

CZECH TECHNICAL UNIVERSITY IN PRAGUE

Faculty of Mechanical Engineering, Department of Process Engineering

Evaluation of Diploma Thesis

Study program: Mechanical Engineering

Study field: Process Engineering

Author: **Prashant N**

Title: **CFD simulation of flow in fish tanks**

Author accomplished the given tasks relatively well. He performed numerical simulations in ANSYS Fluent of fluid flow in a fish tank of given geometry. The author showed good abilities of individual work. I expected the author would devote more time to the thesis so that the particle RTD analysis could be done in more details and possibly some parametric dependency could be evaluated. Graphical postprocessing and presentation (plots and figures) of the results could be also done better.

Evaluation: good (C)

4. 2. 2019

Ing. Karel PETERA, Ph.D.