

taking water, and with vertical axis to produce electric energy. He has been speaker to international conferences, has moderated forums, organized symposia, workshops and sessions at major international conferences

Lecturer Dr. Ec. Flavia Fechete graduated the Economics and Business Administration Faculty at the Transilvania University of Brasov, Romania, in 2011. She received the PhD degree in Engineering and Management from the Transylvania University of Brasov in 2017. From 2016, she is a member of Manufacturing Engineering Department at the Transylvania University of Brasov, with a portfolio of disciplines in the field of General Management, Financial Management, Environmental Management and Statistics.

She has conducted research in the field of performance management, in the field of statistics- studying the correlation between key performance indicators and the overall performance of the organization, and in the field of

performance development in order to ensure sustainable development in the industry.

Author Contributions:

Badea Lepadatescu carried out study regarding the mathematical model of grinding process that is in this field of manufacturing.

Flavia Fechete was responsible with theoretical modeling of the roughness of grinded surfaces