



## Advertisement for the Junior Research Fellow (JRF) under the 'DST-SERB' Project at Institute of Nano Science and Technology, Mohali

(An Autonomous Institute supported by Department of Science and Technology, Government of India)

### **Title: *Computational Investigations on New Class of Push-Pull chromophores for optoelectronic Applications***

Applications are invited from highly motivated and bright candidates for engagement as Junior Research Fellow (JRF) in the research project funded by DST-SERB-Ramanujan, Government of India, under the supervision of Dr. Jayamurugan Govindasamy, Principal Investigator, Institute of Nano Science and Technology, Mohali. This project will be conducted in close collaboration with Dr. Md. Ehesan Ali.

**Principal Investigator:** Dr. Jayamurugan Govindasamy, Scientist-D, INST, Mohali

**Name of the position available:** Junior Research Fellow (JRF)

**Number of positions available:** One

#### **Qualification:**

**Essential:** M.Sc in Chemistry (Organic/Inorganic/Physical/Analytical, etc) or M.Tech/M.Sc. in Applied Chemistry. With NET/GATE qualification.

**Desirable:** Candidate having computational expertise on organic molecules or any other materials. In addition, research experience in synthesis and characterization of organic/inorganic compounds and materials chemistry.

**Age limit:** Must not be over 28 years as on **20<sup>th</sup> November, 2017** which is relaxable for certain reserved categories as per rules of Government of India.

**Salary:** Rs. 25000/- (consolidated)

**Project duration:** Initially *one year* and can be extended.

**Last Date of Receiving Application:** **20<sup>th</sup> November 2017**

#### **General Terms and Conditions:**

The position is purely temporary and on contractual basis and renewable each year subject to satisfactory performance. The position is **co-terminus** with the project. ***Candidate selected for this position can also apply for the regular PhD program of INST provided they satisfy eligibility criteria.***

No TA/DA will be paid for attending the interview, ***however, candidates residing beyond 500 km from Mohali may opt for online interview.***

Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be presented along with the self-attested photocopies of these documents at the time of interview.

**Only shortlisted candidates will be communicated through email to appear in the interview and no other communication in this regard shall be entertained.**

The duly filled APPLICATION FORM and SYNOPSIS for both positions should be sent to <https://goo.gl/forms/dRFCChDW8cMTcsBJ2> as advance copy. Completed applications in the **prescribed format** as annexed should reach to the following address on or before **20<sup>th</sup> November, 2017** by speed-post or via email attachment (complete one combined PDF) addressed to:

Dr. Jayamurugan Govindasamy  
(Ramanujan Fellow)  
Assistant Professor (Scientist-D)  
Email: jayamurugan@inst.ac.in / jayamuruganinst@gmail.com  
and

Dr. Md. Ehesan Ali  
Associate Professor (Scientist-E)  
Email: ehesan@inst.ac.in

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Tel:01722210075 (ext. 216)  
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