



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

(An Autonomous Institute under Ministry of Education, Govt. of India)

Transit Campus: Sree Rama Engineering College Campus, Karakambadi Road,
Mangalam B.O., Tirupati – 517 507, Andhra Pradesh, India.

Advertisement No.: 12/2021

Recruitment for the post of “Project Fellow / Assistant”

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

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

Name of the post	Project Fellow/Assistant
Name of the project	Machine learning in mass spectrometry: Developments of intraoperative cancer diagnostics. Description: This is a part of our highly interdisciplinary collaborative project on the development of cancer diagnostics using mass spectrometry and machine learning. The candidate needs to employ his/her machine learning skills on the complex pattern of the omics data, which has already been recorded in our laboratory for both training and validation sets to discriminate cancer and normal tissue specimens.
Funding Agency	SERB – Ramanujan Fellowship Research Grant
Principal Investigator	Dr. Shibdas Banerjee
Project Code	30218025
Minimum qualifications	Master/Bachelor/Diploma in artificial intelligence/ machine learning/ deep learning/ data science/ statistics/ computer science/ mathematics or equivalent degrees. Desirable: The candidate should have good knowledge in machine learning/deep learning/SVM/python/R/coding/data science/Lasso statistics, <i>etc.</i>
Fellowship	<ul style="list-style-type: none">• Project Fellow: Candidates with Master’s degree or Bachelor in Engineering/Technology from a recognized university or equivalent are eligible for remuneration of Rs. 31000/- + 8% HRA per month (consolidated).• Project Assistant: Others will be eligible for Rs. 20,000/- + 8% HRA per month or as according to Gol norms, based on their academic qualification.
Number of posts	One (1)
Tenure	The position is temporary for an initial period of one year and renewable after one year subject to satisfactory performance. The position is co-terminus with the project.
Age	Not more than 35 years as on the closing date of the advertisement.
Last date of application	5.00 P. M. on 10th April, 2021



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HOW TO APPLY:

1. Interested candidates should send the application by email in the prescribed format available below this advertisement by email (convert into PDF Format) addressed to shibdas@iisertirupati.ac.in on or before the last date i.e. 5.00 PM. on **10th April, 2021**. Please mention the name of the Post and Post Code (e.g. **Project Fellow/Assistant: 12/2021**) in the subject line of the email.

Note: (Sending only resumes/CV by email will not be considered as complete application).

2. List of shortlisted candidates for further selection process will be notified through email only. Therefore, please mention active Mobile Number and Email ID in the application form.

(Tentative Interview date: April 21, 2021 via virtual mode).

3. Recent passport size photograph and photocopies of relevant certificates and other testimonials in support of age, qualification, experience etc. will be collected at an appropriate stage.
4. The applicant will be responsible for the authenticity of information submitted / documents and photograph. It is the responsibility of the candidate to assess his / her own eligibility to the post(s) for which he / she is appearing in accordance to this advertisement. If it is detected at any time in future, during the process of selection or even after appointment that the candidate was not eligible as per the prescribed eligibility criteria in this advertisement, which could not be detected at the time of selection for whatsoever reason, his/her candidature/appointment shall be liable to be cancelled/terminated immediately.

GENERAL INFORMATION / DETAILS ABOUT THE POST

1. The post will offer the candidate opportunities to explore machine learning/statistics in the development of new MS-based diagnostic technologies. Please note that the candidate will not be trained for machine learning, but he/she is expected to employ his/her knowledge in machine learning to analyze mass spectral data collected in our laboratory to develop some MS-based diagnostics.
2. The appointment is purely temporary and will automatically terminate without any notice or compensation on the research project's termination.
3. The appointed person shall have no claim of appointment/absorption in IISER Tirupati.
4. The appointment of the applicant will be governed by the terms and conditions of the Institute, particularly applicable to the said project.
5. The qualification prescribed should have been obtained from recognized Universities/Institutions.
6. The prescribed educational qualifications are the bare minimum, and mere possession of the same does not entitle candidates to be called for the interview. Where the 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 screening committee's recommendations, the project leader may restrict the number of candidates for the interview to a reasonable limit after taking into consideration



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qualifications and experience over and above the minimum prescribed in the advertisement. Therefore, it will be in the interest of the candidate to mention all the qualifications and experience in the relevant field at the time of applying.

7. No TA/DA will be admissible for appearing for the interview.
8. Selected candidates will have to join duty immediately on receipt of the offer.
9. No interim inquiries/correspondence/communication of any sort will be entertained on the matter.
10. Canvassing in any form and/or bringing any influence, political or otherwise, will be treated as a disqualification for the post applied for.
11. Candidates selected for this position can also apply for the regular PhD program of IISER Tirupati, provided they satisfy eligibility criteria.

Advt. No.12/2021/IISER-T/Rect./16.03.2021

**Sd/-
Registrar**