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Object: Evaluation of the internship of Mr Aditya Mangaonkar.

To whom it may concern,

My name is Antonia Larese and I am Associate Research Professor at the International Center for Numerical Methods in Engineering.

In the last months I had the opportunity to work with Mr Aditya Mangaonkar during his industrial training module of the Master of Science in Computational Mechanics.

He has been working since the beginning of March 2018 till September 2018 with part time scheduling that has been adjusted during the year according to Mr Mangaonkar duties. He has accomplished with his 280hours of industrial training.

The objective of his industrial training was the validation and technical help in the migration of an existing application able to solve free surface flow problems from an old code to the new Kratos environment.

Kratos is designed as an Open-Source framework for the implementation of numerical methods for the solution of engineering problems. It is written in C++ and python and it is designed to allow collaborative development by large teams of researchers focusing on modularity as well as on performance.

Mr. Mangaonkar helped in the migration as well as he was in charge of the validation and quality assessment of the new application. He got familiar with GiD pre and post processor, with python language and he achieved a basic level of c++. He also studied and understood the underling unconventional edge-based formulation.

He did a good job and achieved the expected goals. He is a motivated and responsible student. The only complain is a not sufficiently high level of formality in writing the reports. This aspect made the communication less smooth than expected. If I was supposed to give a mark, I would give Mr. Mangaonkar a 8.5/10.

Your sincerely,
Antonia Larese

