



भारतीय  
प्रौद्योगिकी  
संस्थान  
काशी हिन्दू विश्वविद्यालय



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY

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**Advertisement No.** IIT(BHU)/CE/SRG/2021/000036

**Date:** June 25, 2021

Applications are invited from highly motivated young persons for a Junior Research Fellow position in a DST-SERB sponsored project (File No: [SRG/2020/000036](#)) as per the following details.

**Post:** Junior Research Fellow

**Project Title:** Factor Affecting Exhaust Emissions of Motorized Two Wheeler in an Indian Tier-II City: A Case Study of Varanasi

**Minimum Qualification:** B.Tech. and M.Tech. in Civil/Mechanical Engineering (must be GATE qualified)

**Preferred Experience/Skills:**

1. Knowledge of vehicular emission
2. Experience with field data collection related to traffic engineering
3. Data analytics skills (such as Microsoft Excel Spreadsheet, Python, R and alike)
4. Ability to drive a motorized two wheeler (scooter or motorcycle)
5. Good technical writing skills and motivation to publish the work in reputed journals

**Nature of Work:** The research involves on-road measurement of exhaust emissions of a motorized two-wheeler along with GPS tracking and video recording of real-time traffic conditions. This position requires data collection, analysis and writing reports and academic papers.

**Salary:** Fixed emoluments of Rs. 31,000/- per month

**Age Limit:** The candidate must not be more than 28 years old as on January 1, 2021. Age relaxation will be exercised as per the rules of Government of India.

**Duration of Appointment:** The post is purely temporary and co-terminus with the project.

**Project Duration:** 2 years

**Duration of the Post:** Initially for 6 months, extendable up to 2 years based on the satisfactory performance

**Application Procedure:** Interested candidates may apply (within 21 days of this advertisement) by providing and submitting required information to the following online form

<https://forms.gle/8ju4YKxRR7jKhHHH9>

The required details are: name, contact details, and educational background along with self-attested copies of mark-sheets and certificates. Only shortlisted applicants will be called for an interview. No TA/DA will be paid if called for interview in person. Interview may be conducted through an online mode due to the ongoing Covid-19 pandemic.

If you have difficulty accessing the form kindly contact me.

Thank you.

*Abhisek Mudgal*

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