



# Research and Development Section Indian Institute of Technology Guwahati Guwahati-781039, Assam

Applications are invited from eligible candidates for the Research Associate (RA-1) position to work on the DST-SERB sponsored research project titled “**Precision studies for present and future collider experiments**” at the Department of Physics, IIT Guwahati.

Sl. No.	Project Staff Designation	Number of vacancies	Pay Recommended (Rs.)	HRA (Rs.)	Medical (Rs.)	Total Amount (Rs.)	Duration of Appointment in months	Qualifications
1.	Research Associate-I (RA-1)	1	47,000/-	7520/-	1250/-	55770/-	11	<b>Essential qualifications</b> <ul style="list-style-type: none"><li>• Ph.D. degree in Physics. Candidates who have submitted their thesis but waiting for the PhD. Degree can also apply.</li><li>• Experience in Particle Physics Phenomenology, Perturbative QCD, and Electro-weak corrections, multi-loop calculations, and resummation techniques.</li><li>• Collider phenomenology and the relevant numerical simulations.</li></ul>

## How to Apply and the selection process:

Application prepared as a single pdf file (consisting of cover letter, curriculum vitae, a list of publications, a research plan of one page, and a list of referees) must be sent to [mckumar@iitg.ac.in](mailto:mckumar@iitg.ac.in) latest by 06/06/2022 (5:30 pm). Shortlisted candidates will be intimated via email about the details of the online interview. The candidates called for the interview will have to appear in the online interview. Selection will be done based on the performance of the candidate in the interview, the quality of the research work and the quality of the journal publications. Candidates will not be sent any call letters separately. For any clarifications, please contact Dr. M.C. Kumar over email ([mckumar@iitg.ac.in](mailto:mckumar@iitg.ac.in)).