

# MONTHLY BULLETIN

## TURBINE TESTING LAB

### MARCH, 2026

**Current Research in Hydropower Technologies (CRHT-XIV)** concluded on March 23, 2026. The event consisted of 54 technical presentations in the sector of hydropower and renewable energy technologies. Selected papers will be published in IOP conference series: Earth and Environment Science



Current Research in Hydropower Technologies, CRHT XIV-March 23

TTL hosted a **Strategic Partnership Agreement** during CRHT XIV between KU and NTNU for three key thematic areas: Energy and climate change mitigation, Health systems and Entrepreneurship



The strategic partnership agreement between KU and NTNU



**Installation of the Francis runner** designed by TTL for Nakayama Iron Works Pvt. Ltd. Japan



**Assemble/Disassemble works of the Francis turbine** at TTL in the presence of the technicians from the Waterpower Lab, NTNU

**Increase in the efficiency by up to 15% of a Francis turbine after redesigning of the runner by TTL for Nakayama Iron Works**  
The output power was found to increase from 23.4 kW to 30.1 kW for the same operating condition after the redesigning works performed by TTL