

Advertisement No. NITD/PHY/SERB/AM/2022/01

**RESEARCH ASSOCIATE FELLOWSHIP AT DEPARTMENT OF PHYSICS
NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR**

Applications are invited for a position of Research Associate (RA) from candidates having the following qualifications:

Essential Qualification:

- 1) P.h.D. in Physics/Electronics/Material Science along with reputed publications.
- 2) Good Experimental hands on the operation of Thermal vapor Deposition Unit and Electron Beam Deposition unit.
- 3) Age less than 38 years.

Desirable Qualifications:

- 1) Good English writing and Communication skills.
- 2) Schottky Diode Fabrication and Characterization.
- 3) Interfacing of Scientific Instruments with PC.

He or She will work on a SERB sponsored research project entitled “**Titanium dioxide (TiO₂)/Vanadium dioxide (VO₂) NWs heterostructure as a stable optical switch**”.

The selected candidates will be initially taken as RA-I and will be continued for three successive years subject to receiving the funds from SERB. Continuation of the fellowship is subject to satisfactory performance and review at the end of each year. The salary breakup is given below:

Salary Break-up

Years	Monthly Salary (in Rs.) (A)	Monthly HRA (in Rs.) (B)	Salary + HRA (in Rs.) (C)	Yearly Expense (in Rs.) (C) *12
1st Year	47000	7520	54520	654240
2nd Year	49000	7840	56840	682080
3rd Year	54000	8640	62640	751680

The HRA will be paid to RA if the institute is unable to provide the accommodation.

No. of Positions: One (1)

Application Procedure:

Please send an updated CV, list of publications, statement of research interests & names of three references at your earliest convenience (along with the scan copies of proof of qualifying examination) to aniruddhamo@gmail.com or aniruddha.mondal@phy.nitdgp.ac.in.

Last Date of Application: 23rd January 2022.

Selection Process:

The shortlisted candidates will be called for interview through email and telephone. The selected candidates will have to appear in an interview to be held at the Department of Physics, N. I. T. Durgapur. Selected candidate will receive the appointment letter for joining.