



## CENTRAL UNIVERSITY OF RAJASTHAN – 305817 (RAJASTHAN)

ADV. NO: CURAJ/PHY/AKP/UGC-DAE CSR/05

Dated: 25/05/2024

Applications are invited for the following assignment in a purely time-bound research project undertaken by the University's Department of Physics.

1	<b>Name of the Temporary Post</b>	<b>CRS Project Fellow – 01</b>
2	Name of the Sponsoring Agency	UGC-DAE CSR Indore
3	Title of the Research Project	Exploring the Functionalities of Novel Heusler Alloys by Employing Neutron Diffraction
4	Tenure of the Assignment	01 Year (extendable for another two years based on performance)
5	Job Description	To carry out the research work in the field of Heusler alloys using the facility, including Neutron diffraction at UGC-CSR
6	Consolidated monthly compensation / Fellowship	See- <i>Annexure-I</i>
7	Essential Qualifications and experience	M.Sc.in Physics (not earlier than 3 years) with a minimum of 55% marks
8	Desirable Qualifications/ Experiences	Valid JEST/GATE/NET-JRF/NET Candidates with specialization in Condensed Matter Physics and experience in synthesizing and characterizing structural & magnetic properties of Heusler alloys
9	Accommodation	Bachelor accommodation in the University may be provided subject to availability.

For technical information on the project, the candidate may contact the Principal Investigator (PI) Prof. Ajit Kumar Patra ([a.patra@curaj.ac.in](mailto:a.patra@curaj.ac.in)), Department of Physics, Central University of Rajasthan.

Eligible and interested candidates should

- Send their complete bio-data and **copies** of the certificate/documents as a **single pdf file via email to the PI of the project on or before 14<sup>th</sup> June 2024** and
- Attend the **interview via ONLINE/OFFLINE mode on 15<sup>th</sup> June 2024 at 11:00 AM** in the Department of Physics, Central University of Rajasthan. No TA/DA will be paid for attending the interview.

**Prof. Ajit Kumar Patra (PI)**

Copy to :

- HoD Physics for publication on Departmental Notice Boards and circulate among the research scholars
- Web administrator to upload on the University website
- Project Cell

**Annexure-I**

Sl. No.	Designation	Remuneration	Qualifications
(1)	CRS Project Fellow (Junior) -I	Rs. 14,000 + HRA	M.Sc. (not earlier than 3 years) with a minimum of 55% marks in the concerned subject ( <b>for Science</b> ) M.E. / M. Tech. (not earlier than 3 years) 1 <sup>st</sup> Class ( <b>for Engineering</b> )
(2)	CRS Project Fellow (Senior)-I	Rs. 16,000 + HRA	After completion of 2 years as a <b>CRS Project Fellow (Junior) -I</b> + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director
(3)	CRS Project Fellow (Junior)-II	Rs. 31,000 + HRA	<b>Same as (1)</b> + valid JEST/GATE/NET-JRF/Lectureship/UGC-CSIR NET JRF/Lectureship + Ph.D. registration of the student under the supervision of the PI at the University where PI's institute is affiliated
(4)	CRS Project Fellow (Senior)-II	Rs. 35,000 + HRA	After completion of 2 years as a <b>CRS Project Fellow (Junior)-II</b> + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director