

Junior Research Fellow	
No. of Vacancy	1 (One)
Project Title	'Information entropy dynamics and direct measurement of revivals and fractional revivals in nonlinear models'
Field and Nature of work.	Field: Theoretical quantum optics and quantum information Nature: The proposed work involves analytical calculations as well as numerical simulations using C or Python
Funding Agency	DST-SERB (File No: SERB/2022/0013154)
Duration of the Project	3 Years
Salary	Consolidated Pay: Rs. 31,000/- + 16% HRA for the first two years and will be promoted to a SERB (35000+16% HRA) after two years if all the necessary requirements are satisfied. The increments will be revised to new scale after the approval from DST-SERB.
Essential Qualification	<p>Essential: Master's Degree in Physics/Physical Sciences from a recognized university or Equivalent.</p> <p>Desirable: National Eligibility Tests – CSIR/UGC NET or GATE or A selection process through national level examinations conducted by central government departments and their agencies and institutions.</p> <p>Research experience in any field of 'Quantum Optics and Quantum Information' along with computational knowledge in C or Python .</p>