

Date: 24.10.2024

Jaypee Institute of Information Technology
Department of Mathematics

Applications are invited for the post of **ONE** Junior Research Fellow for the following time-bound sponsored project as per the details given below:

Project Title: Application of Lie Symmetry Analysis, Singularity Structure Analysis and Lagrangian formalism to study the time evolution of Epidemiological Models, sponsored by National Board for Higher Mathematics (NBHM) DAE, Govt. of India.

Post: Junior Research Fellow (JRF) – 01 No.

Duration: The project is valid for a period of three years. The selected candidate will be appointed on a purely temporary basis initially for the period of one year but likely to be extended depending on the performance, requirement and project validity, whichever is earliest.

Emoluments: Rs.37,000/-+HRA per month for first two years & Rs. 42,000/-+HRA per month for third year

Essential Qualifications: Post-graduate degree (M.Sc.) in Mathematics/Applied Mathematics

Desirable Qualification: The candidate should have qualified CSIR/UGC/JRF/NET or equivalent National/State level examination. They are expected to have strong programming skills in MATLAB/MAPLE/MATHEMATICA. Selected candidates are encouraged to enroll in the full-time Ph.D. program of the institution.

Job Description: The project involves application of Lie Symmetry Analysis, Singularity Structure Analysis and Lagrangian formalism to study the time evolution of Epidemiological Models

Note: The candidates fulfilling the above criteria need to apply. Applicants will be short listed for the selection in interview based on eligibility criteria. Selection of suitable candidates will be made based on qualifications and performance in the interview.

Applications including cover letter, detailed CV including Attested copies of degree/certificate and experience certificate should reach to **Dr. Lakhveer Kaur (PI), Department of Mathematics, Jaypee Institute of Information Technology, lakhveer712@gmail.com on or before Nov 10, 2024.**

Only short-listed candidates will be called for interview. Short-listed candidates will be informed via e-mail about the interview date and time. No TA/DA/Other emoluments will be given for appearing in the interview. Original Documents in support of educational qualifications and experience certificates (for JRF position) must be produced at the time of selection process.