

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/RP04356G/ 22 4854

Dated:19/12/2023

Advertisement No.: IITD/IRD/248/2023

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. निम्नलिखित परियोजना के तहत भारतीय नागरिकों से आवेदन आमंत्रित किए जाते हैं। अपॉइंटमेंट, अनुबंधित आधार पर समेकित वेतन, नवीकरणीय वार्षिक या परियोजना की अवधि तक, जो भी पहले हो, के साथ होगा.

Title of the Project	Large deformation modelling and instability analysis in soft electro-magneto-elastic membrane actuators (RP04356G)	
Funding Agency	Science and Engineering Research Board (SERB)	
Name of the Project Investigator	Prof. (Ms.) Sushma Santapuri [email ID:ssantapuri@am.iitd.ac.in]	
Deptt./Centre	Department of Applied Mechanics	
Duration of the Project	Upto:29/09/2025	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Jr. Research Fellow (01)	Rs.31,000/-p.m. plus HRA @ 24%	1st class MTech in Mechanical Engineering, Engineering, Mechanics, Civil Engineering, or Applied Mathematics with background in computational solid mechanics. Very strong analytical skills and mathematical aptitude required along with experience in finite element analysis through software and coding in MATLAB, PYTHON FORTRAN or C/C++. Knowledge of nonlinear elasticity and continuum mechanics preferred with qualifying GATE* exam in a relevant field (mechanical, civil, materials or engineering sciences). *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).

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 Prof. (Ms.) Sushma Santapuri at email id:ssantapuri@am.iitd.ac.in**

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 to Prof. (Ms.) Sushma Santapuri at **email id:ssantapuri@am.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 email is 02/01/2024 by 5.00 p.m.**

सहायक कुल्सचिव, 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. (Ms.) Sushma Santapuri, PI, Department of Applied Mechanics
- Copy to Chairperson, DRC/CRC