



Certificate of Internship

Serial No: IDEAS-TIH/INTERN/2026/1889

Date: 15/08/2026

This is to certify that the intern whose details are provided below has successfully completed the internship at IDEAS – Institute of Data Engineering, Analytics, and Science Foundation, Indian Statistical Institute, Kolkata.

INTERN NAME	ARPAN MUKHERJEE		
COURSE PURSUING	B.SC IN STATISTICS		
COLLEGE/UNIVERSITY	RAMAKRISHNA MISSION RESIDENTIAL COLLEGE (AUTONOMOUS)		
INSTITUTE/UNIVERSITY REGISTRATION ID	A03-1112-0230-25		
ORGANIZATION DETAILS	IDEAS - Institute of Data Engineering, Analytics, and Science Foundation, Indian Statistical Institute, Kolkata		
INTERNSHIP PROGRAM	10-Week Summer Internship Programme in Data Science 2026		
INTERNSHIP DURATION	18.05.2026 to 31.07.2026 (10 Weeks)		
TITLE OF THE PROJECT / INTERNSHIP WORK	Flood evacuation Process Using PSO (Particle Swarm Optimization) Algorithm and Flood Prediction Using Random Forest)		
MENTOR NAME:	Ms. Sanchaita Chakraborty		
DOMAIN / NATURE OF WORK CARRIED OUT DURING THE INTERNSHIP:	ARPAN MUKHERJEE underwent through a three-week online training on Data Science covering the following topics: Basic Statistics for Data Science, Data Visualization, Introduction to GitHub and Cloud Computing, Data Science Application Development using Streamlit, Machine Learning, LLM Fundamentals, Deep Learning, Computer Vision Overview, Agentic AI, System view of DS, Reinforcement Learning and Communication Skills. After the training, the intern individually completed seven weeks of project work on the topic mentioned above. Over this period, ARPAN MUKHERJEE dedicated approximately 120 hours to this internship, including learning sessions, project discussions, data collection, data analysis, coding, and report writing.		
PROJECT ASSESSMENT / EVALUATION	29 out of 30	PERFORMANCE / GRADE	Outstanding

This internship program was designed in accordance with the UGC guidelines on Internship published in 2023, with the objective of skill development and building research capabilities through learning opportunities.

IDEAS-TIH, ISI Kolkata wishes ARPAN MUKHERJEE for a successful and fulfilling future career.

With Regards,

(AGNIMITRA BISWAS)

Email: ceo@ideas-tih.org

CEO
IDEAS-Institute of Data Engineering,
Analytics And Science Foundation
TIH @ ISI Kolkata

Office address:

6th Floor, R. A. Fisher Bhavan, 203, Barrackpore Trunk Road, Kolkata-700108, INDIA
Phone: +91-6289351800, Email: tihi@isical.ac.in, URL: <https://www.ideas-tih.org>
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