



**SOUTH ASIAN UNIVERSITY NEW DELHI**  
**(A University established by SAARC Nations)**  
**Department of Mathematics**  
**Akbar Bhawan, Chanakyapuri, New Delhi-110021, India**

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**Advertisement No: SAU/MATH/DST-SERB/MAY/01/2019**  
**DST-SERB File Number: CRG/2018/004608**

Applications are invited from the Indian nationals for the position of Junior Research Fellow (JRF) to work in the DST-SERB project entitled “**Fast Numerical Methods in Exponential Form for Multi-dimensional Second- and Fourth-order Quasi-linear Parabolic Partial Differential Equations**” under the supervision of undersigned. This project involves design and development of new algorithms for the solution of second and fourth order quasi-linear parabolic equations in various physical applications.

**Post:** Junior Research Fellow (JRF)

**Positions:** 1 (one)

**Duration:** 3(three) years or till the completion of the project, whichever is earlier.

**Fellowship:** Rs 31000/- pm+ HRA as per DST rules.

**Essential Qualifications:** Master’s degree in Mathematics and a good academic record with a minimum of 60% marks or equivalent in Master's. Candidates who have qualified NET/GATE will be preferred.

**Desirables:** Good knowledge of programming, strong analytical skills and creativity.

**How to Apply?**

Application form is given on the following sheet. The duly completed application on prescribed format along with copies of supporting documents must reach the undersigned on or before 21/5/2019. The envelope should be superscribed as “Application for the post of Junior Research Fellow (JRF) along with the Advt. no”. **A soft copy of the application should also be sent to [rmohanty@sau.ac.in](mailto:rmohanty@sau.ac.in) (PI of the project).**

If you do not receive an acknowledgement email within 48 hours of submitting the application, kindly resend the application.

Please note that no TA/DA will be given to the candidates called for interview.

**Last date for receipt of application:** May 21, 2019.

**Date of Interview:** During last week of May, 2019.

Prof. R K Mohanty

Principal Investigator

Department of Mathematics

South Asian University, Akbar Bhawan, Chanakyapuri, New Delhi-110 021, India

Email: [rmohanty@sau.ac.in](mailto:rmohanty@sau.ac.in)



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**Application Form**

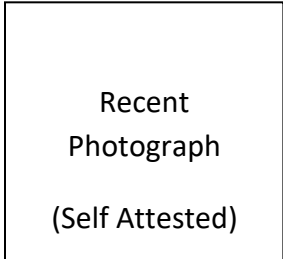
**Advertisement No:** SAU/MATH/DST-SERB/MAY/01/2019

**SERB-DST File Number:** CRG/2018/004608

**Funding Agency:** Science and Engineering Research Board, Department of Science & Technology, Govt. of India.

**Research Project Entitled:** Fast Numerical Methods in Exponential Form for Multi-dimensional Second- and Fourth-order Quasi-linear Parabolic Partial Differential Equations

**Name of P.I.:** Prof. R.K. MOHANTY



**Personal Details**

<b>Full Name (In capital)</b>			
<b>Date of Birth (DD/MM/YY)</b>		<b>Category (General/SC/ST/OBC)</b>	
<b>Age (in years)</b>		<b>Gender (Male/Female)</b>	
<b>Marital Status (Single/Married)</b>		<b>Nationality</b>	
<b>Address for Communication</b>		<b>Permanent Address</b>	
<b>Mobile/ Phone No.</b>		<b>Email:</b>	

**Details of School/University/Institute Studied (From Matriculation Onward)**

S. No.	Degree	Discipline	University/Institute	Regular/ Part-time	Year	%Marks /CGPA*	Division
1.							
2.							
3.							
4.							
5.							

\*[Please also submit softcopy of the semester-wise mark-sheets as well as softcopy of degree]

**Qualifying Examination (GATE/CSIR/UGC/LS-NET/Others)**

Qualifying Examination (& name of subject)	Branch	Year	Valid Up to	Percentile (& Score)	All India Rank

\*[Please also submit softcopy of the NET/GATE score card]

**Professional Experiences (Teaching/Research/Industrial) if any**

Name of Organization	Designation	Nature of Work	From	To

**Research Publications (if any):**

[Also attached softcopy of conference/journals papers separately (if applicable)]

**Awards, patents, prizes etc (if any):****Any other Relevant Information:**

## **DECLARATION**

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the University. I note that the decision of the University is final in regard to selection for admission and assignment to a particular Department and field of study. The University shall have the right to expel me from the Institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the University is not desirable. I agree that I shall abide by the decision of the University, which shall be final.

**Place:**

**Date :**

**Signature of Applicant**