

UGM Researcher Promotes Big Data Breakthroughs in China

Wednesday, 02 August 2017 WIB, By: Marwati




Big Data is currently often talked about in terms of the technology, implementation, or application around the world, including in Indonesia. Its rapid development along with analytics demand have made Big Data seen not only in the technical matters, but also process of expertise creation and capacity to regulate and manage Big Data.

Dr. Mardhani Riasetiawan SE Ak, MT, lecturer and researcher in the Computer and Electronics Department, Faculty of Mathematics and Natural Sciences UGM, touched upon this topic when becoming keynote speaker during the *10th China-ASEAN Education Cooperation Week 2017*. The whole event last from 28 July - 2 August in Guiyang, China, where Mardhani discussed Big Data Education Talent and Program.

"In this conference, I was presenting the breakthroughs and approaches that were made to the learning process, using blended collaborative learning for Big Data materials," he said.

To the participants, Mardhani introduced the framework or structure named as *Bulaksumur Initiatives* that combined online learning process, face to face and co-working space in the form of *ideaspace*. This was implemented previously in the Computer System Lab at the Faculty through the GamaBox Incubation Program.



Mardhani also presented the process of implementation in several ongoing projects, including G-connect project, an effective community service project that collaborates freshman resources in the Big Data learning process and case study that spreads connectivity in disaster-prone areas. He further explained Gamabox supercomputer, a scientific approach through collaborative learning to produce the first super computer at UGM based on single board computer.

"Through this conference, the UGM unique approach is introduced to the global level, which shows the deep rooting quality of the UGM on the campus and society, and the soaring high quality in the international level. UGM also proved that its young researchers have global level potential, leading recent sciences and becoming a reference," he said.

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