



School of Pure and Applied Physics

§

School of Nanoscience and Nanotechnology

**Mahatma Gandhi University**

**Kottayam-686 560, Kerala, India**

Tel: 0481-2731043 (Office), 2731669 (Office/Fax), 09447671962(Mobile)

E-mail: [nkkalarikkal@mgu.ac.in](mailto:nkkalarikkal@mgu.ac.in)

[www.nandakumarkalarikkal.com](http://www.nandakumarkalarikkal.com), <http://iiucnm.mgu.ac.in/>, <https://www.mgu.ac.in/>,

<https://scholar.google.co.in/citations?user=vgr6uKIAAAAJ&hl=en>

Prof. (Dr.) Nandakumar Kalarikkal  
Senior Professor (Ex-Director & Chair), SPAP  
Director-in-Charge, SNN  
Member Syndicate

07<sup>th</sup> February 2022

**Advertisement for Junior Research Fellow (JRF)- DST-SERB-Govt. of  
India Project**

Applications are invited for a temporary position of JRF for a DST-SERB funded project entitled “*Design and Development of highly sensitive glucose sensor based on 2D Transition Metal Dichalcogenides (TMDCs): Theoretical Modelling and Experimental Verification*” at Mahatma Gandhi University (MGU), Kottayam 686 560, Kerala, India. The duration of the project is three years.

**Principal Prof. (Dr.) Nandakumar Kalarikkal**

**Investigator:** Senior Professor, School of Pure and Applied Physics  
Director-in-charge, School of Nanoscience and Nanotechnology,  
Mahatma Gandhi University, Kottayam, Kerala 686 560  
Email: [nkkalarikkal@mgu.ac.in](mailto:nkkalarikkal@mgu.ac.in)  
Mobile: +91 9447671962

<b>Position</b>	<b>Junior Research Fellow</b>
<b>No. of Posts</b>	1
<b>Age</b>	Below 28 years
<b>Qualification [Essential]</b>	M. Sc./M. Phil. in Physics (minimum 60% marks) [Candidates who have qualified with NET/GATE will be given preferences]
<b>Qualification [Desirable]</b>	Research experience in the theoretical modelling and simulation using First Principle Density Functional Theory calculations with good publications will be given preferences
<b>Fellowship</b>	Rs. 31,000 per month for the initial two years and Rs. 35,000 per month for the remaining one year

Eligible and interested candidates should send their application with a complete CV (having personal details, academic qualifications, research experience, publications,

name, affiliation, and email address of two referees) and other relevant documents as a PDF attachment via email to [serbmgu2021@gmail.com](mailto:serbmgu2021@gmail.com).

**Due date:** All documents should be mailed on or before 21st February 2022. The interview date and details will be informed to the shortlisted candidates via email.

**Condition:**

- i. The decision of the selection committee will be final
- ii. If the number of shortlisted candidates called for the interview is large, the selection committee may decide to restrict the number of candidates for the interview to a reasonable limit after considering qualifications and experience over and above the minimum prescribed in the advertisement
- iii. The selected candidate will have to join duty immediately on receipt of the offer
- iv. The fellowship may be terminated with a 30-day notice before completing the tenure if performance to date is not deemed satisfactory.

Warm Regards

A handwritten signature in blue ink, appearing to read 'Nandakumar', with a long horizontal line extending to the right.

**Nandakumar Kalarikkal, M. Sc., Ph. D.**