

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/RP03719G/73566

Dated:06/09/2022

Advertisement No.: IITD/IRD/197/2022

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.

About the Project: The aim of this project is to investigate possibilities of automated estimation of household level economic variables - income and assets - typically measured using a detailed household survey by instead using visual data and advanced machine learning techniques of Deep Learning and Convolutional Neural Networks.

Title of the Project	Enhancing Indias Science, Technology and innovation Policy Analysis Capabilities (RP03719N)	
Funding Agency	Tata Education and Development Fund	
Name of the Project Investigator	Prof. Ambuj D Sagar [email ID:nandana@iitd.ac.in]	
Deptt/ Centre	School of Public Policy	
Duration of the Project	Upto 30/03/2024	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Project Scientist (1)	Rs 35,400-37,900-40,400-43,600-46,800-50,000/- p.m. plus HRA @ 24%	Essential: 1 st class MSc/ MTech in Computer Science (with qualifying NET/GATE/SET exam). Note that the qualifying exam can be relaxed by the selection committee in case of highly meritorious candidates • Demonstrated experience in computer vision research. • Demonstrated experience in machine learning techniques including Deep Learning and Transfer Learning. Preferred: • Candidates with past research experience in inter-disciplinary projects Key Responsibilities: 1) Reporting to the PIs at IITD and working collaboratively with the project team at IITD. 2) Conducting literature review 3) Analysis of image and numeric data using state of the art machine learning techniques. 4) Conducting surveys and data entry and analysis 5) Preparation of reports and papers.

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. Interested candidates should apply with a cover letter, detailed CV and a coding sample etc. by e-mail with advertisement No. on the subject line "**Project Scientist Application: Household Economic Status Prediction**" to Prof. Ambuj D Sagar at email id: nandana@iitd.ac.in Please note this is a full-time on-site position and candidates must be able to commit to working fulltime on the project and meet PIs in person.

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 Prof. Ambuj D Sagar at email id: asagar@iitd.ac.in 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 20/09/2022 by 5.00 p.m.

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. Ambuj D Sagar, PI, School of Public Policy
- Copy to Chairperson, DRC/CRC