Advertisement for the post of JRF- ISRO Respond Basket (RES-LEOS-2023-003)

Applications are invited from eligible Indian nationals for a JRF position in a time-bound ISRO RESPOND project under the supervision of **Dr. Ashwin Kumar Myakalwar, Department of Physics,** undertaken by **ICFAI Foundation for Higher Education, Hyderabad** and Co-PI: **Prof. G. Manoj Kumar,** School of Physics, University of Hyderabad.

Position Details:

- **Position:** Junior Research Fellow (JRF)
- **Number of Positions:** 01
- **Project File No.:** ISRO/RES/3/1024/24-25
- **Project Title:** Development and realization of effective calibration-free analytical algorithm for LIBS spectra
- **Sponsoring Agency:** Indian Space Research Organisation (ISRO)
- **Monthly Salary:** INR 37,000/- + HRA as applicable
- **Tenure of Assignment: 2 years, may be converted to PhD based on performance.**

Eligibility Criteria:

Essential Qualification:

- M.Sc. in Physics / B.S.-M.S. (5-year Integrated) in Physics / or Applied Physics OR
- M.Tech./M.S. (by research)/M.E. in Electronics/Radio Physics/Laser Technology
- Minimum 60% marks or equivalent CGPA
- Must have either of the below: (i) a valid **GATE/CSIR-UGC NET (including LS), (ii) JEST score, (iii)** Any national level examinations conducted by Central government department and their agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISE, IISER etc.,.

Desired Experience:

Good knowledge of more than one of the following topics at the **M.Sc. Physics level**:

- Atomic and Quantum Physics
- Electronics
- Optics
- Electromagnetic Theory
- Atomic and Laser Spectroscopy
- Hands-on experimental exposure to M.Sc.-level experiments

Nature of Work:

- Research and development
- Design and development of laser spectroscopy set-up
- Data recording and documentation of the research work
- Critical analysis of the experimental results
- Assist in any other associated experiment
- **Offline on-campus physical presence is needed** (Student may travel to ISRO or University of Hyderabad for conducting experiments)

Age Limit:

- Not more than 28 years as of **25-12-2024** (relaxation up to 5 years may be considered for SC/ST/OBC/PwD/Women candidates)

Application Process:

Interested candidates must apply with the following documents: (1) Cover letter, (2) Bio-data ,(3) passport-sized photograph, (4) Scanned copies of educational certificates and mark sheets from Class XII onwards, (5) NET/SET/GATE/JEST..etc qualified certificate, and (6) Scanned copies of proof for research experience, special achievements, and publications, if any. The soft copies of all the above documents can be submitted (in PDF format) through the following link: https://docs.google.com/forms/d/e/1FAIpQLSeMhhNFo0fSxnQ06pJ_Vtn9WPK5hSCkLEiVQWqUx4XesoHSfg/viewform?usp=header

For any queries related to the JRF position and the project, candidates can write to Dr. Ashwin Kumar Myakalwar (Principal Investigator) at ashwinjikumar@ifheindia.org.

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Application Deadline: 21-03-2025 (till 05.00 PM)

Selection Process:

- The shortlisted candidates will be informed via **E-mail only**.
- The selection will be based on **qualification, experience, and interview performance**.
- The interview will be conducted **offline at ICFAI Foundation for Higher Education, Hyderabad campus**.
- **No TA/DA** shall be paid to shortlisted candidates for appearing in the interview process.
- Selected candidates **must join duty within 7 working days** of receiving the confirmation letter from the FST director office.

Note: ICFAI Foundation for Higher Education, Hyderabad reserves the right to reject any or all applications without assigning any reason thereof.

Associate Dean Research,
ICFAI Foundation for Higher Education, Hyderabad