



**Indian Institute of Science Education and Research Bhopal
Department of Humanities and Social Sciences
Bhopal By-pass Road, Bhauri, Bhopal 462066**

Advertisement for the post of Postdoctoral Fellow in Economics

Date: 27.08.2017.

Applications are invited for the post of one Postdoctoral Fellow in Economics in the following research area: **Rural Electrification and Fuel Choices**

Qualification: Ph.D. in Economics / Agricultural Economics or a related discipline with experience with quantitative techniques.

Age: Preferably below 32 years. However, it can be relaxed for candidates with adequate work experience.

Salary: Pay Rs. 17,000.00 + DR Rs. 18,360.00 +TA 10% on pay (Max. upto 2,500.00) + HRA 20% on Pay ((Max. upto Rs. 5000.00) in case of non-availability of residential accommodation). The Gross salary is Rs. 40,460.00 *

Minimum tenure: 1 year (extendable up to another year, subject to satisfactory performance and availability of funds)

Apply to: Interested applicants should email their CV and a 1-page cover letter (describing their past accomplishments, research interests, and career goals) and not more than 1-page brief research proposal, along with names and contact information of three references to ridhima@iiserb.ac.in Please send copy of research papers (published /manuscripts) if available. This position will remain open until filled. Shortlisted candidates will be called for interview by e-mail. No TA/DA will be paid to the candidate for appearing in the interview. The selected candidate will be notified by e-mail and expected to join immediately.

Description of research project:

This study seeks to assess the impact of electrification on the adoption of modern cooking fuels, mainly kerosene and Liquefied Petroleum Gas (LPG). The analysis will use the National Sample Survey Data (NSS), which is a panel data set representative of Indian districts. Previous research using cross-sectional data has found a strong link between electrification and the uptake of modern cooking fuels. Thanks to the panel dimension of our data on fuel use and electrification we will be able to test whether there is a causal relationship going from electrification to fuel switching.

In India, electricity is rarely used for cooking. The major benefits of electricity consist in improved lighting and power for consumer appliances. First, our study will aim at investigating the existence of a

causal link between electrification and the switch to modern (and cleaner) cooking fuels. Such causality, would allow us to identify another important effect of electrification. This additional channel may play a role in the design of new policies. However, for this study to be more relevant for policy design is the mechanism through which electrification affects the choice of modern fuels. The identification of these mechanisms will be the focus of the second part of our project.

Contact Details

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**Note: The applicants who have submitted their PhD thesis but waiting for viva may also apply but they will be eligible for reduced fellowship (according to institute guidelines).*