



**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**ZOOLOGICAL SURVEY OF INDIA**  
**M-Block, New Alipore, Kolkata – 700053**

Advt. No. 210-3/2022/Tech. (Schrs.)

06.12.2023

**RECRUITMENT OF JUNIOR RESEARCH FELLOW (JRF)**

**Application Start Date: 06.12.2023**

**Closing Date: 22.12.2023**

Applications are invited from interested and eligible candidates for JUNIOR RESEARCH FELLOWS (JRFs) in Zoological Survey of India in Head Quarter, Kolkata, FBRC, Hyderabad and Western Regional Centre, Pune. The position is purely on temporary basis initially for a period of one year and it may be extended for further period(s) based on the requirement and satisfactory performance, however shall be terminated on completion of the project/programme. On Completion of two years, the JRF will be upgraded to SRF based on the assessment through Expert Committee.

<b>Name of the Post</b>	<b>No. of Post</b>	<b>Place of posting</b>	<b>Educational Qualification</b>	<b>Desirable Qualification</b>	<b>Remuneration</b>
Junior Research Fellow	04 (Four)	HQ, Kolkata	Master degree in Zoology/ Life Science from a recognised University with minimum 60% marks.	Research experience in taxonomy, systematics in zoology, field survey experience in wildlife, knowledge of Computer and basic field data collection. Preferably NET (LS), GATE qualified.	If qualified any national examinations like NET (LS), GATE Rs. 31000/- + Admissible HRA (As per rules).  If not qualified any national examinations Rs. 20,000/- + Admissible HRA (As per rules).
Junior Research Fellow	01 (One)	FBRC, Hyderabad	Master degree in Zoology/ Life Science	Research experience in DNA isolation,	If qualified any national examinations

			from a recognised University with minimum 60% marks.	gel electrophoresis, PCR, alignment of DNA sequences and DNA barcoding of Indian fauna. Preferably NET (LS), GATE qualified.	like NET (LS), GATE Rs. 31000/- + Admissible HRA (As per rules).  If not qualified any national examinations Rs. 20,000/- + Admissible HRA (As per rules).
Junior Research Fellow	01 (One)	WRC, Pune	Master degree in Zoology/ Life Science from a recognised University with minimum 60% marks.	Research experience in DNA isolation, gel electrophoresis, PCR, alignment of DNA sequences and DNA barcoding of Indian fauna. Preferably NET (LS), GATE qualified.	If qualified any national examinations like NET (LS), GATE Rs. 31000/- + Admissible HRA (As per rules).  If not qualified any national examinations Rs. 20,000/- + Admissible HRA (As per rules).

### General Instructions:

- Age Limit:** Age shall not be more than 28 years as on last date of application. The upper age limit is relaxable up to 5 years in the case of applicants belonging to scheduled Castes/Tribes/ OBC-Non Creamy Layer /Physically Handicapped candidates as per Govt. of India rules.
- Shortlisting Criteria:** Candidates will be shortlisted on the basis of their qualification and experience. Mere possession of qualification and experience may not ascertain the shortlisting of candidates for interview or selection. Although there is an indication for number of vacancy, the Director, ZSI reserve the rights for selection of any number of candidates.
- Mode of Interview:** Shortlisted candidates will be informed through email for appearing before an interview committee to be conducted virtually through video conferencing, through a short notice.

4. **Document Verification:** The original certificates and other credentials will be verified at the time of joining and at the time of the verification of original documents (even after selection), if it is found that an attempt has been made by the applicant to wilfully conceal, misrepresent or canvass the facts, such applicant will not be considered for selection and due action will be implemented.
5. **Place of posting:** Selected candidates will be liable to be posted anywhere in the country, including field sites and HQ, regional centres of ZSI and will have to join immediately after their selection.
6. **Application form:** The application form can be downloaded from the Zoological Survey of India website <http://zsi.gov.in>. (Home ➡ EVENTS ➡ Advertisements) Incomplete application and application without supporting documents will be rejected and or not considered. While filling the application, the candidate should provide the correct email Id and Mobile Number, as any further communication will be made through the provided email Id and mobile number only.
7. **Submission of application form:** Candidates should submit the duly filled-in application with self-attested scanned copies of testimonials of educational qualifications, research experience, proof for date of birth etc., along with copies of mark sheets and certificates of all examinations (class 10<sup>th</sup> onwards) and 'No Objection Certificate' from present employer (if employed) to **The Director, Zoological Survey of India, M-Block, New Alipore, Kolkata by Email in a single PDF ([technical@zsi.gov.in](mailto:technical@zsi.gov.in))** super scribed on the subject **Application for the post of JRF** on or before **IST 6:00 pm of 22<sup>nd</sup> December, 2023**. The application received after the deadline shall not be considered and will be rejected.

