



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

ADVERTISEMENT NO: R&D/785/RET/332

DATED: 01.01.2024

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. 49,000
5. Qualifications & Experience : A Ph. D. in Physics/Spectroscopy/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 synthesis of semiconductors and its characterization is desirable. Though not mandatory, candidates having hands-on training with **Photoluminescence, time-resolved photoluminescence, and semiconductor nanoparticle synthesis** are desirable.

Interested and eligible candidates may appear for the **WALK-IN INTERVIEW** on **24th Jan 24** 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

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3. Project file



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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: