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 up to the duration of the project, whichever is earlier.

Title of the Project: Design and development of cost-effective portable mini-CPAP device for treatment of Obstructive Sleep Apnea (Under MIFRP Scheme of IRD in collaboration with AIIMS) (MI02213G)

Consolidated fellowship / Pay-slab: Rs. 35,400-37,900-40,400-43,600-46,800-50,000/- p.m. plus HRA @ 24%

Qualifications:
1. 1st class Bachelors, Masters, or PhD, in electronics, physics, or related discipline with significant hands-on experience with GATE/NET* qualification. Excellent knowledge of medical devices for treating obstructive sleep apnea, related sensors and actuators. Strong experimental and hands-on expertise in embedded systems, 3D CAD modelling, digital fabrication and BLDC Motors. Be capable of developing medical devices including flow and pressure sensing technology, from component selection to product design. Expertise in embedded hardware and software debugging, electro-mechanical system integration, and field testing of the developed device. Soft skills desired: Excellent oral and written communication and interpersonal skills are also required. Adaptable and flexible to the changes based on the research needs. Self-motivated learner and not afraid to develop and test novel ideas.

*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/ird) 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. Jay Dhariwal at email id: dhariwal.jay@gmail.com

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) along with 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. Jay Dhariwal at email id: dhariwal.jay@gmail.com

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 जाति के अनुसार की अंकों की 5% घटी दी जा सकती है. एक रिटीर्ड/सुपरअनुत्ति की श्रमिक के चयन के मार्ग में उसका वेतन वर्तमान आईआरडी मानदंड के अनुसार तय किया जाएगा।

The last date for submitting the completed applications by e-mail is 28/04/2022 by 5.00 p.m.

It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit

To put advertisement at IITD website.

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**Notice Boards:**
- Head of the Deptt./Centres/Units:
- Webmaster, IRD:
- Notice Boards:
- Advertisement file:
- Prof. Jay Dhariwal, PI, Department of Design
- Copy to Chairperson, DRC/CRC
- Dr. Harshita Bhatnagar, RD Coordinator, (R&D) Wing

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**Additional Information:**
- Hindi Translation:
- [Link to Advertisement Website]