N.B. The Director, Zoological Survey of India reserves the right of selection or rejection of a candidature including cancellation of the advertisement without assigning any reason.

**Director  
Zoological Survey of India  
Kolkata**



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**Ministry of Environment, Forest and Climate Change**  
**ZOOLOGICAL SURVEY OF INDIA**

**APPLICATION FOR THE POST OF JUNIOR RESEARCH FELLOW**

1. Advertisement number :
2. Name in full (in block letters) :
3. Father's /Husband name :
4. Date of Birth :
5. Nationality :
6. Address for correspondence :
  
7. Email Id :
8. Mobile Number :
  
9. Whether SC/ST/OBC (attach certificate) :
10. Whether NET/GATE qualified (attach certificate):
  
11. Educational / Professional Qualifications from 10<sup>th</sup> onwards:

Passport photo attached here
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Sl. No.	Examination passed	Year	School/College/ University	Subjects	Marks obtained	Percentage of Marks obtained	Remarks/ Rank Holder

12. Research experiences:

Sl. No.	Name of the Post	Name of the Institution/ Organisation	Duration		Title of research Work/ Project
			From	To	

13. Details of Previous Employment, if any:

Sl. No.	Name of the Post	Name of the Institution/ Organisation	Duration		Title of Work
			From	To	

14. Present pay scale, position held, basic pay and total emoluments drawn (if employed):

15. Title of Dissertation (attached one Page Summary):

16. List of Publications if any (Enclose copies of three best scientific publications):

17. Any other relevant information:

**Declaration**

I hereby declare that all the information furnished above are true to the best of my knowledge and belief. I shall abide by the terms and conditions specified in the project.

**Applicant's signature with date**

## **GENERAL TERMS AND CONDITIONS FOR JUNIOR RESEARCH FELLOW**

- 1. Fellowship:** A Junior Research Fellow will be paid a Fellowship of Rs. 20,000/- per month along with a contingent grant of Rs. 15,000/- per annum. The tenure of JRF will be for a period of two years. The Junior Research Fellow is expected to publish at least two research papers preferably in SCI/UGC approved journals in this tenure.

At the end of two years, the progress report of the Junior Research Fellow will be assessed by the Director, Zoological Survey of India, on the basis of published/accepted paper(s) etc. and if found satisfactory and recommended, the Junior Research Fellow (JRF) may be converted into Senior Research Fellow (SRF) for a further period of 3 years depending on yearly progress assessed by the expert committee. A Senior Research Fellow is paid a fellowship of Rs. 23,000/- per month along with a contingent grant of Rs. 20,000/- per annum.

In case the progress of the JRF is not considered satisfactory and no publications to the credit of the JRF, the Junior Research Fellow may not be considered for promotion and further extension of the fellowship. The total tenure of Junior and Senior Research Fellowship will not exceed five years. The termination of tenure will be intimated one month in advance.

- 2. H.R.A.:** House rent allowance will be allowed as per the rules of Govt. of India / ZSI. In no case it should exceed the rates payable to Central Government Employees in that area. The basis for calculating HRA will be the actual stipend of the Research Fellow.

- 3. Utilization of Contingent grant:** Contingent grant can be utilized for the following:

- a) Towards meeting actual train fare and the Daily Allowance during tours of the Research Fellow.
- b) For attending Seminars/Symposia, for presenting accepted papers.
- c) For purchase of chemicals/consumable items/Books/Software required for research work and equipments exclusively required for the research projects.
- d) For purchase of photographic materials and computation charges for the research or thesis work and for stationary and postal charges and cost of typing of research directly connected with the research project.
- e) For undertaking journey in connections with field data collections and or attending courses/ training / seminar / symposium / workshop etc. the research fellows are entitled for Govt. operated Ship 2nd Class/Govt. Operated Express Bus/ Express 3rd AC Class Train by shortest route.

