

No.: Advt/ IITT/CSRC/24-25/48

Date:11-02-2025

Applications are invited from eligible Indian nationals for the post of **Postdoctoral Fellow** in a time bound GTRE sponsored project undertaken in the Department of Physics.

Temporary Position	Postdoctoral Fellow
Essential Qualification	PhD in Physics/ Astronomy or Computer Science
Project No.	PHY2425003SETIKHAI
Project Title	Machine Learning to Uncover Megastructures in Transit Light Curves
Sponsoring Agency	SETI Institute
No. of positions	1
Consolidated monthly Salary	58000 + HRA (as per the norms)
Principal Investigator (IIT)	Dr. Khaire Vikram Kisan
Department	Physics
Project Duration	1 year
Brief Project Description and Nature of Work	Using machine learning to train neural networks to determine the shape of transiting objects from the stellar light curves.
Age Limit	35
Last date of application	26-02-2025
Additional Note	The position may be extended for an additional 6–12 months based on funding availability and candidate performance. It includes a generous international travel grant.
Application Link	https://forms.gle/RvH6Fg8p8L4nyvEP7

Eligible candidates may send their **detailed CV** specifying their qualifications and experience with scanned copies of marksheets and certificates from X class to date. A Statement of purpose (Why they are interested in this project topic?) with maximum of one page is also to be submitted by email. All files should be clubbed as a single PDF File.

The shortlisted candidates will be informed by **E-mail only**. Selection will be based on the qualifications, experience and in-person interview at IIT Tirupati. **No TA/DA** for attending the interview. The interview date will be notified to the shortlisted candidates by email.