



**UGC-DAE Consortium for Scientific Research**  
**University Campus, Khandwa Road**  
**Indore – 452 001**

**Advertisement for the post of Research Associate**

Applications are invited for the post of research associate (RA) to work on theoretical modelling of electronic structure and magnetism of low-dimensional systems under the supervision of Dr. Rajamani Raghunathan.

The candidate must have a Ph.D. degree in Physics or equivalent with specialization in the broad area of theoretical condensed matter physics. Prior research experience in quantum many-body model Hamiltonians as demonstrated by publications in reputed international journals is required for the position. Sound knowledge of programming languages like Fortran/C++ is essential. Experience in methods development in the relevant field is desirable. The selected candidate will carry out research work on developing and solving quantum mechanical models to understand spin and charge ordering in low-dimensional systems, as well as train research scholars in this area of research.

This position is based in the Indore centre of the Consortium and is purely temporary for a duration of one year only. Fellowship will be in accordance with the existing DST norms (Rs. 49,000/- to Rs. 54000/- p.m. depending on the experience + HRA as applicable).

The candidates should submit formal application by **email** along with complete CV (name, DoB, contact details, qualifications, research accomplishments and full list of research publications) to “Administrative Officer-I, UGC-DAE Consortium for Scientific Research, University Campus, Khandwa Road, Indore - 452 001, Email: devendra@csr.res.in” **latest by 17:00 hrs on 04 October 2021**. Applications submitted post the deadline will not be considered for screening.

The date of interview for shortlisted candidates will be informed through email/telephone.