



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

**ADVERTISEMENT NO: R&D/542/DST/195****DATED: 01/06/2021**

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  
(b) Number of Post : 01  
(c) Duration of the Post : 1 Year (extendable up to 2 years)
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
4. Fellowship/Salary : Rs. 47000/- plus HRA as per GoI rule
5. Qualifications & Experience :

The candidate desirably should have Ph.D degree in Physical chemistry/Computational Physics/Chemical Engineering or any other related branches with a strong theoretical and computational background in the area of statistical mechanics and molecular simulation. The upper age limit for applying for the RA position shall be 35 years (preferably). Relaxations for SC/ST/OBC/women/PD will be given as per the GoI rules. Working/research experience in the field of surface and interfacial properties of complex molecules will be given preference.

Interested candidates are requested to send applications (cover letter, updated resume including details of research and educational qualification from 10<sup>th</sup> standard onward in a single pdf) through email to [skhan@iitp.ac.in](mailto:skhan@iitp.ac.in) on or before 20<sup>th</sup> June. The subject of the email should clearly state the following: "Application for the post of Research Associate under NSM project". The shortlisted candidate will be called for interview (online mode) in the month of June or July, 2021.

For any query contact Investigator(s) : **Dr. Sandip Khan, Dept. of Chemical and Biochemical Engineering, IIT Patna, Emails: [skhan@iitp.ac.in](mailto:skhan@iitp.ac.in) Tel.: 0612-3028282.**

**Deputy Registrar**

Copy to:

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



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**PROJECT CODE: 542**

**ADVT NO: R&D/542/DST/195**

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**FORMAT OF APPLICATION FOR “RESEARCH ASSOCIATE”**

| <b>Name &amp; Address</b><br><b>Including email id and Phone no.</b><br><b>(for Correspondence)</b> | <b>Category</b><br><br>(GEN/OBC/SC/S<br>T/PD)            | <b>DOB</b><br><br>dd/ mm/yy | <b>Professional Exam.</b><br><b>(GATE/CSIR-NET, etc) &amp;</b><br><b>Validity</b> |
|---|--|-----------------------------|---|
| <b>NAME IN CAPITAL</b><br>Address:<br><br><br><br>Phone:<br>Email:                                  |  |                             |   |
| <b>Educational Qualification</b>  |  |                             |   |
| <b>Institute/ Board</b>   | <b>Exam Passed</b>                                       | <b>Year of Passing</b>      | <b>% of Marks/CPI</b>   |
|   | 10 <sup>th</sup> Class                                   |                             |   |
|   | 12 <sup>th</sup> Class                                   |                             |   |
|   | Bachelors<br>(B.Sc/B.Tech/B.E./BCA)<br>or equivalent     |                             |   |
|   | Masters<br>(M.Sc/M.Tech/M.E/MCA/<br>MA)<br>or equivalent |                             |   |
|   | Ph.D   |                             |   |

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

Signature of applicant

Date:

Place: