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IIT  
Indore

Dated: 15-March-2024

## **Advertisement for Postdoctoral Research Associate Position under the SERB-sponsored project**

IIT Indore invites applications from highly motivated, sincere, hardworking and research-oriented candidates for the position of postdoctoral **Research Associate** to work with **Dr. Mohd. Arshad, Department of Mathematics, IIT Indore.**

<b>Project title:</b>	Statistical Analysis of the Selected Treatment using Drop-the-Losers Designs
<b>Funding agency:</b>	Science and Engineering Research Board (SERB), New Delhi, India
<b>Position:</b>	Research Associate (One Post)
<b>Project details:</b>	<ul style="list-style-type: none"><li>To develop an efficient estimation procedure for the most promising (selected) treatment mean effect in the Drop-the-Losers Designs.</li><li>Analyze the bivariate datasets using the copula techniques in two-stage designs.</li><li>To develop confidence intervals for the difference between each treatment mean effect (within the selected subset of treatments) and control treatment mean effect under two-stage designs.</li><li>To develop the computational algorithms (R-programming/Python programming) for analyzing the clinical trial datasets.</li></ul>
<b>Qualifications:</b>	Ph.D. in Statistics/Mathematics with publications in reputed journals.
<b>Emoluments:</b>	Monthly Rs. 58,000/- + HRA (as applicable)
<b>Duration:</b>	One year (Extendable up to another two years or till the end/termination of the project whichever is earlier based on the performance).
<b>Application procedure:</b>	Interested candidates are requested to apply with a detailed CV, a list of all publications, two best research papers, and all the self-attested marksheets and certificates through the Google form: <a href="https://forms.gle/bqG6k6L7EALwkvYK7">https://forms.gle/bqG6k6L7EALwkvYK7</a> latest by <b>March 31, 2024</b> . Candidates should request two referees for sending their recommendation letters to <a href="mailto:arshad@iiti.ac.in">arshad@iiti.ac.in</a>
<b>Additional information:</b>	<ul style="list-style-type: none"><li>The deadline for submitting applications is <b>March 31, 2024</b>.</li><li>If you do not receive any acknowledgement immediately after submitting your application, feel free to contact Dr. Mohd. Arshad through email <a href="mailto:arshad@iiti.ac.in">arshad@iiti.ac.in</a></li><li>Only shortlisted candidates will be called for an interview. Selected candidates will be intimated by email.</li><li>No TA/DA will be paid if the interview is conducted through offline mode.</li><li>The Institute reserves the right to fill or not to fill the post advertised.</li></ul>