

IIIT Hyderabad Invites Applications for the Position of Junior Research Fellow (JRF) at Machine Learning Lab, IIIT Hyderabad

Advertisement No: IIITH/RnD Recruitments/05/2024

Application Start Date: 01-05-2024

End Date: 31-05-2024.

The International Institute of Information Technology Hyderabad is a world-class institution, where the passion for learning, teaching, research, problem solving, and making a difference is celebrated. With emphasis on research, the institute has large research centers with PhD & MS by Research students working on wide ranging topics. The institute offers B. Tech, MS by Research, Dual Degree (B. Tech + MS), M. Tech and PhD programs. IIIT-H provides a flexible environment that facilitates active industry collaborations for conducting research.

Principal Investigator: Dr. Naresh Manwani

Webpage: <https://www.iiit.ac.in/people/faculty/naresh.manwani/>

Project title: Robust Learning Using Noisy Weak Supervision

Project funding: Science and Engineering Research Board, Govt. of India.

Project Description: In this project, we aim to build robust deep models in the presence of noisy weak supervision (e.g., learning with bandits feedback, learning with partial labels, and learning with pairwise similarities etc.). We plan to develop end-to-end algorithms which can learn robust classifiers in the presence of noisy supervision in these settings. We also plan to build generative models (conditional GAN, diffusion model etc.) using noisy weakly supervised data.

Position with Academic qualifications and remuneration:

Title	Manpower Positions	Essential Qualifications & Age Limit	Additional Qualifications	Monthly Emoluments
Junior Research Fellow (JRF)	01	Graduate or Post Graduate Degree in CSE or related degrees. Scholars qualified with National Eligibility Tests (CSIR-UGC-NET) and/or GATE.	Graduates with background in Machine Learning and Artificial Intelligence	Rs.31000

Appointment Duration: 3 years (Initial appointment as JRF for a period of 2 years and Extendable for 1 year as SRF based on Performance)

Emoluments: As per the Manpower norms mentioned in the sanctioned order issued by the funding body.

PhD Enrolment: Based on performance, selected candidate would be offered the chance to enroll in Ph.D. program at IIIT-H. However, Institute admission procedure is to be followed in this regard.

To Apply: Interested candidates can email CVs to hiring.projectstaff@iiit.ac.in, with subject line by RoLWeaS_JRF name.

Shortlisted Criteria: Candidates will be shortlisted based on their academic qualifications and experience and will be invited for interviews after March 30, 2024.