

भारतीय प्रौद्योगिकी संस्थान मण्डी
कमान्द - 175 075, ज़िला - मण्डी,
हिमाचल प्रदेश, भारत



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

Dr. Narendra Kumar Dhar
Assistant Professor,
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Date: February 20th, 2026

TO WHOM IT MAY CONCERN

Mr. Adit Jain (B.Tech Computer Science and Engineering with specialization in Artificial Intelligence and Machine Learning, Roll No. RA2311026030176), a student of SRM Institute of Science and Technology (SRM IST), Delhi NCR, successfully completed his internship from 11 December 2025 to 9 January 2026, during which he worked on the projects “Digital Touch” and “Imitation Learning of Robot Manipulator through Human Demonstration.” He explored state-of-the-art methodologies in temperature sensing using triboelectric sensors and applied unsupervised machine learning techniques such as K-Means, DBSCAN, Gaussian Mixture Models (GMM), and spectral clustering for hand gesture recognition and temperature data classification (Cold, Normal, Hot). He contributed to data collection, preprocessing, feature engineering, model training, evaluation (Silhouette Score, Davies–Bouldin Index), and optimization to improve robustness and classification accuracy. His work demonstrated strong technical proficiency, analytical skills, and dedication toward research and development activities.

I wish him success in all the future endeavours.

(Narendra Kumar Dhar)