- 4. Report:** The Junior Research Fellow shall present monthly and yearly reports on the progress of his /her work, through the supervisor and the Officer in Charge of Division/Section of ZSI HQ/Regional Centre, in the prescribed proforma.

The JRF shall, at the expiry of the tenure submit a comprehensive report of the work done during the entire period of fellowship, through the supervisor, to Director, Zoological Survey of India in the published work (manuscript, reprints).

**5. Publication/Patent:** The results of research work will be encouraged to publish in peer reviewed journals as well as other popular forms of scientific documentation at the discretion of the Director, ZSI. Due authorship will be given to all researchers and other team members, who have contributed to research papers and patents. In case of any dispute, the Director, ZSI will resolve it amicably. Due acknowledgement will be given to all funding agencies in all publications arising out of research work conducted at ZSI. The right to commercial exploitation of the results and patent arising out of the investigation will, however, rest exclusively with ZSI.

**6. N.B.**

- a. If a JRF/SRF wishes to leave the fellowship before the end of the tenure, it should be with the prior approval of Director, ZSI.
- b. The JRF/SRF can be terminated, if the Director, ZSI is not satisfied with the progress or conduct of the JRF/SRF.
- c. For the rules regarding selection, payment of funds, utilization of the contingent grant, submission of progress report, tenure, publications and the patents, leave for temporary or paid lectureship research job etc. the general rules applicable to JRFs & SRFs will apply as per rules of MoEFCC.
- d. The Director, ZSI may send whenever considered necessary its officers from HQ for reviewing the work of the fellows and Associates, inspection of accounts, attendance, etc, in ZSI Regional Centres where the Research Fellows are placed.
- e. Any kind of paid or honorary, part-or-full-time employment or private practice even in honorary capacity is not permissible during the tenure of Fellowship.
- f. **The stipend of research fellow is exempt from the payment of income tax under 10(16) of IT Act.**



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Advt. No. 210-3/2022/Tech. (Schrs.)

06.12.2023

**RECRUITMENT OF POST DOCTORAL FELLOW**

**Application Start Date: 06.12.2023**

**Closing Date: 22.12.2023**

Applications are invited from interested and eligible candidates for POST DOCTORAL FELLOWS (PDFs) in Zoological Survey of India in Head Quarter, Kolkata. The position is purely on temporary basis initially for a period of one year and it may be extended for further period(s) based on the requirement and satisfactory performance, however shall be terminated on completion of the project/programme.

Name of the Post	No. of Post	Place of Posting	Educational Qualification	Desirable Qualification	Remuneration
Post Doctoral Fellow	02	HQ, Kolkata	PhD in Zoology/ Life Sciences from a recognized University in India. 3 years of research experience (duration of PhD to be considered as research experience) in a recognized Institution/ University after M.Sc.	Research experience in (Supported by research publications) <b>Molecular Biology:</b> - Isolation of DNA and RNA from cell and tissue lysates. - RT-PCR and gel electrophoresis. - Protein preparation and Western Blot. - Maintaining bacterial colonies. - Isolating and characterizing bacterial strains from animal. - Preparation of selective media for bacterial culture. - Dose determination and dilution of bacterial culture for administration.	Rs. 47,000/- + Admissible HRA (As per rules) per month  Rs. 49,000/- & Rs.54,000/- + Admissible HRA (As per rules) per month in subsequent years based on performance and recommendations of the committee.



				<p><b>Microscopy and Histological Imaging:</b>  - Phase contrast microscopy, Tissue microtomy, cryosectioning, preservation, and staining (Haematoxylin and Eosin).</p> <p><b>Bioinformatics and Biostatistics:</b>  - BLAST program, DNA-protein alignment, Primer designing and sequence submission to NCBI, Paired and unpaired t-tests, Probit Analysis, Regression Models, ANOVA, and Post hoc test using SPSS.</p>	
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**General Instructions:**

1. **Age Limit:** The upper age limit for applying for award of PDF shall be 35 years as on the last date of application. The upper age limit is relaxable up to 5 years in the case of applicants belonging to scheduled Castes/Tribes/ OBC-Non Creamy Layer / Physically Handicapped candidates as per Govt. of India rules.

