CENTRAL UNIVERSITY OF PUNJAB, BATHINDA

**(Established vide Act No. 25 (2009) of Parliament)**

**Advt.No: Pro-173 (2022)**

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| **Projects Title** | **“Complex Flow Networks”**  Principal Investigator: **Dr. Chamkor Singh, DST-INSPIRE Faculty**  Department of Physics,  Central University of Punjab,  Bathinda, Punjab-151401 |
| **No. of Post** | 01 |
| **Name of the Post** | Project Fellow |
| **Age** | No age limit |
| **Fellowship** | Rs. 20,000/- per month consolidated. The fellowship may be revised depending uo on the research performance of the fellow. |
| **Tenure** | Initially for 1 year, and extendable up to the duration of the project based on the research performance of the fellow. |
| **Essential Qualification** | Master’s degree in Physics/Applied Mathematics/Computational Sciences/Biophysics/Chemical Sciences/Mechanical Sciences/Mechanical Engineering/Chemical Engineering or equivalent field from a recognized University/Institute. NET/GATE/JEST/CUCET or related competitive exam qualification is preferred but not mandatory. The final selection is subject to the candidates suitability for the project’s demands. |
| **Desirable Qualification** | Below mentioned points will be a plus for a candidates, but are not mandatory:  Candidates with any research or project experience in the field of theoretical fluid mechanics, soft matter physics, physical kinetics and molecular dynamics are desirable. Working knowledge of computational continuum modelling, hydrodynamic stability theory, and theory of partial differential equations (both numerical and analytical) will be preferred. In addition, programming experience in C/C++/Matlab/Octave/Python/Mathematica/CUDA will be handy. Candidates with experience in similar fields are also encouraged to apply. |
| **Last Date** | 18.10.2022 |
| **Interview** | 20.10.2022 at 11.00 AM. |
| **Terms and Conditions** | The fellow will be responsible for the research related to the project under the supervision of the PI, as well as for the formal and administrative activities under the project such as preparation of yearly project reports based on the research performed, and purchase of necessary research equipment.   * Interested candidates are requested to send their application with the prescribed format available on university website: www.cup.ac.in or www.cup.ac.in/other\_jobs.php to the project investigator by email: chamkor.singh@cup.edu.in * Candidates should bring the print out of application form with original and self-attested copies of all the supporting documents at the time of interview. * For more details/clarification, please contact Project Investigator: Dr. Chamkor Singh on E-mail: chamkor.singh@cup.edu.in. * Shortlisted candidates would be intimated by e-mail or phone. * **No TA/DA will be paid for attending the interview.** |