

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/RP03703G/348323

Dated: 31/08/2021

**Advertisement No.: IITD/IRD/152/2021**

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।

**Job description (or) requirement:** Candidate is expected to design and fabricate of Laser Interferometer System for Shock Wave Velocity measurement and ray-optics design of entire experimental set-up, fiber optic probe results and analysis with experience in MATLAB software.

Title of the Project	Line velocity interferometer system for shock wave 2D velocity profile measurement. (JATC-2 Project # 04 (RP03703G))	
Funding Agency	Ministry of Defence	
Name of the Project Investigator	Prof. Dalip Singh Mehta [email ID: mehtads@physics.iitd.ac.in]	
Deptt./Centre	Department of Physics	
Duration of the Project	Upto:28/03/2024	
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%	1 <sup>st</sup> class M. Sc. Physics (with NET* qualification)/ M.Tech. Applied Optics (with GATE* qualification) with five years relevant research experience in laser & optics laboratories. Job description (or) requirement: Candidate is expected to design and fabricate of Laser Interferometer System for Shock Wave Velocity measurement and ray-optics design of entire experimental set-up, fiber optic probe results and analysis with experience in MATLAB software. *The requirement of qualifying NET/GATE qualification may be relaxed by the Committee in case of highly meritorious candidates.

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 email to Prof. D.S. Mehta at email id: [mehtads@physics.iitd.ac.in](mailto:mehtads@physics.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. Dalip Singh Mehta at e-mail id: mehtads@physics.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 13/09/2021 by 5.00 p.m.**

  
सहायक कुल्लचिव, 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. Dalip Singh Mehta, PI, Department of Physics
- Copy to Chairperson, DRC/CRC
- Dr. Harshita Bhatnagar, RD Coordinator, (R&D) Wing#