



## Indian Institute of Technology (ISM) Dhanbad

Office of the Dean (Research & Development)

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| <b>Sanction No and Date:</b><br><b>CC-12008/42/2025-IPC &amp; NATCOM</b><br><b>dated 17<sup>th</sup> April 2026 2024</b> | <b>IIT (ISM) Project No.</b><br><b>SRDP1220G</b> | <b>Date: 17/09/2026</b> |
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### Senior Project Associate position under MoEFCC Sponsored Project

Applications are invited under the sponsored project. The details of the project are as under:

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| <b>Position</b>                                                                                                                                                                                                                                                                                                                                                 | Senior Project Associate                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Number of Position (s)</b>                                                                                                                                                                                                                                                                                                                                   | One                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Title of The Project</b>                                                                                                                                                                                                                                                                                                                                     | Fugitive Methane Emission from Oil and Natural Gas System                                                                                                                                                                                                                                                                                                                                              |
| <b>Principal Investigator</b>                                                                                                                                                                                                                                                                                                                                   | Prof. Rajeev Upadhyay<br>Department of Petroleum Engineering, IIT (ISM) Dhanbad, Jharkhand, India<br>PIN-826004<br><br>Email: rajeevupadhyay@iitism.ac.in; Mobile: +91-9430351877                                                                                                                                                                                                                      |
| <b>Tenure of Project</b>                                                                                                                                                                                                                                                                                                                                        | For a period of one year.                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Job Description (in maximum of 100 words)</b>                                                                                                                                                                                                                                                                                                                | Analysis of available/new information on fugitive emissions from oil and natural gas systems; develop a new algorithm/flow chart/factor calculation; capture uncertainty; preparation of a model; field data collection; report writing; attending a training programme and presenting the interim outcome of the project along with associated work related to the project.                           |
| <b>Essential Qualification</b>                                                                                                                                                                                                                                                                                                                                  | Candidate must clear M.Sc./M.Sc.Tech./Integrated M.Tech. in Geophysics/Applied Geophysics/Exploration Geophysics/Environmental Geophysics or M.Tech. in Petroleum Exploration/ M.Tech. in Fuel Engineering/M.Tech. in Petroleum Engineering with more than 80% marks or 8:00 CGPA/OGPA (on 10.0 point scale) in the relevant degree along with 1 <sup>st</sup> class Ph.D degree in the relevant area. |
| <b>Desirable Qualification</b>                                                                                                                                                                                                                                                                                                                                  | Working experience in the relevant fields.                                                                                                                                                                                                                                                                                                                                                             |
| <b>Age and Relaxation (if any)</b>                                                                                                                                                                                                                                                                                                                              | The upper age limit is 40 years at the time of interview (Age relaxation for SC/ST/OBC/PH candidates as per GOI rules).                                                                                                                                                                                                                                                                                |
| <b>Fellowship</b>                                                                                                                                                                                                                                                                                                                                               | 42,000.00/- + 18% HRA per month.                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Last Date &amp; Time</b>                                                                                                                                                                                                                                                                                                                                     | 7 <sup>th</sup> October 2026 & 6:00 pm                                                                                                                                                                                                                                                                                                                                                                 |
| <b>How to apply:</b> Interested candidates may send their applications with self-attested copies of all degree certificates (from class 10th onwards) through email to the Principal Investigator. Eligible and shortlisted candidates will be notified for an interview through email. <b>The interview will be held through online platform/offline mode.</b> |                                                                                                                                                                                                                                                                                                                                                                                                        |

(Signature of PI)