

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/RM00161G_SN/ **531496**

Dated: 14/07/2026

Advertisement No.: IITD/IRD/175/2026

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	Nonlinear aerothermoacoustics in turbojet engines - analysis, modeling, and experimental study. (RM00161G_SN))	
Funding Agency	Anusandhan National Research Foundation, Science and Engineering Research Board	
Name of the Project Investigator	Prof. Prateek Gupta [email ID: prgupta@iitd.ac.in]	
Deptt./Centre	Department of Applied Mechanics	
Duration of the Project	Upto: 27.05.2031	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Research Associate – I - (01)	Rs. 58,000/- p.m. plus HRA @ 27%	Essential Qualifications: Ph.D. in Mechanical/Aerospace Engineering with background in fluid dynamics and compressible flows. Experience with experimental setups dealing with high-pressures is a bonus. Must be able to demonstrate mathematical maturity and application in engineering problems OR 1 st class M.Tech in Mechanical/Aerospace Engineering with background in compressible flows with minimum 3 years of experience in aerospace industry. Experience with high-pressure air flow setups is a bonus. 2. For downgraded to SRF 1 st class M.Tech in Mechanical/Aerospace Engineering with background in compressible flows with minimum 3 years of experience in aerospace industry. Experience with high-pressure air flow setups is a bonus.

The posts may be downgraded as per discretion of the Selection Committee if none of the candidate is found suitable for the post.

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. to **Prof. Prateek Gupta** by e-mail with advertisement No. on the subject line at email id: prgupta@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 **Prof. Prateek Gupta** at email id: prgupta@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 29/07/2026 by 5.00 p.m.

Acting Head (IRD Estt.)

वितरण

- Head of the Deptt./Centres/Units :
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- Prof. Prateek Gupta, Department of Applied Mechanics
- Copy to Chairperson, DRC/CRC

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