

MONTHLY BULLETIN

TURBINE TESTING LAB

JANUARY, 2022

Francis turbine designed by Turbine Testing Lab and manufactured by Thapa Engineering Industries Pvt. Ltd. under EnergizeNepal program, installed at **Chauri Khola II Micro Hydropower project** (25 kW).

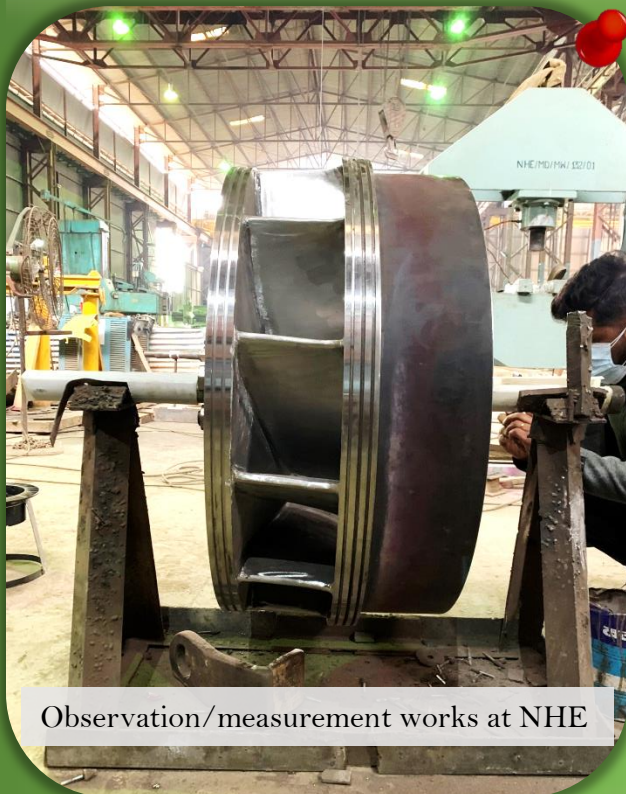


Installation works at Chauri Khola

In-house training Series by TTL

January 2 – Mechanical components of Francis turbine with focus on model testing (Mr. Dadi)

January 16 – Hydraulic design of Francis turbine (Mr. Amul)



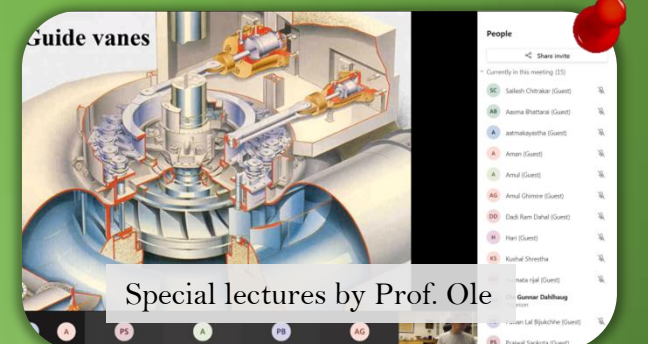
Observation/measurement works at NHE

Special lectures on Design of medium head Francis turbines by Prof. Ole Gunnar Dahlhaug (NTNU) on Jan 19 and Jan 26



In House Training at TTL

Visit to **Nepal Hydro & Electric Ltd** by the researchers Mr. Dadi and Mr. Amul for verifying the runner according to the available drawings of Molung HPP (7 MW) after repair on Jan 17-18. TTL is carrying out the consulting service including the design of the runner for minimizing sediment erosion on this runner.



Special lectures by Prof. Ole