



राष्ट्रीय प्रौद्योगिकी संस्थान मिज़ोरम
NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM

(An Institution of National Importance under Ministry of Education, Govt. of India)

चलत्लांग, आइज़ोल, मिज़ोरम / CHALTLANG, AIZAWL, MIZORAM – 796 012

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F.No.:NITMZ/RP - 42/2026/ 1915

Date: 17 SEP 2026

ADVERTISEMENT FOR STUDENT INTERNSHIP

Applications are invited from eligible candidates for the position of student internships purely on **temporary/contractual** basis under the Project Titled "**Bhu-AapdaMargdarshak: An Autonomous Multi-modal Aerial-Terrestrial Framework for Rapid Post Landslide Assessment and Response System**", funded by NMICPS TiHAN Foundation - IIT Hyderabad. [Ref: TiHAN-IITH/FF/2026-27/010 dated 3rd June 2026]

Post	Student Intern
No. of Post(s)	03 (Three)
Name of the Project	Bhu-AapdaMargdarshak: An Autonomous Multi-modal Aerial-Terrestrial Framework for Rapid Post Landslide Assessment and Response System
Tenure of Project	12 Months
Tenure of the position	02 Months to 06 Months and may be extended till completion of Project based on periodic performance evaluation
Principal Investigator (PI)	Dr. Tanmay Kumar Behera, Assistant Professor, Department of Computer Science and Engineering, NIT Mizoram
Essential Qualification	Students pursuing/completed B.Tech/B.E./M.Tech/M.E. or equivalent degree in Computer Science and Engineering, or Mechanical Engineering, Mechatronics Engineering or any related discipline
Desirable Skills	RS data collection, HDF5/GeoTIFF data handling, QGIS or GDAL-based geospatial processing, UAV hardware and assembly, hands-on experience with hexacopter airframe integration, motor-ESC calibration, flight controller configuration using Mission Planner or QGroundControl (Pixhawk/ArduPilot), gimbal setup, payload wiring, DGCA Digital Sky operator registration is preferred, proficiency in Python and PyTorch, knowledge of semantic segmentation architectures, loss function engineering for class-imbalanced tasks, and model evaluation metrics, edge deployment experience with TensorRT FP16/INT8 model optimization, ONNX export, inference profiling on NVIDIA Jetson platforms, and basic C++/CUDA awareness for deployment pipelines. Prior experience with any aerial or embedded vision project, hands-on Tools like Gazebo, ROS, a publication record, or an ongoing thesis in related areas will be given preference.

Consolidated Salary	Monthly stipend of Rs. 6,000 (for part-time Interns), Rs. 8,000 (for full-time B.E./B.Tech), and Rs. 12,000 (for full-time M.E./M.Tech Interns) subject to availability of Fund
Job Requirements	UAV data collection at disaster sites, UAV components assembly with maintenance, deep learning model training and evaluation using PyTorch, preparation and preprocessing of satellite and UAV image datasets (HDF5, GeoTIFF formats), Edge Deployment experiments on NVIDIA Jetson hardware, Design of Environment in 3D using Gazebo, and deployment of the same using ROS, etc. Hands-on experience with Python and basic knowledge of convolutional neural networks is required.
Place of Work	National Institute of Technology Mizoram, Chaltlang, Aizawl.

How to Apply:

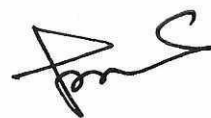
Interested and eligible candidates may send their application along with a detailed CV, copies of relevant certificates/marksheets, and any other relevant testimonials (if any) to Principal Investigator (tanmay.cse@nitmz.ac.in) on or before 30th September 2026. Applications received after the deadline will not be considered.

Selection Process:

Shortlisted candidates will be called for a walk-in interview/online interview before a duly constituted Selection Committee. No TA/DA will be paid for attending the interview. The date, time and venue of the interview will be announced in the website or will be communicated to shortlisted candidates by email.

Note:

1. The position is purely temporary and co-terminus with the project; it does not confer any right to regular employment at NIT Mizoram.
2. The Institute reserves the right to cancel/postpone the recruitment process, or not to fill the post, without assigning any reason.
3. There shall be quarterly reviews of the selected candidate's performance. If the performance is deemed unsuitable at any time, the appointment shall be terminated, and no fellowship will be granted.
4. Age relaxation and reservation will be as per Government of India norms.
5. Canvassing in any form will lead to disqualification.



(Prof. PABITRA KUMAR BISWAS)
Dean (R&C)
National Institute of Technology Mizoram