

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/RP04547F/

176899

Advertisement No.: IITD/IRD/142/2023

Dated: 20/07/2023

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.

Brief Details of the project: • Renewable energy expansion provides benefits including an increase in energy security, economic development, climate goal achievement, enhancement of job opportunities, carbon trading, and enhancement of energy equity. • The materials requirement embodied energy for emerging solar photovoltaic and hydrogen technologies, economic feasibility assessment using Energy Return on Investment (EROI), Energy Payback Time (EPBT) and Levelized Cost of Energy (LCOE), and environmental impacts during the mining, manufacturing, etc. in its value chain are very important to study Applications for the post of Senior Project Scientist are invited from candidates who must have good knowledge and experience in Photo-voltaic, Electrolyzers, Fuel Cell, Hydrogen, Energy Security, Energy materials, Energy & Environment Assessment, Life Cycle Assessment, and relevant areas of Renewable Energy.

Title of the Project	Assessment of Material Requirements, Energy Performance, and Environmental Impacts of Renewable Energy Systems and Green Hydrogen for Energy Security (RP04547F)	
Funding Agency	International Sustainable Energy Foundation, USA	
Name of the Project Investigator	Prof. K.A. Subramanian [email id: subra@dese.iitd.ac.in/ashutosh94@dese.iitd.ac.in]	
Deptt./Centre	Department of Energy Science & Engineering	
Duration of the Project	Upto: 29/04/2024	
Post (s)	Consolidated Pay-slab	Qualifications
Sr. Project Scientist (2)	Rs. 45,000-48,200-51,400-55,400-59,400-63,400/- p.m. plus HRA @ 24%	Ph.D. or M.Tech. with a minimum 7.0 CGPA with 1 year relevant experience or B.Tech./M.Sc. with a minimum 7.0 CGPA with 3 years of relevant experience, with a degree in Energy Science & Engineering/ Materials Science and Engineering/ Chemical Engineering/ Chemistry/Mechanical Engineering and equivalent. The candidate must have good knowledge and experience in Photo-voltaic, Electrolyzers, Fuel Cell, Hydrogen, Energy Security, Energy Materials, LCA, and relevant areas of Renewable Energy.

The post 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. **by e-mail with advertisement No. on the subject line to Prof. K.A. Subramanian at email id: subra@dese.iitd.ac.in or ashutosh94@dese.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.**

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In case any clarification is required on eligibility regarding the above post, the candidate may contact to Prof. K.A. Subramanian at **email id:** subra@dese.iitd.ac.in or ashutosh94@dese.iitd.a.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 03/08/2023 by 5.00 p.m.**

*Ashtosh*  
07/07/2023

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.K.A. Subramanian, PI, Department of Energy Science and Engineering
- Copy to Chairperson, DRC/CRC