

No. IITM /SRIC/Project No IITM/NMHS/MoEF/ASK/502

Date: 18.11.2024

Advertisement No.: IITM/SRIC/Project No IITM/ NMHS/MoEF/ASK/502

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. The initial appointment will be for a period of 3 years or the end of the project (whichever is earlier).

Title of the Project	Cost-effective safety solution for low-rise masonry dwellings subjected to rockfall impact induced by landslides: laboratory testing, field demonstration and development of guidelines	
Details about the Project	The project involves conducting field surveys of masonry structures in the Kinnaur and Lahaul & Spiti districts of Himachal Pradesh. Based on laboratory-scale physical modeling of rockfall impacts on masonry walls conducted at IIT(ISM) Dhanbad and field data, numerical modeling will be carried out to develop cost-effective solutions for masonry buildings. The student will liaise with IIT Mandi and IIT (ISM) Dhanbad and will be jointly supervised by Dr. Ashutosh Kumar and Dr. Sanket Nayak.	
Funding Agency	National Mission on Himalayan Studies (NHMS), Ministry of Environment, Forest and Climate Change, Govt. of India.	
Name(s) of the Project Investigator(s)	Dr. Ashutosh Kumar from IIT Mandi and Dr. Sanket Nayak from IIT (ISM) Dhanbad	
School/Center	School of Civil and Environmental Engineering	
Duration of the Project	In months: 36 months	End date:08/08/2027
Post (s)	Consolidated Pay-slab / Salary	Qualifications
Junior Research Fellow (The candidate will have the opportunity to join the PhD program as per the norms of IIT Mandi.)	Rs 37,000 per month for 2 years as JRF and Rs 42,000 per month for 3 rd year (Including HRA)	B.Tech. in Civil Engineering and GATE qualified with valid GATE score Desirable Criteria- M.Tech. in Structural Engineering/Geotechnical Engineering; Knowledge of Abaqus, masonry structures, Dynamics

भारतीय प्रौद्योगिकी संस्थान मण्डी
कमान्द – 175075, ज़िला – मण्डी,
हिमाचल प्रदेश, भारत



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

The candidates who are interested to apply for the above post should submit their details and CV online. The last date for submitting the completed applications by using the Google Form ([Click Here](#)) is December 25th, 2024 by 5.00 p.m.

The CV may have personal details, academic qualifications, research experience, publications, name, affiliation and mobile number, and name and email address of two referees. IIT Mandi reserves the right to fix higher criteria for shortlisting eligible candidates from those satisfying advertised qualifications and requirements of the project post. The name of the shortlisted candidates will be either displayed on the website or communicated individually along with the offline/online interview details.

Relaxation of marks may be granted to the SC/ST Candidates as per GoI norms. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing GoI rules/ norms. In case any clarification is required on eligibility regarding the above post, the candidate may contact at email id: ashutosh@iitmandi.ac.in