

इंडियन इंस्टीट्यूट ऑफ टेक्नोलॉजी दिल्ली
हौज खास, नई दिल्ली -110016
(औद्योगिक अनुसंधान एवं विकास इकाई)
INDIAN INSTITUTE OF TECHNOLOGY DELHI
Hauz Khas, New Delhi-110016
(Industrial Research & Development Unit)

No. IITD/IRD/RP03678G/243194

Dated: 10/07/2020


Advertisement No.: IITD/IRD/110/2020

Applications from Indian nationals are invited for Project Appointment under the following project. Appointment shall be on contractual basis with consolidated pay, renewable yearly or upto the duration of the project, whichever is earlier. The project "Mobility Assistant for Visually Impaired" (MAVI) at IIT Delhi is looking for early-stage researchers who would like to contribute to an AI project with real-world impact. The project requires skills in Computer Vision and Embedded Systems. In MAVI, we address different challenges related to the mobility of the visually impaired community: • Safety: Safety on road from stray animals, obstructions in pathways • Social Inclusion: Face recognition for friends • Navigation: Signboard Reading and Text Spotting in the wild

Title of the Project	MAVI: Mobility Assistant for Visually Impaired (RP03678G)	
Funding Agency	Department of Science & Technology (DST)	
Name of the Project Investigator	Prof. Chetan Arora	
Deptt./Centre	Department of Computer Science & Engineering	
Duration of the Project	Upto:13/03/2022	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Jr. Research Fellow (1)	Rs.31,000/- p.m. plus HRA @ 24%	1 st class Post Graduate Degree in Basic Science with NET* qualification OR Graduate Degree in Professional Course with NET qualification OR Post Graduate Degree in Professional Course with NET qualification. Research experience in machine learning and computer vision. The candidate should have good knowledge of modern deep learning techniques with hands on experience in training deep neural networks, which must be demonstrated through prior projects and/or publications in the related topic. You would be responsible for: 1. Managing the team and integrating all modules. 2.Working with the users for user trials 3.Training new students for their required work *The requirement of NET/GATE examination for the selection to the post of JRF/SRF may be relaxed for the candidates who have graduated from Centrally Funded Technical Institutes (CFTIs) with a CGPA of more than 8.000 (80% aggregate marks).
Jr. Project Assistant (Tech.) (1)	Rs.20,000/-p.m. (consolidated)	EQ: 1st class B.Tech / M.Tech in Electrical / Electronics / Computer Science. Desirable Qualifications: Familiarity with :(1). Software Development, Deep Learning, Machine Learning, Computer Vision.(2) at least one Deep Learning framework and have experience training neural networks from scratch.(3). Should be able to program comfortably in Python as well as do basic web development/app development.

The candidates who are interested to apply for the above post should download **Form No. IRD/REC-4** from the IRD Website (<http://ird.iitd.ac.in/rec>) of IIT Delhi and submit the duly filled form with complete information regarding educational qualifications indicating percentage of marks/division, details of work experience etc. **by e-mail with advertisement No. on the subject line to Ms. Sunita at her email id: sunita.cseiidt@gmail.com**

IIT Delhi reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post and their name will be displayed on web link (<http://ird.iitd.ac.in/shortlisted>) alongwith the **online interview details. Only short-listed candidates will be informed for online interview.** In case any clarification is required on eligibility regarding the above post, the candidate may contact **at email id: sunita.cseiidt@gmail.com** 5% relaxation of marks may be granted to the SC/ST Candidates. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing IRD norms. अनुसूचित जाति / अनुसूचित जनजाति के उम्मीदवारों को अंकों की 5% छूट दी जा सकती है. एक सेवानिवृत्त सरकारी कर्मचारी के चयन के मामले में उसका वेतन वर्तमान आईआरडी मानदंडों के अनुसार तय किया जाएगा। **The last date for submitting the completed applications by e-mail is 25/07/2020 by 5.00 p.m.** The shortlisted candidates who are called for online interview should bring original certificates (both professional and academic) with a recent passport size photograph at the time of interview.


सहायक कुलसचिव, आईआरडी

वितरण

- Head of the Deptt./Centres/Units : It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit
- Webmaster, IRD : To put advertisement at IITD website.
- Notice Boards
- Advertisement file
- Prof. Chetan Arora, PI, Department of Computer Science & Engineering
- Copy to Chairperson, DRC/CRC
- Dr. Harshita Bhatnagar, RD Coordinator, (R&D) Wing