



To whom it may concern

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Our reference :

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Object: work experience certificate for M.Sc. Venkata Ramakrishna Ayyagari

I have been able to observe the work and progress of M.Sc. Ayyagari during 18 months in 2008 and 2009, as he was responsible for one research project at my Research Institute. After carrying out his Master's Thesis under my supervision, he stayed in my Research Group as a Research Assistant.


During this lapse of time, M.Sc. Ayyagari was responsible for following tasks:

- Check and synthesize the scientific and technical literature concerning drag reduction
- Plan and coordinate the construction of an experimental setup to investigate drag reduction by polymers and fibers
- Take into account safety considerations associated to the use of high-power lasers
- Carry out planar velocity measurements using Particle Image Velocimetry (PIV)
- Carry out trajectory and velocity measurements in a flow volume using Particle Tracking Velocimetry (PTV)
- Carry out velocity and turbulence measurements using Laser Doppler Velocimetry (LDV/LDA)
- Present the results of this project at national and international conferences
- Write progress reports and final report for the project

M.Sc. Ayyagari has developed during this time a strong knowledge concerning optical measurements in complex two-phase flows. I have no doubt that M.Sc. Ayyagari will be a serious and successful research scientist for any further project he might be interested him. I sincerely wish him all the best for his future endeavors.

Sincerely yours,

Prof. Dominique Thévenin
Head of Institute, Vice-Dean



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