**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHOPAL**

**BHOPAL BY-PASS ROAD, BHAURI, BHOPAL 462 066**

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**DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCES**

**ADVT #: EES/RSR/2023-24/10**  **Date: March 05, 2024**

Applications are invited from Indian nationals for the post of ​“**Junior Research Fellow**” for a multi-institute research project entitled ''National Carbonaceous Aerosols Programme COALESCE: CarbOnaceous AerosoL Emissions, Source apportionment and ClimatE impacts” funded by Ministry of Environment, Forest and Climate Change, Government of India.

**Name of the post: Junior Research Fellow (JRF)**

**Number of posts: ​**01

**Duration:** Initially for 6 months, extendable to be co-terminus with the project.

**Salary: ​**Rs. 31,000 pm + HRA

**Minimum qualifications: ​**This position requires a post-graduate degree (BS-MS, MSc, M.Tech) inAtmospheric Sciences, Earth and Environmental Sciences, Analytical Chemistry, Civil/Environmental/Chemical Engineering, from a recognized University/Institute. The candidate should preferably have a fundamental knowledge of atmospheric aerosols, specifically aerosol chemistry, its chemical analysis methods and optical characteristics.

In addition to minimum qualification, a National level examination like National Eligibility Test (NET)/CSIR-JRF/UGC-JRF/INSPIRE-Ph.D/GATE/Rajiv Gandhi Fellowship or any other Fellowship is mandatory.

**Desirable:**

* This position will be centered on field sampling, chemical analyses and aerosol source apportionment.
* Prior experience in operating instruments such as particulate matter air sampler, nephelometer, transmissiometer, and weather stations are highly desirable.
* The candidate should be experienced to handle Ion-Chromatography, EC-OC analyser, ED-XRF, OT-21 for chemical analyses.
* Experience with factor analysis including chemical mass balance and positive matrix factorization for atmospheric aerosols is valuable.
* The position requires excellent English communication (oral and written) skills.

**Procedure to submit applications:** Applications are to be made (electronic copy or hard copy) by submitting curriculum vitae (CV) (in accordance with the appended format) along with a statement of purpose. The application should including a passport-sized photograph and at least two letters of recommendation.

Completed applications should preferably reach the undersigned by **March 30, 2024** by **e-mail (preferably)** or post. However, application deadline may be extended for exceptionally qualified candidates and positions will remain open until filled. Further, the selection committee may offer lower or higher designation and lower or higher salary depending upon the experience and performance of the candidate in the interview.

Only shortlisted applicants will be intimated and called for an interview. No interim correspondence will be entertained. For any questions regarding the post, the nature of the project, or the suitability of your candidature for the advertised post please contact the undersigned.

**Mail applications to:**

Prof. Ramya Sunder Raman

Professor, Earth and Environmental Sciences

Room #29, Academic Building 2

Indian Institute of Science Education and Research (IISER) Bhopal

Bhopal by-pass road, Bhauri

Bhopal- 462 066, Madhya Pradesh, INDIA

Phone: + 91-755-2691 371

Email : [​ramyasr@iiserb.ac.in](mailto:ramyasr@iiserb.ac.in)

Web : ​<https://home.iiserb.ac.in/~ramyasr/pages/Home.html>

**Indian Institute of Science Education and Research Bhopal**

Application Proforma

|  |  |  |
| --- | --- | --- |
| Date | Post applied for | Advertisement no. |
|  |  |  |

**I. Have you applied for a position (temporary or permanent) in the Institute before?** (If yes, please fill the below mentioned details)

|  |  |  |
| --- | --- | --- |
| Date of application | Post applied for | Advertisement no. |
|  |  |  |

**II. Personal Profile**:

|  |  |  |  |
| --- | --- | --- | --- |
| First name | Middle name | Surname | Affix latest passport size Photograph |
|  |  |  |
| Date of birth | Gender | Marital Status (single/married) |
|  |  |  |
| Nationality | Religion | Category  (ST/SC/OBC/PD/General) |
|  |  |  |

**III. Family Details (full names)**:

|  |  |
| --- | --- |
| Father’s Name |  |
| Mother’s Name |  |

**IV. Contact Details**:

|  |  |  |  |
| --- | --- | --- | --- |
| Address for correspondence | Permanent address | Contact details (Address where we can reach you) | |
|  |  | Country Code: |  |
| Area Code: |  |
| Off: |  |
| Res: |  |
| Mobile: |  |
| Email: |  |
| Skype Address: |  |

**V. Academic qualifications** ( *in chronological order from class X onwards*) :

(add additional rows if required)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Qualification | Name of the Institution / School /University | Date of passing  (MM - YYYY) | Grade/Div./ % | Subjects |
| Class X |  |  |  |  |
| Class XII |  |  |  |  |
| Bachelors |  |  |  |  |
| Masters |  |  |  |  |

**VI. Professional experience**:

**A: Teaching / Industrial**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Position | Name of the organization | Period | No. of  Yrs. | Pay Scale  & Basic Pay |
|  |  |  |  |  |
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**B: Research** **Projects** (*Sponsored & Consultancy)*:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Position | Name of the organization | Period | No. of  Yrs. | Value of the project |
|  |  |  |  |  |
|  |  |  |  |  |

**C: Research Profile**:

|  |
| --- |
| Papers Published & Conference proceedings |
|  |

**D: Awards & Distinctions**:

|  |  |  |
| --- | --- | --- |
| Name of the Award / Fellowship | Name of the organization | Year |
|  |  |  |
|  |  |  |

**VII. Antecedents**:

|  |  |
| --- | --- |
| 1. Details of any judicial proceedings in the past or present |  |
| 1. Any health problems |  |
| 1. Any other noteworthy items |  |

**VIII. References with Name, Designation, Address, Phone & Email:**

|  |  |
| --- | --- |
| Reference I | Reference II |
|  |  |
| Email: | Email: |
|  |  |

**Declaration:** The above furnished information is true to the best of my knowledge.

Place: Signature:

Date: Name: