

International Symposium on Current Research in Hydropower Technologies, CRHT-IX organized at Kathmandu University

Turbine Testing Lab organized an international symposium on “Current Research in Hydropower Technologies, CRHT” on 9th April, 2019. The symposium was followed by a training program on “Advancement in Turbine and Hydropower Technologies, ATHT-II” on 10th April, 2019. Like previous year, this event was sponsored by International Center for Hydropower, ICH.

The inaugural program was conducted at CV Raman Auditorium. The event started with the welcome speech by Faculty Incharge of TTL, Dr. Biraj Singh Thapa followed by a presentation on “Recent and Ongoing activities of TTL” by Dr. Sailesh Chitrakar, the senior researcher at TTL. Mr. Tom Solberg, MD of ICH, Norway gave remarks about the activities of ICH. It was then, followed by keynote speeches from Dr. Jeong-Hwan Kim, MD of Korea Marine Equipment Research Institute, Mr. Ishwor Man Deshar, Plant Manager of Himal Power Ltd. and Mr. Kjell Repp, Chairman of the Board of Director of ICH. The session ended with remarks by Prof. Subodh Sharma, Registrar of KU.

In this symposium, the technical session contained 30 presentations from four Universities, which was divided into three parallel sessions at CV Raman Auditorium, Senate Hall and Mini Auditorium. The topics of the presentations were categorized into Numerical and Experimental Techniques in Hydropower, Manufacturing Opportunities and Challenges, Hydraulic Modeling and Hydro-mechanical components, Design Optimizations, Pump technologies and Energy Systems.

In the closing session, Prof. Hari Pd. Neopane provided the summary of the sessions focusing on how the diversity of the topics presented in this event justified the expansion of the symposium title from Current Research in Hydraulic Turbines to Current Research in Hydropower Technologies, starting from this year. Dr. Damber Bdr. Nepali, Dean of School of Engineering finally gave the closing speech with vote of thanks to all the participants, presenters, organizers, volunteers and sponsors.

The training program in the following day was focused for a closed group containing members from TTL, interested students and industrial personnel. The training was provided by experts, Mr. Kjell Repp on Water Management and Climate Change, Mr. Ishwor Man Deshar on Maintenance of Hydropower Plants and Prof. Xianwu Luo from Tsinghua University on Cavitation Vortex: Estimation and Control.

