



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY UNA**  
**HIMACHAL PRADESH**  
**An Institute of National Importance under MoE**  
Saloh, Una -177209  
[www.iiitu.ac.in](http://www.iiitu.ac.in)

**MRITYUNJAY SINGH**  
**ASISSTANT PROFESSOR (SoC)**

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Date: 24' Jan. 2024

**TO WHOM IT MAY CONCERN**

This is to certify that **Mr. Aryam**, B. Tech (III year) from JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, Solan has successfully completed the summer internship from **January 2-22, 2024** under my supervision. He has done remarkable work on the topic **“Bi-Directional LSTM Model for Accurate and Real-Time Landslide Detection: A Case Study in Mawiongirim, Meghalaya, India”**. He has gained knowledge on the data collection and analysis using IoT, especially for the Himachal Pradesh. During this period, he worked on a data collection and analysis and he is quite comfortable with it. I wish him a grand success in future endeavors.

  
**(Dr. MRITYUNJAY SINGH)**

**Name and Signature of Supervisor**