



UNIVERSITY OF MADRAS

(Established under the Act of Incorporation XXVII of 1857
– Madras University Act 1923) (State University)

DEPARTMENT OF NUCLEAR PHYSICS

(A DST-FIST sponsored department)

SCHOOL OF PHYSICAL SCIENCES

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Advt. No. UNOM/DNP/SERB-DST/JRF/FEB 2021/1650

24-02-2021

Dr. C. Venkateswaran

Professor & Head

ANNOUNCEMENT

Applications are invited from eligible candidates for the post of **JUNIOR RESEARCH FELLOW (JRF)** to work in the SERB-DST project titled “**Quantum Tunnel Heterostructure with Multiferroic $\text{Bi}_{0.5}\text{Ti}_{1-x}\text{M}_x\text{O}_3$ (M=Co, Ni, Fe and Mn) Barrier for High Speed and Efficient Four State Resistance Memories**” as per the requirements below:

Name of the Post	: Junior Research Fellow
Number of Vacancy	: One
Eligibility	: M.Sc., Physics with a minimum of 55% marks (50% in the case of SC/ST/PH). Candidates qualified with NET/GATE will be preferred.
Age	: below 27 years

Candidates with experience in the field of Magnetism, Ferroelectrics, Thin Films and Sputtering will be given preference. The selected candidate is eligible to register for Ph.D. degree at the Department of Nuclear Physics, University of Madras, Guindy Campus, Chennai 600025.

Duration	: Three years
Fellowship	: Rs.31,000*/- per month

(*for NET/GATE cleared candidates. For Non NET/Non GATE - as per the norms of DST)

A hard copy of the candidates bio-data including the details of educational qualification, project/research experience, and a brief note on the motivation to choose research, accompanied by attested copies of the qualifying degree and other necessary certificates, should reach the following address on or before **12 March 2021**.

Dr. C. Venkateswaran (Principle Investigator)

Professor & Head

Department of Nuclear Physics

University of Madras

Guindy Campus

Chennai – 600 025.


(C. Venkateswaran) 24/2/2021

NOTE: The date, Time and Mode of the interview (either online or offline) will be announced after the last date of receipt of the application. Candidates will be tested on the fundamentals and awareness related to the topic of the project. No TA/DA will be provided for attending the interview.