Candidates who have submitted their PhD thesis awaiting awards are eligible to apply provided if they are selected, they will be considered as SRF till their award of PhD degree and fellowship shall be paid accordingly. Such candidates are required to submit proof of submission of PhD thesis.

2. **Shortlisting Criteria:** Candidates will be shortlisted on the basis of their qualification and experience. Mere possession of qualification and experience may not ascertain the shortlisting of candidates for interview or selection. Although there is an indication for number of vacancy, the Director, ZSI reserve the rights for selection of any number of candidates.
3. **Mode of Interview:** Shortlisted candidates will be informed through email for appearing before an interview committee to be conducted virtually through video conferencing, through a short notice.
4. **Document Verification:** The original certificates and other credentials will be verified at the time of joining and at the time of the verification of original documents (even after selection), if it is found that an attempt has been made by the applicant to wilfully conceal, misrepresent or canvass the facts, such applicant will not be considered for selection and due action will be implemented.

5. **Place of posting:** Selected candidates will be liable to be posted anywhere in the country, including field sites and HQ, regional centres of ZSI and will have to join immediately after their selection.
6. **Application form:** The application form can be downloaded from the Zoological Survey of India website <http://zsi.gov.in>. (Home ➡ EVENTS ➡ Advertisements) Incomplete application and application without supporting documents will be rejected and or not considered. While filling the application, the candidate should provide the correct email Id and Mobile Number, as any further communication will be made through the provided email Id and mobile number only.
7. **Submission of application form:** Candidates should submit the duly filled-in application with self-attested scanned copies of testimonials of educational qualifications, research experience, proof for date of birth etc., along with copies of mark sheets and certificates of all examinations (class 10<sup>th</sup> onwards) and 'No Objection Certificate' from present employer (if employed) to **The Director, Zoological Survey of India, M-Block, New Alipore, Kolkata by Email in a single PDF ([technical@zsi.gov.in](mailto:technical@zsi.gov.in))** super scribed on the subject **Application for the post of PDF** on or before **IST 6:00 pm of 22<sup>nd</sup> December, 2023**. The application received after the deadline shall not be considered and will be rejected.

N.B. The Director, Zoological Survey of India reserves the right of selection or rejection of a candidature including cancellation of the advertisement without assigning any reason.

**Director  
Zoological Survey of India  
Kolkata**



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**ZOOLOGICAL SURVEY OF INDIA**

**APPLICATION FOR THE POST OF POST DOCTORAL FELLOW**

1. Advertisement number :
2. Name in full (in block letters) :
3. Father's /Husband name :
4. Date of Birth :
5. Nationality :
6. Address for correspondence :
7. Email Id :
8. Mobile Number :
9. Whether SC/ST/OBC (attach certificate) :
10. Whether NET/GATE qualified (attach certificate):

Passport photo  
attached here

11. Educational / Professional Qualifications from 10<sup>th</sup> onwards:

Sl. No.	Examination passed	Year	School/College/ University	Subjects	Marks obtained	Percentage of Marks obtained	Remarks/ Rank Holder

12. Research experiences:

Sl. No.	Name of the Post	Name of the Institution/ Organisation	Duration		Title of research Work/ Project
			From	To	

13. Details of Previous Employment, if any:

Sl. No.	Name of the Post	Name of the Institution/ Organisation	Duration		Title of Work
			From	To	

14. Present pay scale, position held, basic pay and total emoluments drawn (if employed):

15. Title of Thesis (attached one Page Summary):

16. List of Publications (Enclose copies of three best scientific publications):

17. Any other relevant information:

### **Declaration**

I hereby declare that all the information furnished above are true to the best of my knowledge and belief. I shall abide by the terms and conditions specified in the project.

