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**

<u>Last date for application: March-15, 2024</u>

Post	1 research associate position available in Applied Mathematics, under the guidance of Dr. Sarthok Sircar
Remuneration	* Rs. 39,370 per month (inclusive of HRA@27%). * Rs. 20,000 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 (Sample paper: https://arxiv.org/abs/2301.06507)
Essential Qualifications	* 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 (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++
Desirable Qualifications	* GATE score of atleast 400 OR CSIR/UGC-JRF * Knowledge in computational partial differential equations * 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 Application	Last date of application submission: March-15, 2024
Send Application	sarthok@iiitd.ac.in

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

Dr. Sarthok Sircar, Associate Professor IIIT Delhi