



DEPARTMENT OF NONLINEAR DYNAMICS  
SCHOOL OF PHYSICS  
BHARATHIDASAN UNIVERSITY  
TIRUCHIRAPPALLI – 620024  
TAMIL NADU

**Advertisement for the Post of SRF**

Applications are invited for the selection of **Senior Research Fellow (SRF)** to work in the following Project under the supervision of **Dr. M. Senthilvelan, CSIR Emeritus Scientist, Department of Nonlinear Dynamics, School of Physics, Bharathidasan University, Tiruchirappalli – 620024** for a temporary period, purely on a contractual basis as per the following details.

|                         |                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Position                | Senior Research Fellow(SRF)                                                                                                                                                                                                                                                                                                                                       |
| Number of Vacancy       | 1                                                                                                                                                                                                                                                                                                                                                                 |
| Project Title           | <i>Tailoring non-Hermitian topological insulators for applications and the search of topological states through machine learning</i>                                                                                                                                                                                                                              |
| Agency                  | CSIR, Government of India                                                                                                                                                                                                                                                                                                                                         |
| Department              | Nonlinear Dynamics, School of Physics                                                                                                                                                                                                                                                                                                                             |
| Project Tenure          | 3 years                                                                                                                                                                                                                                                                                                                                                           |
| Essential Qualification | (i) M.Sc, B.E, B.Tech, B.VSc, B.Pharm, or equivalent degree and at least two years of post-M.Sc, B.E, B.Tech, B.VSc, B.Pharm, research experience, as evidenced from published papers in standard refereed journals; (ii) M.E, M.Tech or equivalent degree in Engineering / Technology; (iii) MBBS or BDS, with 1 year internship / M.VSc / M.Pharm or equivalent |
| Desirable Qualification | Two years of Research experience in Theoretical Physics with sound computational skills                                                                                                                                                                                                                                                                           |
| Age Limit               | SRF – 32 Yrs.                                                                                                                                                                                                                                                                                                                                                     |
| Age relaxation          | The upper age limit is relaxable up-to 5 years in the case of candidates belonging to scheduled castes / tribes / OBC, women and physically handicapped candidates.                                                                                                                                                                                               |
| Fellowship              | Rs. 42,000/-p.m. plus HRA as per University norms.                                                                                                                                                                                                                                                                                                                |

Interested candidate may send a copy of his/her bio-data either by post or e-mail to [senthilvelan.m@bdu.ac.in](mailto:senthilvelan.m@bdu.ac.in) on or before 8<sup>th</sup> August 2026.

**Note:** No TA/DA is permissible for attending the interview.

(Dr. M. Senthilvelan)  
Principal Investigator  
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Department of Nonlinear Dynamics  
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