

Advertisement No.: 35/2023

Recruitment for the post of “Project Associate-I / Junior Research Fellow (JRF) and Field Assistant” under funded project

Indian Institute of Science Education and Research (IISER) Tirupati is a premier autonomous Institution established by the Ministry of Education, Government of India, for the promotion of high quality science education and research in the country.

The Institute invites applications from Indian nationals for the following positions on contract basis:

Name of the post	Project Associate-I / Junior Research Fellow (JRF) and Field Assistant
Name of the project	Multiple Projects Description <i>Avian malaria project (30520066):</i> This project attempts to understand patterns of disease prevalence in wild birds, in the mountains of Western Ghats. <i>Acoustics and genetics project (30223144):</i> This project examines correlations between acoustic and genetic differences in populations of birds across mountains <i>Shola bird ecology project (30422123):</i> This project examines the vegetation structure of habitats to understand features that permit birds to inhabit an area but not other Roles: Based on the above projects, positions are based on the following roles: <ol style="list-style-type: none">1) Bird handling - capture birds in different forest areas, collect morphometry data, collect blood samples, release the bird minimising handling time and stress.2) Vegetation data collection and analyses - collect data with traditional ecological methods and compare with modern techniques using 360 camera and LiDAR3) Lab work - process large numbers of blood samples collected on field: extract DNA, run PCR, collate Sanger sequencing data, conduct preliminary phylogenetic analyses All projects involve long durations of field/lab work, while working in tough conditions to capture and collect blood samples from birds https://www.iisertirupati.ac.in/faculty-details/?faculty_id=Bio-8&id=2124
Funding Agency	MoEFCC, SERB-CRG, National Geographic -Shola Bird Ecology
Principal Investigator	Dr. Robin Vijayan
Project Code	30520066, 30223144, 30422123

Minimum Qualifications	<p><u>Avian malaria Project (30520066):</u></p> <p><u>Project Associate-1/Junior Research Fellow</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none">• Master's Degree in natural sciences. <p><u>Desirable:</u></p> <ul style="list-style-type: none">• At least 60% or equivalent grade in Masters.• Experience conducting fieldwork for over one year.• Bird handling experience with mist-netting and bird handling experience with wild birds is mandatory.• Experience managing a field team in remote locations.• Candidates with a valid 4-wheeler driving license and experience. <p><u>Acoustics and Genetics Project (30223144):</u></p> <p><u>Project Associate-1/Junior Research Fellow</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none">• Master's Degree in natural sciences. <p><u>Desirable:</u></p> <ul style="list-style-type: none">• At least 60% or equivalent grade in Masters.• Experience conducting fieldwork for over one year.• Candidates with a valid 4-wheeler driving license and experience.• Bird handling experience with mist-netting and bird handling experience with wild birds is mandatory• Experience with recording bird song.• Experience managing a field team in remote locations. <p><u>Field Assistant:</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none">• B.Sc. Degree <p><u>Desirable:</u></p> <ul style="list-style-type: none">• At least 60% or equivalent grade in B.Sc. Degree.• Experience conducting fieldwork for over one year• Experience with working on wild Birds.• Laboratory experience handling at least 100 samples (can include DNA extraction, PCRs) with Sanger sequence alignment and phylogenetic tree-building experience.• Candidates with a valid 4-wheeler driving license and experience.
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	<p><u>Shola Bird Ecology Project (30422123):</u></p> <p><u>Field Assistant :</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none"> ● B.Sc Degree <p><u>Desirable:</u></p> <ul style="list-style-type: none"> ● At least 60% or equivalent grade in B.Sc. Degree. ● Bird handling experience with mist-netting and bird handling experience with wild birds is mandatory ● Experience with recording bird song. ● Experience with collecting vegetation data (at least 100 plots), and experience conducting multivariate analyses with such data ● Experience conducting fieldwork for over one year ● Candidates with a valid 4-wheeler driving license and experience.
Fellowship	<ul style="list-style-type: none"> ● Project Associate-I / Junior Research Fellow: Candidates who have qualified any of the national level test like CSIR / UGC – NET / GATE etc. with valid score in score card are eligible for remuneration of Rs. 31000/- + 8% HRA per month (Consolidated). ● Project Associate-I: - Rs. 25,000/- + 8% HRA per month (Consolidated) for the candidate who possess only minimum qualification ● Field Assistant: Rs.20,000/- + 8% HRA per month (Consolidated)
No. of post	<p>Two (2) - Project Associate-I /JRF (Avian Malaria and Acoustics & genetics)</p> <p>Three (3) - Field Assistant (1- Acoustics & genetics and 2- Shola Bird Ecology).</p>
Tenure	The position is temporary for a period of six months and renewable, subject to satisfactory performance for a maximum of three years. The position is co-terminus with the project.
Age	<p>Project Associate-I/ Junior Research Fellow (JRF) - Not more than 35 years as on the closing date of advertisement.</p> <p>Field Assistant – Max 50 Years</p>
Last date	5.00 P.M. on 25 August, 2023

How to Apply:-

1. Applicants should send their application by online form <https://forms.gle/nuoPdHjPzWckdVD87> on or before the last date i.e. **25 August, 2023 by 5.00 P.M.** No other application form will be accepted.
2. All shortlisted candidates will be intimated by email, and can attend the interview scheduled to be held on **30 August, 2023 at 9.00 A.M. (Tentative) at IISER Tirupati and hybrid mode.**
3. The print out of the application form sent by email signed and dated by the applicant along with recent passport size photograph and photocopies of relevant certificates and other testimonials in support of age, qualification, experience etc. would be collected at the time of interview. Applicant must bring all the original certificates at the time of interview for the purpose of verification, along with one set of photocopies.

GENERAL INFORMATION / DETAILS ABOUT THE POST

1. Appointment is purely temporary and will terminate automatically without any notice or compensation on termination of the research project.
2. The appointed person shall have no claim of appointment / absorption in Funding Agency or in IISER Tirupati.
3. Appointment of the applicant will be governed by the terms and conditions of the funding agency particularly applicable to the said project.
4. The qualification prescribed should have been obtained from recognized Universities / Institutions.
5. The prescribed educational qualifications are the bare minimum and mere possession of same does not entitle candidates to be called for interview. Where number of applications received in response to this advertisement is large, it will not be convenient or possible to interview all the candidates. Based on the recommendations of the Screening Committee, the Project Leader may restrict the number of candidates for the interview to a reasonable limit after taking into consideration qualifications and experience over and above the minimum prescribed in the advertisement. Therefore, it will be in the interest of the candidates, to mention all the qualifications and experience in the relevant field at the time of applying.
6. No TA/DA will be admissible for appearing for the interview.
7. Selected candidates will have to join duty immediately on receipt of the offer.
8. No interim enquiries / correspondence / communication of any sort will be entertained on the matter.
9. Canvassing in any form and / or bringing any influence, political, or otherwise, will be treated as a disqualification for the post applied for.
10. Candidate selected for this position can also apply for the regular PhD program of IISER Tirupati, provided they satisfy eligibility criteria.