



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

ADVERTISEMENT NO: R&D/810/CRA/286

DATED: 06-06-2023

Project No: **CRA-810**

Applications are invited in the prescribed format only for a 5-year research project funded PhD position in the Department of Mechanical Engineering, IIT Patna.

1. (a) Name of the temporary assignment : PhD position funded through project
(b) Number of Posts : Two (02)
(c) Duration of the Post : Five (05) years
2. Name of the temporary research project : Low global warming potential alternative chemicals to substances controlled under the Montreal Protocol
3. Name of the sponsoring Agency: Project Management Unit, Ozone Cell, Ministry of Environment, Forest and Climate Change, Government of India
4. Consolidated Fellowship/ Salary: 31000 + 9% HRA for the first two years followed by 35000 + 9% HRA (subject to satisfactory performance).
5. Qualifications & Experience:
 - The upper age limit is 28 years for candidates with B.Tech./B.E. degree and 32 years for candidates with M. Tech./M.E. degree in Engineering/Technology, to be calculated as on the last date of application.
 - Further, the candidate must satisfy one of the following criteria:
 - Candidates having M. Tech./M.E. degree in an Engineering/ Technology, with a minimum CGPA of 6.5 or 60% of marks.
 - Candidates with B.Tech./B.E. in Mechanical Engineering or other branches relevant to the project topic with a minimum CGPA of 7.5 or 70% of marks and a valid GATE score.
 - Relaxations for SC/ST/OBC/women/PD will be given as per the project funding agency/GoI norms.

6. Description of the ONLINE MODE of the selection process:

Application procedure:

1. Candidates interested in this position with the requisite qualification as stated above should write an email to the project investigator Dr. Rishi Raj, Department of Mechanical Engineering, IIT Patna (Email IDs: rroj@iitp.ac.in and rroj.iitp@gmail.com). Please include Dr. Ajay D. Thakur, Department of Physics (ajay.thakur@iitp.ac.in) in the cc list.
2. The subject of the email should read as “*PhD Position CRA-810*”. The last date for receiving this email is 18th June 2023.



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3. The email **MUST** include the scanned/pdf copy of duly filled application form (see attached word document) with applicant's signature.
4. The email **MUST** include self-attested scanned pdf copy of all supporting documents (degree certificates, mark-sheets, GATE scorecard, and category certificate, if applicable).
5. Copy of all (if any) Scopus indexed journal papers should be attached with the email.
6. The application should also include a brief Academic CV not exceeding two pages.

This project is a highly specialized, time bound, and target orientated. The qualification and experience given above in this advertisement are at the minimum requirement level and do not guarantee interview call if other candidates with higher qualification and/or experience desirable and commensurate with project objectives are available. Further, IIT Patna reserves the right to not shortlist any candidate in case the application email does not contain complete information backed up by supporting documents as listed above. All candidates who apply via email by **18th June 2023** (deadline) and are shortlisted will be informed regarding the further details by **22nd June 2023**. The date of online interview will be announced and informed to the shortlisted candidates in due course of time (tentatively between **June 26 – July 4, 2023**).

Deputy Registrar

Copy to:

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