



INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

ADVT NO: R&D/785/RET/273

DATED: 17.03.2023

Project No **R&D/SP/PHY/RET/2022-23/785**

Applications are invited in the prescribed format only for the following assignment in a purely time bound research project undertaken in this institute.

1. (a) Name of the assignment : **Research Associate**
- (b) Number of Post : 01
- (c) Duration of the Post : **Initial term of 1yr, (renewal based on performance)**

2. Name of the research project:

Regulated energy transfer in perovskites nanocrystals for efficient optoelectronic applications

3. Name of the sponsoring Agency: SERB

4. Consolidated Fellowship/Salary: Rs. 47,000/- Consolidated

5. Qualifications & Experience: A Ph. D. in Physics/Applied Optics/ Nanoscience

The candidate desirably should have a **Ph. D. degree** with SCI peer reviewed research publications in good journals. A candidate with thesis submission certificate can also apply for the position (with reduced fellowship). Relaxations for SC/ST/OBC/women/PD will be given as per the GOI rules.

Research experience in the field of semiconductor optics or electronics is desirable. Though not mandatory, candidates having hands-on training with **time-resolved photoluminescence, conducting atomic force microscopy and semiconductor nanoparticle synthesis** are desirable.

Interested and eligible candidates may appear for the **WRITTEN TEST/WALK-IN INTERVIEW** on **30th Mar 23** at 11 **am** at Department of Physics, IIT Patna, Bihta, Patna – 801106 with updated resume along with the original copies of all supporting documents (certificates, mark-sheets, and degrees). No TA/DA is admissible for appearing in the interview.

For any query contact Investigator(s): **Dr. Manas Kumar Sarangi, Dept. of Physics, IIT Patna, Emails: mksarangi@iitp.ac.in** Tel.: 0612-302-8617.

Deputy Registrar

Copy to:

1. Associate Dean, R&D, IIT Patna
2. Advertisement file
3. Project file



INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

PROJECT CODE: R&D/SP/PHY/RET/2022-23/785

ADVT NO: R&D/785/RET/273

DATED: 17.03.2023

FORMAT OF APPLICATION FOR Research Associate

Name & Address Including email id and Phone no. (for Correspondence)	Category (GEN/OBC/SC/S T/PD)	DOB dd/ mm/yy	Professional Exam. (GATE/CSIR-NET, etc) & Validity
NAME IN CAPITAL Address: Phone: Email:			
Educational Qualification			
Institute/ Board	Exam Passed	Year of Passing	% of Marks/CPI
	10 th Class		
	12 th Class		
	Bachelors of Science (B.Sc in Physics)		
	Masters (M.Sc. in Physics/Applied Physics)		
Qualifying degree	Specialization (Mention your research expertise, PhD awarded/thesis submitted, if necessary, add a separate sheet.)		
Ph. D.			
(M.Sc.)			
Others			

Signature of applicant

Date:

Place: