

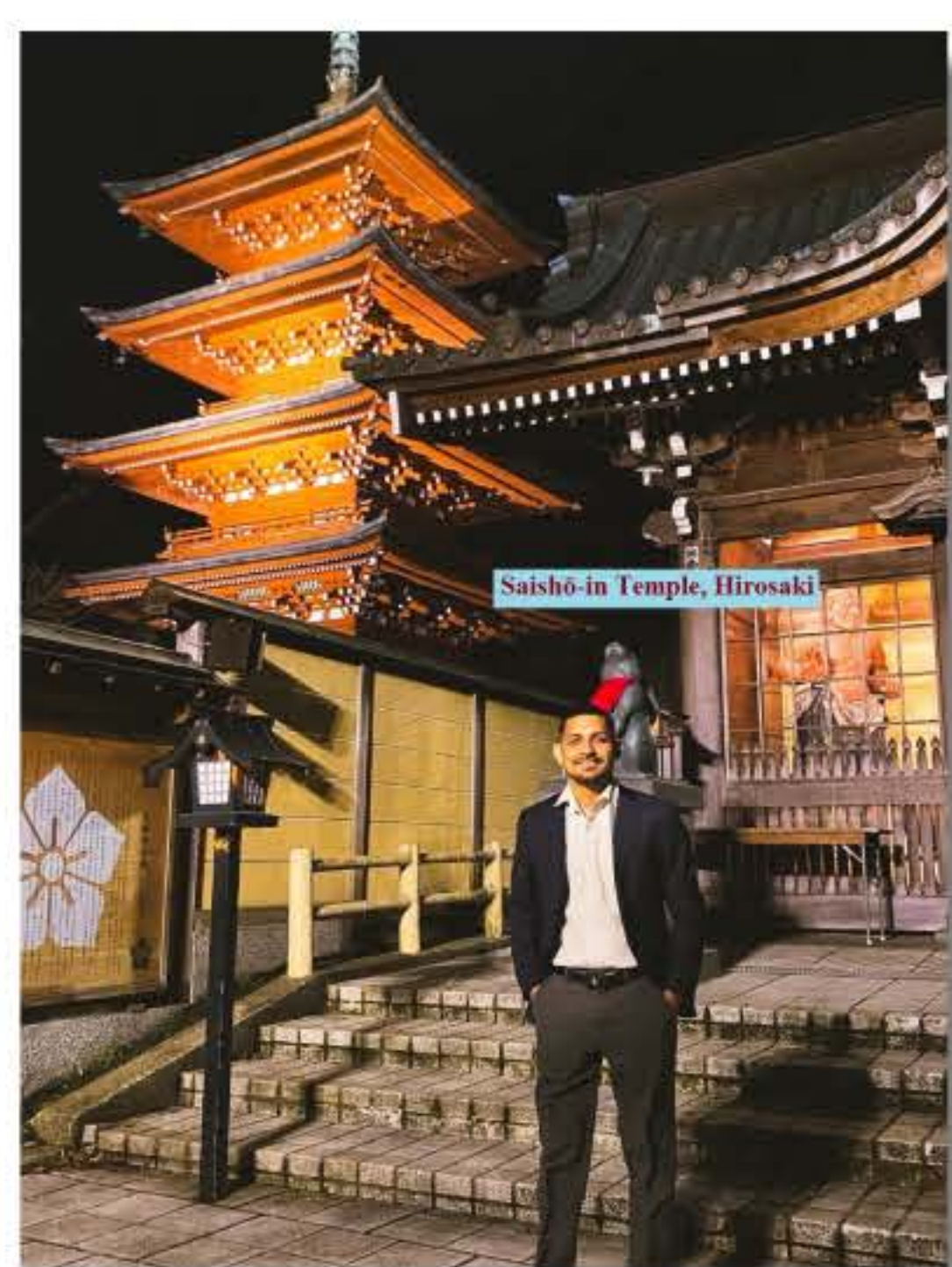


弘前大学
HIROSAKI UNIVERSITY

14-27 April 2025

NEWSLETTER

I am Dipak Kumar Agrawal, a third-year PhD student at the School of Telecommunication and Computer Engineering, SUT. I had the opportunity to visit **Hirosaki University, Japan**, for a short-term research project from 14th to 27th July 2025. During this visit, I worked on the research project titled **"Investigation of the Improvement of Physiotherapy Interventions in Ankle Sprain Patients Using Smart Insoles with AI as a Portable Gait Analysis System"** in collaboration with Dr. Takaaki Ishikawa from the Graduate School of Health Sciences, Hirosaki University.



The visit coincided with Hirosaki's cherry blossom season, making the experience even more special. I visited Hirosaki Castle and Hirosaki Park, where the Sakura trees were in full bloom, and also took part in the lively Sakura Festival. The beautiful scenery and warm local hospitality made the visit truly memorable.



This visit was supported by the **CIA Co-Matching External Funds** program. I'm thankful to Suranaree University of Technology for the funding and to Hirosaki University for the accommodation and research support. The teams from both universities plan to continue working together by publishing the results and starting a larger clinical study. This collaboration aims to improve the use of smart insole and AI technology in physiotherapy and healthcare.