

iHub Drishti Foundation, Indian Institute of Technology, Jodhpur (iHub Drishti) is a Section-8, Not-for-profit Company, promoted by and at the Indian Institute of Technology Jodhpur under a National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS) of the Government of India. iHub Drishti is a Technology Innovation Hub focused around “Computer Vision, Augmented Reality and Virtual Reality”.

iHub Drishti Foundation, IIT Jodhpur invite applications for filling up the following temporary position in the Project titled:

“Haptics based Medical Simulator for Abdomen Palpation and Pulse Behavior”

Position: Junior Research Fellow (*The position is purely temporary on contractual basis*)

No. of positions: 02

Essential qualification:

- BTech/M.E./M.Tech. with specialization in Electrical Engineering/Electronics Engineering/Computer Science/Data Science with first class or equivalent. GATE qualification in relevant discipline is Mandatory.
- Sound knowledge machine learning and deep learning algorithms.
- Excellent programming skills and strong ability to implement machine learning/deep learning algorithms.
- Good communication skills and ability to work within a team.

Job Description (Junior Research Fellow):

The candidate is expected to develop algorithms for rendering (haptic and graphic) human abdomen in an AR/VR environment. For that purpose, an experimental setup will be created for collecting data on the human abdomen. Machine learning models will be trained on the collected data to model/render the abdomen in virtual environment.

Shortlisted candidates will be called for a personal/online interview.

Salary: As per norms

Duration: 1 year

Place of Work: Jodhpur (will involve travel to other sites out of Jodhpur)

Application Deadline: 10.02.2023

Information regarding the application process:

Applications will be accepted via (<https://tinyurl.com/ihubdrishtiProjectrec12>). Interested candidates may apply by **Uploading their updated Curriculum vitae covering educational and professional qualifications in the relevant field along with wet lab skill set, publications (if any), and contact information of two academic referees, work experience, last salary drawn, contact details, and references with necessary documentary evidences annexure. (PDF FORMAT)**

- (1) The post(s) is purely temporary and contractual and are co-terminus with the duration of the project.
- (2) Certificate in support of experience should be in proper format i.e. it should be on the organizations letter head, bear the date of issue, specific period of work, name and designation of the issuing authority along with his signature
- (3) Applicants are advised to ensure, before applying, that they possess at least the minimum essential qualification and experience laid down for the post.
- (4) Eligibility of a candidate and satisfaction of any other short-listing criteria shall be considered as on the last date of the submission of the online application.
- (5) In case of exceptional candidates, the iHub Drishti foundation reserves the right to relax qualifications and/or experience.
- (6) Shortlisted candidates shall be called for the further recruitment process.
- (7) iHub Drishti Foundation reserves the right to:
 - a. Fix, modify or revise the eligibility conditions, age and selection criteria as per its requirements, at any time.
 - b. Fill up the post, not to fill up the post or cancel the advertisement in whole or partly without assigning any reason.
 - c. Place a reasonable limit on the total number of candidates to be called for the Written Test and/or Skill Test, Interview.
- (8) **No hard copy application is to be submitted. No email application is to be submitted.**
- (9) No TA/DA shall be paid to the candidates for attending the interview.
- (10) No correspondence will be entertained from the candidates in connection with the process of selection/interview.
- (11) Canvassing in any form will be a disqualification. Application which is incomplete, not in prescribed format, will be summarily rejected.
- (12) Application with insufficient information or without relevant supporting documents will not be considered for further processing. Applications without self-attested supporting documents will be summarily rejected.
- (13) Persons employed in Government/ Quasi-Government organizations should submit their applications through proper channels.
- (14) Specific queries, if any, may be directed to the e-mail: hr@ihub-drishti.ai.



TIH
iHub Drishti

iHub Drishti Foundation
Indian Institute of Technology Jodhpur
Project Recruitment
Junior Research Fellow

TIH/iHub Drishti/2022-23/Project Recruitment/12; Dated 11 January 2023

N.H. 62, Nagaur Road, Karwar, Jodhpur 342030, Rajasthan (India)

Website: <https://ihub-drishti.ai/> eMail: hr@ihub-drishti.ai

- (15) iHub Drishti foundation may verify the antecedents or documents submitted by a person at the time of appointment or during the tenure of the service. In case, it is detected that the documents submitted by the candidates are fake or the candidate has a clandestine antecedents or background and has suppressed the said information, then his or her services shall be terminated.
- (16) Any dispute with regards to the selection/recruitment will be subject to Courts / Tribunals having jurisdiction at Jodhpur.

Officer In-charge
iHub Drishti Foundation
TIH on CV-ARVR, NM-ICPS
Indian Institute of Technology Jodhpur