

INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI
(A State University established by Govt. of NCT of Delhi)

Date: 29-09-2022

Subject: Applications invited for 1 RA (convertible to PhD) in

Applied/Computational Mathematics

Last date for application: open

Post	Research Fellow, 1 position available (can be converted to a PhD degree, if desired)
Remuneration	* Rs. 35,000 per month + House Rent Allowance (Rs. 8000/month) * Upto Rs. 10,000 per annum (travel/contingency/consumables)
Project Description	Selected candidate will work on: (1) Linear stability of Viscoelastic Flows (Sample paper: https://aip.scitation.org/doi/10.1063/1.5115455) (2) Numerical method development for viscoelastic flows
Essential Qualifications	* GATE score of atleast 400 OR * CGPA of atleast 7.5 out of 10 OR 70% marks: UG/ PG levels AND * MSc Mathematics, Physics, OR BTech/Mtech in Electrical / Mechanical / Aerospace Engg. * Solid background in atleast one area: Ordinary Differential Eqns / Partial Differential Equations / Numerical Analysis / Linear Algebra * Proficient in MATLAB/Python and/or C/C++
Desirable Qualifications	* Knowledge in computational partial differential equations * Knowledge in Fourier-Laplace Transform, Complex Variables * Good oral and written communication skills
Duration	3 Years (subject to performance)
Last date for Application	Last date of application submission: Open
Send Application	sarthok@iiitd.ac.in

Please send your CV to sarthok@iiitd.ac.in. Mention ‘Application for PhD’ in the subject line of your email

Dr. Sarthok Sircar, Associate Professor IIIT Delhi