Signing of Memorandum of Understanding between the University of Medan Area and Poznan University of Technology and Public Lectures

Medan Area University signed a memorandum of understanding of cooperation between Medan Area University and Poznan University of Technology Poland along with a public lecture held on Monday (05/10/2019), located at the Convention Hall of Campus 1 Building, Jl. Pond No.1 Medan Estate.

The signing of the Memorandum of Understanding (MoU) was also witnessed by the Vice Chancellor for Collaboration Dr. Ir. Zulheri Noer, MP, Dean of the Faculty of Engineering Dr. Faisal Amri Tanjung, S.ST, MT., Dean of Economics Dr. H. Ihsan Effendi, M.Sc, all lecturers in the Medan Area University environment and USU FMIPA Professor Prof. Herman Mawengkang who is also a friend of Prof. Gerhard W Weber.

UMA Chancellor Prof. Dadan Ramdan in his speech conveyed his gratitude and high appreciation to the Polish LPO who chose UMA to work together, this collaboration was very meaningful for UMA in increasing accreditation which we targeted to achieve institutional A accreditation, while increasing the quality of graduates to be able to compete in the industrial era 4.0, "said the Chancellor.

The collaborations that can be carried out by the University of Medan Area and Poznan University of Technology Poland include collaborative research, lectures, symposiums, workshops and conferences. Then the exchange of researchers and lecturers, undergraduate, postgraduate and doctoral student exchange programs. Furthermore the exchange of scientific publications in fields of interest to both parties in order to update information.

After the signing of the MoU was followed by a seminar entitled "Soscial Entrepreneur Using Business Metric: Bigdata Analitics" with speaker Prof. Gerhard W Weber, Vice Chancellor of PUT Poland.

According to Gerhard, bigdata analytics in the industrial era 4.0 is inseparable from mathematical data. This means that there is an optimization consumption and algorithm method in solving a problem.

"The algortma method is tailored to the needs of industry or each faculty. For example, in the Faculty of Social and Political Sciences, it is done by digitizing information. The engineering faculty can be optimized with power control. Whereas in the faculty of economics and psychology it is directed at social networks or accelerated science, "said Gerhard.

He stressed, in industry 4.0, it cannot be separated from collaboration and innovation. "Collaboration without innovation and vice versa innovation without collaboration will be eroded by time. This is where the need for bigdata. And this has been done by Gojek, using one data from many data, "said this mathematician.