**Applicant's signature with date**

## **GENERAL TERMS AND CONDITIONS FOR POST DOCTORAL FELLOW**

- 1. Fellowship:** A Post-Doctoral Research Fellowship will be paid a Fellowship of Rs. 47,000/- per month. Post Doctoral Research Fellowship will be tenable initially for a period of one year. It may be extended further at the discretion of Director, ZSI. In such a case the progress of PDRF would be assessed each year by an Assessment Committee consisting of one external member not below the rank of Professor, Supervisor of the candidate, Officer in Charge of the ZSI Regional Centre (if working in RCs) as members and Director, ZSI or nominated senior most scientist of ZSI as the Chairman. However, the order for extension will be issued by ZSI after having considered by the Assessment Committee's report, together with the detailed progress report duly supported by reprints/preprints/manuscript of the papers published, accepted or communicated. The PDF is expected to publish at least two research papers in SCI journals every year. In case the progress is not considered satisfactory and no publications to the credit of the PDF, further extension may not be considered. The total tenure of PDF is 3 years including the tenure of associateship awarded by MoEFCC/UGC/DST/ ICMAR/ICAR etc.
- 2. H.R.A.:** House rent allowance will be allowed as per the rules of Govt. of India/ ZSI. In no case it should exceed the rates payable to Central Government Employees in that area. The basis for calculating HRA will be the actual stipend of PDF.
- 3. Contingent Grant:** The Contingent grant is Rs. 20,000/-P.A.
- 4. Utilization of Contingent grant:** Contingent grant can be utilized for the following:

  - a) Towards meeting actual train fare and the Daily Allowance during tours of the Research Fellow.
  - b) For attending Seminars/Symposia, for presenting accepted papers.
  - c) For purchase of chemicals/consumable items/Books/Software required for research work and equipment exclusively required for the research projects.
  - d) For purchase of photographic materials and computation charges for the research or thesis work and for stationary and postal charges and cost of typing of research directly connected with the research project.
  - e) For undertaking journey in connections with field data collections and or attending courses / training / seminar / symposium / workshop etc. the research fellows are entitled for Govt. operated Ship 2nd Class/Govt. Operated Express Bus/ Express 3rd AC Class Train by shortest route.
- 5. Conditions for the Award:** The acceptance of Fellowship should be communicated by the Candidate to the Director/Head of the Regional Centres of Zoological Survey of India under whom the Fellowship is assigned, within a month of the issue of the provisional letter of award of the Fellowship. If the joining report and the Surety Bond duly executed on the form attached to these rules are not received within the specified period without any valid reason, the offer of fellowship will be withdrawn. Any breach of the conditions of the Surety Bond will make both the Fellow and the Surety jointly and severally liable to refund the amount of fellowship paid. The fellowship will take effect from the date the Fellow joins the scheme.

- 6. Report:** The Post-Doctoral Research Fellow shall present monthly and yearly reports on the progress of his /her work, through the supervisor and the Officer in Charge of Division/Section of ZSI HQ/Regional Centre, in the prescribed proforma.

The PDF shall, at the expiry of the tenure submit a comprehensive report of the work done during the entire period of PDFship, through the supervisor to Director, Zoological Survey of India in publishable form (manuscript, reprints etc.).

- 7. Publication/Patent:** The results of research work will be encouraged to publish in peer reviewed journals as well as other popular forms of scientific documentation at the discretion of the Director, ZSI. Due authorship will be given to all researchers and other team members, who have contributed to research papers and patents. In case of any dispute, the Director, ZSI will resolve it amicably. Due acknowledgement will be given to all funding agencies in all publications arising out of research work conducted at ZSI. The right to commercial exploitation of the results and patent arising out of the investigation will, however, rest exclusively with ZSI.

**8. N.B.**

- a. If a PDF wishes to leave the Fellowship before the end of the tenure, it should be with the prior approval of Director, ZSI. The fellowship can be terminated, if the Director, ZSI is not satisfied with the progress or conduct of the Research Associate/PDF.
- b. The Director, ZSI may send whenever considered necessary its officers from HQ for reviewing the work of the fellows and Associates, inspection of accounts, attendance, etc, in ZSI Regional Centres where the Research Fellows/Associates are placed.
- c. Any kind of paid or honorary, part-or-full-time employment or private practice even in honorary capacity is not permissible during the tenure of Fellowship/Associateship.
- d. The stipend of research fellow/associate is exempt from the payment of income tax under 10(16) of IT Act.**