

भारतीय प्रौद्योगिकी संस्थान मण्डी  
कमान्द - 175075, जिला - मण्डी,  
हिमाचल प्रदेश, भारत



**Indian Institute of Technology Mandi**  
**Kamand - 175 075, District - Mandi,**  
**Himachal Pradesh, India**

**No. IITM /SRIC/Project No .IITM /DST/MTH/319**

**Date: 08/03/2023**

**Advertisement No.: IITM/SRIC/Project No. IITM /DST/MTH/319**

Applications from Indian nationals are invited under the following project on temporary basis with consolidated salary. The renewal of services for few months/a year or up to the duration of the project will be based on satisfactory performance.

<b>Title of the Project</b>	Sustainable Irrigation Advisories for Mid-Himalayan Farmers using Smart Satellite Image Analytics.	
<b>Funding Agency</b>	DST	
<b>Name(s) of the Project Investigator(s)</b>	Dr. Shyam Kumar Masakapalli, Associate Professor, School of Biosciences & Bioengineering, IIT Mandi.	
<b>School/Center</b>	School of Biosciences & Bioengineering	
<b>Duration of the Project</b>	In months: 12 months	End date: 08.03.2024
<b>Post (s) - 2</b>	<b>Consolidated Pay-slab/ Salary</b>	<b>Qualifications</b>
Project Associate-I/JRF (Computer Science/IT)	Rs 31,000/- p.m. plus HRA as applicable	Eligibility: B.Tech in Computer Science and Engineering/IT or equivalent degree with 60% in relevant subject. Valid GATE score/National eligibility test.  <b>Desirable:</b> M.Tech in Computer Science and Engineering/IT or equivalent degree with 60% in relevant subjects.  Experience in application development and server maintenance (full stack developer preferred), excellent communication skills, ability to work both independently and as part of a multidisciplinary team, willingness to learn new technologies.
Project Associate-I/JRF (Machine Learning/Computer Vision)	Rs 31,000/- p.m. plus HRA as applicable	Eligibility: B.Tech in EE/ ECE/ CSE/ IT or equivalent disciplines with 60% in relevant subjects; Documented evidence (research projects/ papers/

		<p>work experience) in the area of Machine Learning or Computer Vision. Valid GATE score/National eligibility test.</p> <p><b>Desirable:</b> Strong programming skills in Python; experienced in image processing using deep learning; excellent communication skills, ability to work both independently and as part of a multidisciplinary team; willingness to travel to and work in agricultural field environment. Candidates should be willing to work in CO-PIs lab in Punjab/Mohali depending on the needs of the project.</p>
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The candidates who are interested to apply for the above post should download application form available on website of IIT Mandi ([www.iitmandi.ac.in](http://www.iitmandi.ac.in)) and submit the duly filled form with complete CV (having personal details, academic qualifications, research experience, publications, name, affiliation and mobile number, email address of two referees, information regarding educational qualifications indicating percentage of marks/division, details of work experience, etc. as pdf attachment **by e-mail with advertisement No. on the subject line to the PI Dr. Shyam Kumar Masakapalli at email id: [shyam@iitmandi.ac.in](mailto:shyam@iitmandi.ac.in)**

IIT Mandi reserves the right to fix higher criteria for shortlisting of eligible candidates from those satisfying advertised qualifications and requirement of the project post. The name of the shortlisted candidates will be either displayed on website or communicated individually along with **the offline/online interview details.**

**Relaxation of marks may be granted to the SC/ST Candidates as per Gol norms. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing Gol rules/ norms. The last date for submitting the completed applications by email is 27<sup>th</sup> March 2023 by 5.00 p.m.**