

MONTHLY BULLETIN

TURBINE TESTING LAB

JUNE, 2026

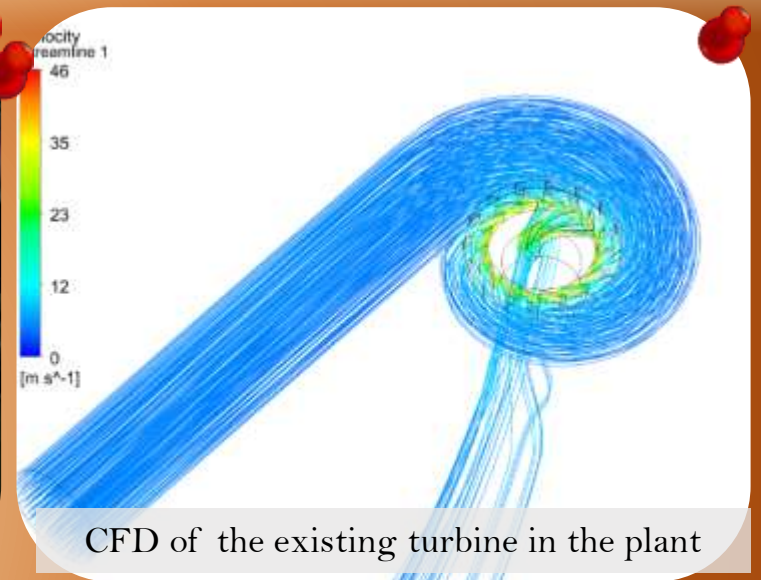
Contract agreement signed between TTL and Multi Energy Pvt. Ltd. to conduct root cause analysis of the vibration problems of Langtang Khola Hydropower Plant. Measurements of vibration, natural frequency and CFD analysis were carried out in the plant.



Vibration measurement of the turbine (June 11)



Measurement of natural frequency of Penstock (June 24-26)

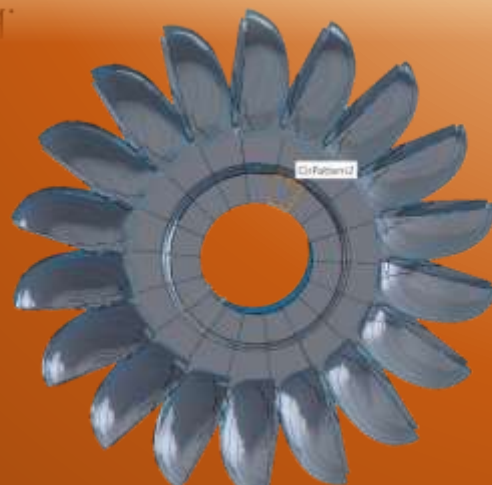


CFD of the existing turbine in the plant

Development of 3D model and drawings of a Pelton runner of Chepe Hydropower in cooperation with Nyano Care Pvt. Ltd.



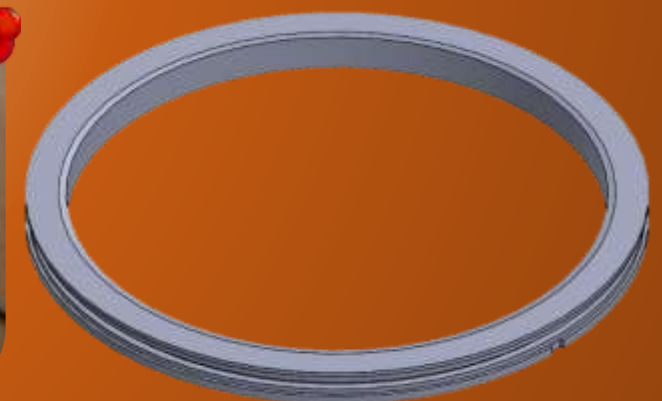
3D scanned geometry in raw format



Final finished model



Reverse engineering of a shaft seal of a Francis turbine of Molung hydropower plant



Participation of TTL in [JunctionX Kathmandu](#) as the Associate Partner