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Magdeburg, July 31, 2017

To whom it may concern,

I am pleased to recommend Mr. Abhik Ghosh, an excellent graduate, to enroll in your department for his future occupation and professional career. I am a research manager at the business unit Process and Plant Engineering in Fraunhofer Institute for Factory Operation and Automation (IFF) Magdeburg and also a docent at the Otto-von-Guericke University of Magdeburg, Germany.

I know him since March 2016 when he joined the Fraunhofer IFF, Magdeburg as a student. He was employed from November 2016 to July 2017 as a research associated under a fixed-term contract. He has assisted me in several research tasks at the institute.

The objectives of research assistant position was to give him the opportunity to collaborate on applied research and to gather practical experience in project work.

He was actively involved in work on energy engineering projects within our Institute. His duties included the development of demand response models for optimal control of heating and cooling needs in smart house. He has also done his master's thesis on development of an Energy Management System for demand response programs within smart DC houses. His knowledge of programming, development and simulation is excellent. The team employees and I are very much satisfied with his contribution. He has fully demonstrated his ability to effectively assist on given tasks as well as to solve independently complex scientific problems. He remains abide by our institute's work ethics.

In short, I give him my highest recommendation, and hope that the committee favorably judges his application. I wish him all the best for his future professional career.

Sincerely,

Dr. Pio Lombardi

