Student-centered Learning Method

Learning method is a very important element in the whole learning process. The learning method that is appropriate to the character formation of UGM students is the Student-centered Learning method, which in UGM developed under the name: STAR (Student Teacher Aesthetic Role Sharing).

To equip lecturers in mastering the STAR learning method, Learning Method Trainings were held on 3-5 October 2017 and 11-12 October 2017. These activities were held in cooperation with Directorate of Human Resources as part of general Human Resource Development at UGM. The training is intended to provide lecturers the skills on various student-centered learning methods. The innovation in this training is the use of blended learning, which is learning that combines face-to-face meeting and independent study which in this case is prompted through learning materials in the form of presentation and video that can be learned beforehand. This method is also an example of the student-centered learning methods application. Not only about methods, the training also explained the use of various external learning sources and comprehensive students assessment. Participants were also assigned to draft Learning Activity Plan and conduct teaching simulation through microteaching as output and evaluation materials for the organizing team. The training materials are outlined in the diagram below.


Thank you to UGM PIKA that has provided the SCL training for UGM young lecturers. There are many things that we learned from this training from the method to develop Learning Activity Plan, choosing the correct assessment method, and the use of external learning resources as well as the explanation of Patrop Trisno's value that is very useful for us as a young lecturer at our beloved UGM. Hopefully, this training can be held regularly and can become the event to better equip young lecturers and also to rejuvinate senior lecturers.

Locally Rooted, Globally Respected

Almost every field has utilized Information Technology as a medium of its activity. The World of Higher Education has also utilized Information Technology for the expansion of knowledge dissemination. UGM needs to anticipate rapid changes in national and global scale that affect the social, political, economic, legal, and cultural aspects of life. UGM's contribution will be greater by enriching the dissemination method of knowledge, technology, and UGM's values.

The progress of Information Technology is utilized by UGM to develop a cyber-campus concept. One of UGM's steps toward cyber campus is the human resources strengthening in Knowledge Dissemination. Through the training program, the dissemination of science, information, and education as a source of knowledge are done at university, faculty, and laboratory levels. Below are several series of training in developing the Knowledge Channel (KPF-Kanal Pengetahuan Fakultas) and Knowledge Portal (MI-Menara Ilmu).

Data Source: (http://wearesocial.com)
The cyber campus is positioned by UGM as an enabling tool to expand the spread of UGM’s knowledge and values to all parts of the Indonesia’s archipelago and the world. Therefore the Faculty Knowledge Channel (KPF-Kanal Pengetahuan Fakultas) became one of the media of science and information dissemination. Until the end of 2017, all faculties have developed KPF that has been accommodated by the university through the http://kanalpengetahuan.ugm.ac.id/ page.

Furthermore, the Cyber campus is also present to ensure the implementation of a lifelong learning process. Another program to complement the development of Cyber campus at UGM is the development of Knowledge Portal (MI-Menara Ilmu).

In 2017, PIKA held various training related to KPF and MI. The series of activities can be seen in the graph above. There are, in total, eight series of training activities related to KPF and MI held from May 2017 to October 2017.

As an effort to support the content development of KPF and MI, in 2017 PIKA organized various Documentary Film Making Trainings (scientific documentary). In total there are nine series of documentary filmmaking training which can be seen in the graph below.

As a part of the MOOC (Massive Open Online Course) e-Learning grant, PIKA conducted eLOK utilization training: eLearning for Open Knowledge Sharing. The training was held for lecturers and assistants to better prepare MOOC-based learning. The series of activities in the training are Formulation of Learning Achievement and Competency Map, eLOK Features Exploration, Course Management in eLOK, Material Resources and Activity Management, Interaction Management and Role of Facilitator in eLOK.

The results of this training are various documentary films about the profile of science leader figures, activities related to community service, and the leading innovative products of the faculty.

After the training, eLOK as a new technology-based service can be utilized by UGM lecturers and other college partners to conduct learning activities together with the aim of expanding access to learning and improving the quality of learning. This learning technology is also a form of UGM support to SPADA Program of Ministry of Research, Technology and Higher Education for open and integrated online learning to educate the nation. Until now, there are 21 MOOC courses that can be accessed by the general community through http://elok.ugm.ac.id website.