> <p>Practical experience in any algorithm related to Artificial Intelligence or Machine Learning</p> <ul style="list-style-type: none"> - Any Image processing experience either in MATLAB or any other software - Programming in front end and 	<p>Building AI models for image segmentation, object detection and classification. Training will be provided by University of Oxford on image analysis methods development.</p> <p>Attend and present work at CALOPUS project meetings.</p> <p>Additional duties:</p> <p>This post requires overseas travel to the UK for 3-6 months for training in machine learning applied to ultrasound images, and other visits to the UK from time to time. The post holder must be able to obtain appropriate visas to</p>

		<p>back ends - Willingness to learn and explore image processing algorithm development</p> <p>Desirable:</p> <ul style="list-style-type: none"> ➤ 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. 	<p>undertake these work trips (visa cost etc will be reimbursed as part of project costs).</p> <p>Signed commitment to be engaged throughout the project duration (The end date is 31/01/2022)</p>
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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. Interested candidates are requested to email the following documents to recruitment@thsti.res.in :**
 - a) Curriculum Vitae
 - b) Certificates pertaining to your educational qualifications, experience and your present employment

GENERAL TERMS & CONDITIONS:

1. Appointment will be made on contract for a period upto 31st January 2022 with an initial probation period of six months that may be extended at the discretion of the competent authority.
2. All educational, professional and technical qualification should be from a recognized Board/University.
3. The experience requirement specified shall be practical experience (project/internship) acquired during/after obtaining the minimum educational qualifications required for the post.

4. 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.
5. 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.
6. 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.
7. Number of positions may vary depending upon the requirement at the time of written test/ skill test/interview
8. 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 the same.
9. All results will be published on our website and all communications will be only through email.
10. Canvassing in any form will be a disqualification.