

S S Jain Subodh PG College Jaipur

Recruitment of JRF/Project Fellow

Applications are invited for three JRF/Project Fellows in S S Jain Subodh PG (Auto.) College, Jaipur under DST Govt. of Rajasthan , funded research projects. Qualifications, Fellowships and other details are available at college website; www.subodhpgcollege.com The last date to accept applications is 10th April 2025.

1. Project title: Integration of vanadium (V₂O₅) as polysulfide anion barrier for high energy density lithium sulfur batteries
Principal Investigator: Dr. Balram Tripathi (PI) : Contact: 9460067015
E-mail: balramtripathi1181@gmail.com
2. Project title: 2D nanomaterials based functional composite materials with tailored advanced properties for magnetic and optical applications
Principal Investigator: Dr. Sudhanshu Dwivedi (PI) Contact: 7340307456
E-mail: sudhanshu.dwivedi@gmail.com
3. Project title: Synthesis of efficient nanocomposite derived from metal oxide and sugarcane bagasse bio char for the absorption of nitrophenols and organic dyes from industrial waste water
Principal Investigator: Dr. Shobhana Sharma (PI) Contact: 8949032505
E-mail: shobhna.sharma51@gmail.com

Advertisement for College website

Advertisement for recruitment of JRF/Project Fellows in DST Rajasthan Projects

Applications are invited for the position of three Junior Research Fellows (JRF)/Project Fellows (On temporary/contract basis) in research projects funded by DST Rajasthan.

1. Integration of vanadium pentaoxide (V_2O_5) as polysulfide anion barrier for high energy density lithium sulfur batteries” in Department of Physics. **Number of positions:** 1 (one)
Principal Investigator: Dr. Balram Tripathi (PI), Department of Physics: Contact: 9460067015, E-mail: balramtripathi1181@gmail.com
2. 2D nanomaterials based functional composite materials with tailored advanced properties for magnetic and optical applications: **Number of positions:** 1 (one)
Principal Investigator: Dr. Sudhanshu Dwivedi (PI), Department of Physics, Contact: 7340307456, E-mail: sudhanshu.dwivedi@gmail.com
3. Synthesis of efficient nanocomposite derived from metal oxide and sugarcane bagasse biochar for the absorption of nitrophenols and organic dyes from industrial waste water” **Number of positions:** 1 (one), Principal Investigator: Dr. Shobhana Sharma (PI), Department of Chemistry, Contact: 8949032505, E-mail: shobhna.sharma51@gmail.com

Essential qualifications: M. Sc. in Physics / Chemistry /Material Science with first class.

Desirable qualifications: NET/GATE/JEST qualified, knowledge of vacuum / synthesis of nanomaterials and characterization of different techniques such as XRD, SEM/TEM, Charge-discharge, current-voltage measurements etc., as well as computer basic's and some software knowledge also expected.

Fellowship: In total Rs. 25,000/- per month is given to the JRF/Project fellow for the research work as per DST Rajasthan rules.

Tenure of project: The tenure of DST Rajasthan projects is three years (up to March 2028) and JRF/ project fellow will be recruited initially for one year and renewed yearly as per his / her yearly performance in the research project.

Last date: Detailed Bio-data / resume along with photograph and self attested photo copies of the supporting documents must reach on or before **10th April 2025** by speed post to the respective PIs of the projects at S S Jain Subodh PG College Rambagh Circle, Jaipur or at their electronic emails.‘

Important Note:

1. Only shortlisted candidates will be informed for interview by email and asked about the original certificates at the time of interview.
2. NO TA/DA will be provided for appearing in the interview.
3. The venue of interview is S S Jain Subodh PG (Auto.) College, Rambagh Circle, Jaipur.

Principal Investigator

Principal