



CENTER FOR ENERGY RESEARCH
CHENNAI INSTITUTE OF TECHNOLOGY,
CHENNAI 600 069



CITC/CER/DST/JRF/2021/001

14th June 2021

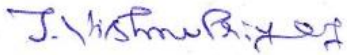
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Applications are invited from eligible candidates for the position of Junior Research Fellow (JRF) for the Department of Science and Technology (DST) project titled “**Design and Fabrication of Hybrid Solar-LPG based Dryer for Geopolymer Bricks**” under the Center for Energy Research, Chennai Institute of Technology (CIT), Kundrathur, Chennai 600 069.

Position	Junior Research Fellow (JRF)
Number of positions	Two [02]
Essential qualification	B.E / B.Tech. in Electrical Engineering / Mechanical Engineering / Civil Engineering and PG qualification in relevant field. Desirable: 1. Preferably with GATE score in Electrical / Instrumentation / Mechanical / Civil Engineering 2. Knowledge in Modeling, Simulation and Analysis using ANSYS, and MATLAB. 3. Good spoken and written English skills are mandatory.
Job Description	Design and fabrication of hybrid Solar-LPG based dryer. Testing of specimens including operation of equipment, assistance in experimental setup, instrumentation and field studies. Fabrication of Geopolymer Bricks followed by testing and evaluation of mechanical and thermal properties. Numerical modelling in finite element software and simulation of components. Market analysis of developed product, report generation and documentation. Market search and procurement of raw materials and chemicals.
Salary	As per the norms
Duration of Project	24 Months

Apply with your resume and other relevant documents pertaining to the details of qualifications, experience and latest passport size photo on or before (30/06/2021) through online

<https://forms.gle/fDgdiZroRv5rzE7L9>. Eligible candidates having experience in the relevant field may send their applications with supporting documents by email: vishnupriyanj@citchennai.net, with the subject marked as “**APPLICATION FOR THE POST OF JRF - DST PROJECT**”. Only shortlisted candidates will be called for written test/Interview. No T.A/D.A will be paid for attending the interview. Preference will be given to the candidate who is having good academic record, research potential, relevant experience and GATE score. However, the selection of the candidate would purely be based on their performance in the Written Test and/or Interview. The date of Written Test and/or Interview shall be communicated to the shortlisted candidates by E-mail. The selection committee decision is final. If any applicant is found to canvass in any manner, the candidate selection shall be summarily rejected. **The last date for receipt of applications is 30.06.2021.**



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