

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/RP04416G/ 156447

Dated: 19/05/2023

Advertisement No.: IITD/IRD/109/2023

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।

Background: The association between various air pollutants and several health ailments have been reported in the literature. It has been documented by various studies that diesel exhaust (DE) exposure has detrimental impact on the male reproductive health. Due to the declining quality of semen parameters and increasing rates of infertility in the human population, it becomes important to understand the associated effects of DE exposure on the male reproductive parameters and its epigenetics. This collaborative project between IIT Delhi and AIIMS New Delhi, aims to investigate the transgenerational effects of diesel exhaust exposure on male reproduction in rats.

Title of the Project	Transgenerational impact of diesel exhaust exposure on the male reproduction in the rat (RP04416G)	
Funding Agency	Indian Council of Medical Research (ICMR)	
Name of the Project Investigator	Prof. Debabrata Dasgupta [email ID:debabrata@mech.iitd.ac.in]	
Deptt./Centre	Department of Mechanical Engineering	
Duration of the Project	Upto:16/12/2025	
Post (s)	Consolidated Pay-slab / Fellowship	Qualifications
Jr. Research Fellow (1)	Rs.31,000/-p.m. plus HRA @ 27%	1 <sup>st</sup> class M.Sc. in any discipline of life/biological Science with good academic background, and selected through a national level eligibility test such as joint CSIR-UGC NET* (JRF), GATE* etc. *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. Debabrata Dasgupta at email id:debabrata@mech.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. Debabrata Dasgupta at email id: debabrata@mech.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 03/06/2023 by 5.00 p.m.

AD 19-05-2023  
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. Debabrata Dasgupta, PI, Department of Mechanical Engineering
- Copy to Chairperson, DRC/CRC