Research Project Reports (2018-19):

- Project Report (2018) "Analysis of dynamic performance of variable speed hydroelectric plants subjected to power and control circuit faults" submitted to THDC India Limited, Rishikesh (Principal Investigator: Prof. Thanga Raj Chelliah). Abstract may be seen at [https://www.iitr.ac.in/media/facspace/thangfwt/THDC.pdf](https://www.iitr.ac.in/media/facspace/thangfwt/THDC.pdf)
- Project Report (2019) "Reduction of Switching Transients in Doubly Fed Induction Machines used in Large Rated Pumped Storage Plants" submitted to Central Power Research Institute, Bangalore (Principal Investigator: Prof. Thanga Raj Chelliah). Abstract may be seen at [https://www.iitr.ac.in/media/facspace/thangfwt/CPRI.pdf](https://www.iitr.ac.in/media/facspace/thangfwt/CPRI.pdf)
- Project Report (2019) "Doubly Fed Induction Machine as a Propulsion Motor in Tugboats to Improve Fuel Efficiency" submitted to the Ministry of Shipping, New Delhi (Principal Investigator: Prof. Thanga Raj Chelliah). Abstract may be seen at [https://www.iitr.ac.in/media/facspace/thangfwt/MOS.pdf](https://www.iitr.ac.in/media/facspace/thangfwt/MOS.pdf)

Patents (2018-19):


Laboratory Annual Report (2018):

2018 Annual Report of Hydropower Simulation Labartaory shall be seen at: [https://www.iitr.ac.in/media/facspace/thangfwt/HSL2018.pdf](https://www.iitr.ac.in/media/facspace/thangfwt/HSL2018.pdf)

Publications in Peer reviewed Journals (2018-19):


*Publications in Conference Proceedings (2018-19)*

- C. Carunaiselvane , Thanga Raj Chelliah, Appa Sarma S V., “Vibration Analysis of a Continuously Overloaded Large Hydrogenerator at Load Rejection” *20th International Seminar on Hydropower Plants*, 14-16 November 2018, Austria [Accepted for presentation to and to be submitted for possible publication in *IEEE Trans. Energy Conversion*].

Past Events (NWPE 2017):

Please see at [https://www.iitr.ac.in/nwpe2017](https://www.iitr.ac.in/nwpe2017)