Applications are invited for an **Online interview** for the following post in the SERB funded project entitled, **"High order compact simulation of flow and transport in porous media"** at the Department of Mathematics, IIT Guwahati.

Date: 4th April 2024 (Thursday)
Time: To be informed to the shortlisted contact via email
Venue/Online: Microsoft Teams/ Google Meet

SI No.	Project Staff Designation	Number of Vacancies	Pay Recommended (Rs.)	HRA (Rs.)	Medical (Rs.)	Total Amount	Duration of Appointment in months	Minimum Qualifications
1	Research Associate (RA)-I	01	58000.00 (As per the SERB rules)	9280.00 (As per the SERB rules)	N/A	67280.00	06 months (Based on the performance, there is a possibility of extension up to 2.5 years or the completion of the project, whichever is earlier.)	**Ph.D. with first class in the preceding degree in Applied Mathematics or equivalent in the appropriate branch with a very good academic record.** **Candidate with expertise and in-depth knowledge of fluid dynamics and computational experience will be preferred.**

The candidate is expected to develop higher order compact scheme(s) for numerical simulations of flow and transport through heterogeneous and anisotropic porous media. Prior knowledge of modelling and simulations of porous media flows, high performance computing and asymptotic analysis are not mandatory, but will be a plus.

How to Apply?

Combine the following documents as a single PDF file and submit via email to the Principal Investigator (PI) with a copy to the co-Principal Investigator (co-PI) on or before **5 PM, April 01, 2024.**

1. Completely filled application form (given on the following sheet).
2. Detailed CV (detailing prior research experience, if any).
3. Copy of all degree certificates.

Please arrange two recommendation letters (including one from the Ph.D. supervisor(s)) to be sent by the recommendation letter writers directly to the PI.

Selection process:

The shortlisted candidates need to give a 10 minutes' presentations on their research accomplishment followed by the interaction with the selection committee members. Further details, if any, will be informed only to the shortlisted candidates via email on **April 2, 2024**.

MATHSPNSERB00409xJCK003 **Asstt. Registrar (R&D)**

APPLICATION FORM FORMAT

1. Personal Details:
   a) Name:
   b) Date of Birth:
   c) Gender:
   d) Category (attach valid certificate, if applicable):
   e) Marital status:
2. Permanent address:
3. Address for communication:
4. Mobile No.:
5. E-mail:
6. Educational qualifications (from undergraduate onwards):

Degree	Institute/University	Year of graduation	% of marks/ CGPA

7. Professional experiences (Teaching/Research):

Name of the organization	Designation	Nature of work/ responsibilities	Start date	End date

8. Research Publications:
9. Other relevant information (such as details of project/awards/patents, if any):
10. Referees (please provide details of at least two referees)

DECLARATION:

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this applications form are correct to the best of my knowledge and belief. If selected for the position, I shall abide by the rules and discipline of the Institute/laboratory. I note that the decision of the Institute is final regarding the selection. I agree that I shall abide by the decision of the Institute, which shall be final.

Signature of Applicant

Date:
Name: