

# MONTHLY BULLETIN

## TURBINE TESTING LAB

### OCTOBER, 2024

Participation in the **6<sup>th</sup> International Conference on Mountains in the Changing World (MoChWo)**, October 4-5 in Hyatt Place, Kathmandu. TTL participated in the conference with 3 presentations related to the works conducted in the lab

- Remote monitoring system for Panauti hydropower station – P. Sapkota, S. Paudal, S. Ghimire, J. Sitaula, S. Chitrakar, H.P. Neopane and B. Thapa
- Recent studies related to signature investigation of faults in hydropower turbines – S. Chitrakar
- Impact of erosion on sustainability of Nepalese hydropower plants – A review – K. Shrestha, B. Thapa and S. Chitrakar



Participation of TTL in MoChWo, October 4-5

**International Symposium on Himalayan Hydropower Development** was held at Wuhan University, China from October 19-22. The program included presentation of the key activities in the Hydro-Himalaya project by NTNU, KU, HUC-ICIMOD and WHU. It also included presentations by various experts in the field of Renewable Energy along with the visit to the HRCHR Laboratory in the University.



During the International Symposium on Himalayan Hydropower Development, October 19-22, Wuhan University, China

2 papers from the research works of TTL published in the proceedings of **8<sup>th</sup> International Conference on Pumps and Fans**, IOP Journal of Physics Volume 2854. Link to the papers: <https://iopscience.iop.org/article/10.1088/1742-6596/2854/1/012086> and <https://iopscience.iop.org/article/10.1088/1742-6596/2854/1/012085>