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

Date: 1-01-2024

Subject: Applications invited for 1 Research Associate in **Applied Mathematics** Last date for application: March-15, 2024

Post	1 research associate position available in Applied Mathematics,
1050	under the guidance of Dr. Sarthok Sircar
	* Rs. 39,370 per month (inclusive of HRA@27%).
Remuneration	* Rs. 20,000 per annum (travel/contingency/consumables)
	Selected candidate will work on:
Project	(1) Linear stability of Viscoelastic Flows
Description	(Sample paper: https://aip.scitation.org/doi/10.1063/1.5115455)
	(2) Numerical method development for viscoelastic flows (Sample paper: https://arxiv.org/abs/2301.06507)
	* CGPA of atleast 7.5 out of 10 OR 70% marks: UG/ PG levels
Essential Qualifications	AND
	*MSc Mathematics, Physics, OR BTech/Mtech in Electrical /
	Mechanical / Aerospace Engg (PhD preferrable)
	* Strong background in atleast one area: Ordinary Differential Eqns /
	Partial Differential Equations / Numerical Analysis / Linear Algebra
	* Proficient in MATLAB/Python and/or C/C++
	* GATE score of atleast 400 OR CSIR/UGC-JRF
Desirable	* Knowledge in computational partial differential equations
Qualifications	* Knowledge in Fourier-Laplace Transform, Complex Variables
	* Good oral and written communication skills
Project Duration	1 Year (extendable upto 2 Years subject to performance)
Last date for	Last date of application submission: March-15, 2024
Application	
Send Application	sarthok@iiitd.ac.in

Please send your CV to <u>sarthok@iiitd.ac.in</u>. Mention '<u>Application for Research</u> <u>Associate</u>' in the subject line of your email

Dr. Sarthok Sircar, Associate Professor IIIT Delhi