

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/RP03551G/216714

Dated: 14/02/2020

**Advertisement No.: IITD/IRD/036/2020**

Candidates of Indian nationality are invited to appear for the **Walk-in test / interview** for project appointments under the following project. Appointment shall be on contractual basis on consolidated pay renewable yearly or upto the duration of the project whichever is earlier subject to satisfactory performance of the incumbent and availability of funds. निम्नलिखित परियोजना के तहत परियोजना की नियुक्तियों के लिए भारतीय राष्ट्रियता के उम्मीदवारों को वॉक-इन परीक्षा/साक्षात्कार के लिए उपस्थित होने के लिए आमंत्रित किया जाता है। अपॉइंटमेंट वार्षिक आधार पर या परियोजना की अवधि तक समेकित वेतन पर संविदात्मक आधार पर जो भी पहले हो, होगा.

Title of the Project	Condition Monitoring and Prediction of Thermal Runaway through Experiments, Numerical modeling and Estimation of State-of-charge in Lithium-ion Cells (RP03551G)	
Funding Agency	Department of Science & Technology (DST)	
Name of the Project Investigator	Prof. Amit Gupta	
Deptt./Centre	Department of Mechanical Engineering	
Duration of the Project	Upto:30/06/2021	
Post (s)	Consolidated Pay-slab	Qualifications
Research Associate (1)	Rs.36,000/- p.m. plus HRA @ 30%	Ph.D. in Mechanical Engineering / Electrical Engineering OR having 3 years of research experience post M.Tech. with minimum one paper in SCI journal. Criteria: (i) Background in control systems (state-space design) and state/parameter estimation algorithms, e.g. EKF, nonlinear observer etc. (ii) Excellent programming skills in MATLAB (iii) Understanding of Li-ion battery models is a plus.
Walk In Test / Date of Interview	Time of Interview	Venue
03/03/2020	10.00 a.m.	Room No. 427, Block-2, Department of Mechanical Engineering, IIT Delhi, Hauz Khas, New Delhi-110016

The candidates who fulfill the above qualifications/experience should appear for the interview. Kindly bring your formal application on Form No. IRD/REC-4, which can be downloaded from IRD Website (<http://ird.iitd.ac.in/rec>) through proper channel along with complete information regarding educational qualifications indicating percentage of marks of each examination passed, details of work experience and a recent passport size photograph, along with original certificates (both academic & professional) for verification on the date of interview. No candidate, who is already employed at the Institute / IRD shall be interviewed unless his/her application has been duly forwarded by their concerned establishment/sections. 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।

In case any clarification is required on eligibility regarding the above post, the candidate **may contact Prof. Amit Gupta at his e-mail id: [agupta@mech.iitd.ac.in](mailto:agupta@mech.iitd.ac.in)**

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. Amit Gupta, PI, Department of Mechanical Engineering
- Copy to Chairperson, DRC/CRC
- Dr. Harshita Bhatnagar, RD Coordinator, (R&D) Wing