



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

ADVERTISEMENT NO: R&D/542/DST/233**DATED: 27/06/2022**

Project No 542 (If applicable)

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 temporary assignment : Research Associate-I
- (b) Number of Post : 01
- (c) Duration of the Post : 06 Months (extendable up to completion of the project based on performance)
2. Name of the temporary research project : Multiscale Modeling of Deep Eutectic Solvent Promoted Enhanced Oil Recovery
3. Name of the sponsoring Agency : National Supercomputing Mission, DST
4. Fellowship : Rs. 47000/- plus HRA (As per GoI rule)
5. Qualifications & Experience :

Essential Qualification:

Ph.D (Chemistry/Physics/Chemical engineering/related branches)

Or

Three years' relevant experience after M.Sc/M.Tech (Chemistry/Physics/Chemical engineering/related branches) with at least one publication (in SCI journal).

Desirable Qualification:

The candidate should have strong theoretical and computational background in the area of statistical mechanics and molecular simulation with good publication records. The candidate should have strong programming skills (in C/Fortran/Matlab/Python). Working/research experience in the field of surface and interfacial properties of complex molecules will be given preference.

The upper age limit for applying for the RA position shall be as per DST norms. Relaxations for SC/ST/OBC/women/PD will be given as per the GoI rules.

Interested candidates are requested to send applications (updated resume including details of research and educational qualification from 10th standard onward in a single pdf) through email to skhan@iitp.ac.in (cc to khansandip@gmail.com) on or before **11th July, 2022**. The subject of the email should clearly state the following: "Application for the post of Research Associate under NSM project". The shortlisted candidates will be informed through email regarding the further details by **16th July, 2022**. **The date of online interview will be informed by email in due course of time.**

For any query contact Investigator(s) : **Dr. Sandip Khan, Dept. of Chemical and Biochemical Engineering, IIT Patna, Email: skhan@iitp.ac.in** Tel.: 06115-233-282.

Deputy Registrar

Copy to:

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



Form No: RD-M003

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

PROJECT CODE: R&D/SP/CBE/DST/2021-22/542

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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 (B.Sc/B.Tech/B.E./BCA) or equivalent		
	Masters (M.Sc/M.Tech/M.E/MCA/ MA) or equivalent		
	Ph.D		

Qualifying degree	Degree/ major/Specialization
(B.Sc/B.Tech/B.E./BCA)	
(M.Sc/M.Tech/M.E/MA/MCA)	
Ph.D	
Others	

Post Graduate Experience				
Organization	Position Held	Period from	Period to	Nature of Work

Signature of applicant

Date:

Place: