



Department of Nanoscience and Materials Central University of Jammu, India

Walk-in-Interview for Junior Research Fellow (JRF) post

1. Fresh Advertisement No. : CUJ/DNSM/2019/441 Dated : 24-09-2019
2. Reference Advertisement No : CUJ/DNSM/2019/312 Dated : 24-07-2019

Applications are invited on prescribed format for the following assignment in a purely time bound research project undertaken in the Department of Nano Sciences and Materials of the University.

1. Name of the Temporary Post : Junior Research Fellow (JRF) -02
2. Name of the Research Projects : **A) Development of a novel sensing technique for organic pesticides in various media based on nanocrystal metal organic frameworks (NMOF) using parallel analysis with thermal desorption-gas chromatography-mass spectrometry (TD-GC-MS) (SERB File No. EEQ/2016/000484)**
Tenure of the Assignment : Approximately 2 Years (one year in the beginning and may be extended up to one more year based on performance)
B) Application of water-stable metal organic frameworks (WMOF) for the detection of odorants and emerging pollutants/pesticides in wastewater (SERB File no. ECR/2018/001716)
Tenure of the Assignment : Approximately 3 Years (one year in the beginning and may be extended up to one more year based on performance)
3. Name of the Sponsoring Agency : **Science and Engineering Research Board (SERB), Government of India.**
4. Job Description : **To carry out the research work related to the project.**
5. Monthly Fellowship : **Rs. 31,000(1st& 2nd year) + 8 % (H.R.A)**

डॉ० पवन कुमार
Dr. Pawan Kumar
सहायक आचार्य
Assistant Professor
नैनो विज्ञान एवं पदार्थ विभाग
Deptt. of Nano Sciences & Materials
जम्मू केन्द्रीय विश्वविद्यालय
Central University of Jammu

6. Essential Qualifications and experience : **M. Tech. in Biotechnology, Nano Science and Technology or Chemical Engg. or Polymer Science or Materials Science or relevant subject from a recognized University/ Institution with 60% marks in aggregate or equivalent CGPA**

OR

Master's degree in Chemistry/ Physics/ Biotechnology/ Materials Science and Technology or other relevant subjects from a recognized University/ Institution with 55% Marks in aggregate or equivalent CGPA

OR

B. Tech. in Material Science, Polymer Science, Biotechnology, Nano Science and Technology or Chemical Engg. or Polymer Science or Materials Science or relevant subject from a recognized University/ Institution with 60% marks in aggregate or equivalent CGPA with valid GATE Score Only

7. Desirable Qualifications/ Experiences :

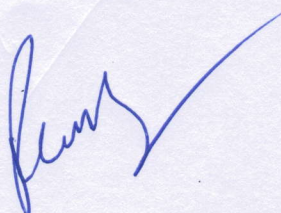
- Valid NET / GATE / JRF (CSIR / UGC/ DBT / ICMR) or any other equivalent examination will be preferred. Knowledge of metal organic frameworks or coordination polymers, sensors and organophosphate pesticides, nanotechnology or materials science is desirable

8. Accommodation : Bachelor accommodation in the Institute may be provided subject to availability.

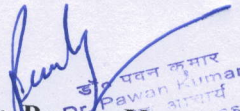
9. Terms : The services of the selected candidate will be as per SERB guidelines. The project fellowship is a full time position. The selected candidate shall not draw money from any other source

10. For technical information on the project, the candidate may contact the Principal Investigator at the following address:

Name : Dr. Pawan Kumar
Address : Department of Nano Sciences and Materials
Central University of Jammu, India , Tel. No: +91-8284814797
E-mail : pawannano10@gmail.com , pawandsm@cuammu.ac.in



WALK-IN-INTERVIEW WILL BE HELD IN THE DEPARTMENT OF NANO
SCIENCE AND MATERIALS, CENTRAL UNIVERSITY OF JAMMU,
RAHYA-SUCHANI, BAGLA, DISTRICT SAMBA, JAMMU, 181143, J&K
STATE, ON 30.09.2019 (Monday), at 1:30 PM


(Dr. Pawan Kumar)
डॉ. पवन कुमार
Dr. Pawan Kumar
Assistant Professor
नैनो विज्ञान एवं सामग्री विभाग
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Central University of Jammu

- Copy to: 1) All Heads of the Departments, Central University of Jammu for publication on
Departmental Notice Boards.
2) Web administer to upload on the University website
3) Project Cell

