



MONTHLY BULLETIN MARCH, 2019

KETEP Project

- An MoU signed between Kathmandu University, Korea Maritime and Ocean University (KMOU) and Donggu Infra Co. Ltd., Republic of Korea on 17th March
- The representatives were Mr. Yong-Moon Kim, President of Donggu Infra, Hari Prasad Neopane, Associate Professor from KU, and Young-Ho Lee, Professor from KMOU
- Current activity includes design of the RDA test setup

REN-2015

- Project start-up meeting cum Orientation and Project Contract signing program held on 8th March
- Partner agreement with Balaju Yantra Shala and NTNU on 11th March
- Projects officially started from 15th March
- Meeting with the legal advisor of KU, Mr. Sombhojen Limbu for the legal formalities of Turbine Design Services as the spin-off company from TTL on 12th March

CRHT – V organized by TTL

- International Symposium on Current Research in Hydraulic Turbines – V held at Kathmandu University on March 23
- 22 Oral Presentations and 5 Poster Presentations
- The participants were from NTNU, KU and University of Canterbury, New Zealand
- More information about the program in this [link](#)

TTL organized a **talk program** by Mr. Mike Arnaiz, a PhD student from University of Canterbury on 25th March for the topic, 'State of the art in the Micro Hydro Power of New Zealand' at Department of Mechanical Engineering



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Papers presented in **11th International Conference on ASEAN Community Knowledge Networks for the Economy, Society, Culture, and Environmental Stability**, on 31st March from TTL:

- Future Prospects of Hydropower Development in Nepal through Enhancement in R&D Activities of Turbine Testing Lab – Sailesh Chitrakar, Ravi Koirala, Hari Prasad Neopane, Bhola Thapa
- Design of Hydromechanical component for Sustainability of Hydropower Structures: A Case Study of Bifurcation for Daraudi Khola Hydropower Plant, Nepal – Ravi Koirala, Sailesh Chitrakar, Hari Prasad Neopane, Balendra Chhettri
- Impact of variation in design flow of hydropower projects on seasonal imbalance of electricity and financial viability of hydropower projects - Juben Bhaukajee, Hari Prasad Neopane, Suraj Baral
- Numerical analysis on effect of sizes of sand particle on Crossflow turbine - Oblique Shrestha, Hari Prasad Neopane, Bhola Thapa, Mausam Shrestha
- An LCA approach in analyzing environmental sustainability and policy making of a typical micro-hydro power plant in Nepal - Binaya Baidar, Oblique Shrestha, Hari Prasad Neopane
- Effect of Velocity Component on Efficiency of Optimized Design Francis Runner - Krishna Prasad Shrestha ,Bhola Thapa , Ole Gunnar Dahlhaug