

PAID DIPLOMA/ MASTER'S THESIS

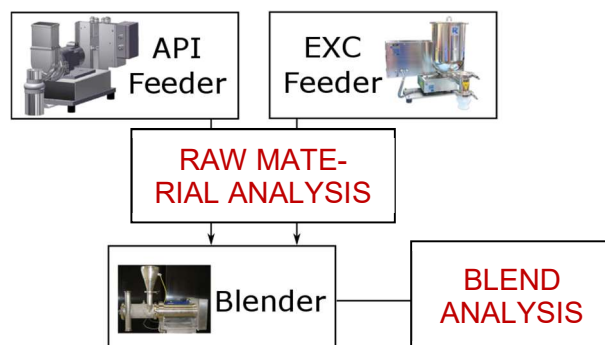
Experimental Studies of Powder Blending as Basis for a Raw Material to Blend Attributes Model

Ref.Nr. 119

To dedicated students of process engineering, pharmaceutical engineering, pharmacy, or related disciplines, we offer an opportunity to write a paid Diploma/Master's thesis. The project is conducted in close cooperation with 5 international big players in pharmaceutical industry .

OBJECTIVE:

This work is intended to aid in the development of a mathematical model to predict blend properties from raw material properties. Within a large project, the objective for the advertised master's thesis is, to generate knowledge about the relationship of raw material attributes and blend attributes. The work will be divided into this theoretical part, involving literature research and an experimental part, where blends of different raw materials and composition will be generated. The powder blends should be analyzed with modern measurement devices and the thesis will be completed after interpretation of the data, based on literature.



WITHIN THE FRAMEWORK OF THIS DIPLOMA/ MASTER'S THESIS WE OFFER THE FOLLOWING:

- Extensive participation in a top-level and industrially relevant research project in an international environment
- Supervised training in the task
- Assistance of experienced staff with the implementation of innovative ideas
- Access to highly modern infrastructure on campus of Graz University of Technology
- Assistance with the publication of results
- Adequate compensation and opportunities for personal and professional development

FINANCING: Compensation on the basis of a service contract

If you are interested in writing your thesis at the interface between university research and industry/business and to contribute to the optimization of product and process development in the pharmaceutical industry, please contact us indicating the reference number.

Research Center Pharmaceutical Engineering GmbH

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