

**Workshop on Evaluation of Curriculum Based Competency 2013 Towards
OBE (Observed Based Education) Curriculum and ASIIN Accreditation Preparation
2018 FKH UGM.**

Workshop was held on Wednesday, November 28, 2018 in the Auditorium, V3 Building, 3rd Floor, Faculty of Veterinary Medicine, Universitas Gadjah Mada. The event was attended by 4 speakers and 102 participants, which included lecturers, faculty staffs, stakeholders, representatives of undergraduate and postgraduate students of Faculty of Veterinary Medicine UGM. The event was preceded by an introduction to the workshop by the Vice Dean of Academic and Student Affairs FVM UGM, drh. Agung Budiyanto, M.P., Ph.D., who emphasized the need for the evaluation of the Curriculum Based Competency 2013 after 5 years through stakeholders', lecturers', educators', and students' feedback because of many challenges for veterinarians of recent graduates in the workforce. In addition, improving the curriculum towards the OBE curriculum is also needed as the number of new students has been increasing for the last 5 years in the UGM Faculty of Veterinary Medicine.

The program continued with the opening and welcome speech by the Dean of the FVM UGM, Prof. Dr. drh. Siti Isrina Oktavia Salasia. She explained that the workshop was held to get feedbacks about graduates of the FVM UGM from stakeholders, lecturers, educators, and students for improvement in the future. Curriculum evaluation also included measurements for students about the achievement of the teaching and learning process so far. Furthermore, this workshop was also useful as a preparation for all faculty components to prepare for ASIIN visitations which will be held in middle of December 2018. After the opening and welcome speech from the Dean, all participants sang the Indonesia Raya song and Gadjah Mada Hymn led by Adecitra Mutiarinda, FVM student of 2016. Event followed by the delivery of material from four speakers who were guided by moderator Dr. drh. Doddi Yudhabuntara, teaching staff of the Department of Veterinary Public Health, FVM UGM.

The first material about "Qualifications of Graduates of the Faculty of Veterinary Medicine, Universitas Gadjah Mada that the Business World Needs (in the 21st Century Millennial Era)" was delivered by drh. M. Munawaroh, M.M., as General Chair of PB PDHI, as well as alumni of the FVM UGM. He explained that the graduate competence

which must be possessed by graduates of the FVM UGM was to apply veterinary and livestock science and technology creatively and innovatively based on ethics, morality, Pancasila, and citizenship and apply the concept of scientific thinking (Professional, Leader, Manager, Entrepreneur, and Researcher). In the era of globalization in the 21st century, the demands of the surrounding environment and the development of the business world that are always unpredictable requires a curriculum which can provide learning experiences for students to follow and take advantage of the development of science, technology and art. The 21st century generation must have The Way of Thinking, Way of Working, Tools for Working, and Skills for Living in The World. Millennials born between 1980 and 2000 have striking things compared to the previous generation, namely about the use of technology that cannot be separated from technology and the internet, and entertainment including pop / music culture. In the industrial era 4.0, graduates were not only actively hunting for job vacancies, but also working in entrepreneurship and looking for new business opportunities. The needs for labour in the millennial period has also shifted towards the fields of technology and information, including social media influencers, data science, application developers, and digital marketers.

In the Millennial Era of the 21st century, the Faculty of Veterinary Medicine UGM requires several things that need to be improved in the academic field as well as learning facilities. First, students are expected to be able to produce innovative and creative works that are needed by the community related to animal health and biotechnology products by supporting advanced Information and Communication Technology facilities and infrastructure. Second, students are expected to be able to build and design a start-up business in the field of Animal Health and Public Health Services supported by information technology. Third, students are expected to be able to answer the challenges of the world of veterinary medicine with an information and communication technology approach. Fourth, students are expected to have a communication network globally to improve competency in the field of veterinary science that is expected for the future. Fifth, students are expected to have Multi-International Language skills as a capital to absorb information to understand global problems. Finally, it is expected that students have the spirit of innovation and creativity to answer problems in the business world in the field of veterinary medicine through a technology, information and communication approach.

Second speaker, drh. Usman Fanani, Head of GR and GA Central Java Region and DIY, RPA PIAT PT. Ciomas Yogyakarta delivered material about "Veterinarian Performance Evaluation at FVM UGM". He explained that Veterinarian graduates must have good mental work in the industry, have high leadership and independence, have mental business and entrepreneurship, and have skills in Human Resource management. In the chicken slaughterhouse industry, veterinarians have many roles, including antemortem and post-mortem examinations, food quality and safety management systems (GMP, HACCP, ISO), environmental sanitation and waste management system, handling animal diseases (infectious and non-infectious), zoonoses, epidemiology, monitoring and surveillance systems, data management and analysis, risk analysis, legislation and veterinary ethics, leadership, communication and management.

The need to be able to graduate to become a competent Veterinarian has increased from merely learning to be diligent and obedient to the rules, being required to have a vision of graduating from college with achievement and being able to work in accordance with the fields of study to produce benefits. Industry is needed because universities cannot run alone in terms of graduate uptake. Inputs in academic matters include students are not only learning in class but also practicing in the field, educators must be diligent in updating teaching materials, and students are not only learning from books, but also journals and other internet sources. In addition, students also have to take part in discussions and attend seminars/workshops on particular topics by experts to be able to accelerate the learning process. The lecturers must also provide opportunities for students to work on real projects in the industrial world, therefore, lecturers must also have the capacity not only as academics, but also as technopreneurs or practitioners. Finally, the course of Basic and Advanced Business Courses, Leadership Courses, and Human Resource Management Courses must be added to the FVM UGM curriculum.

The third speaker, Founder and Commissioner of PT. Bina Citra Agro Farma and also alumni of the FVM UGM, drh. Ismanto delivered material on "Evaluating the Performance of Veterinary Medicine Graduates of FKH UGM - Future Challenges and Suggestions for Improving the Curriculum in Increasing Competence of Graduates in the Veterinary Industry". He explained that Veterinarians need to integrate Eye, Brain, and Effort in the sense that they must be clever at seeing opportunities, have the ability to think/analyse, and

must be able to act in solving a problem. In the veterinary industry, the role of veterinarians in facing every challenge, including to increase in animal protein in the poultry sector is highly important. Veterinarians must be able to succeed broiler farming with good and competitive profitability, and must have good mastery of seeds, feeding, maintenance, treatment, efficiency and effectiveness. Suggestions given by drh. Ismanto in improving the curriculum of the FVM UGM included enhancing debriefing in learning Anatomy, Reproduction, Poultry Pathology, Poultry/Nutrition Feed Raw Materials, and Large Cattle and Horse Poultry and Livestock Cultivation. It is expected that, with the improvement of the curriculum that will be carried out based on the suggestions and input given, UGM Veterinarians graduates from the Faculty of Veterinary Medicine will become more ready to work in the veterinary industry.

The fourth speaker, Prof. Dr. drh. Siti Isrina Oktavia Salasia, as Dean of the Faculty of Veterinary Medicine UGM delivered the material about "Maintaining Five STAR Veterinarian Based on Manusa Mriga Satwa Sewaka (To Serve Mankind Through Animal Kingdom)". This material was delivered to prepare ASIIN accreditation visitations in December 2018. ASIIN accreditation is included in several criteria, including: The Degree Program (concept, content, and implementation), Exams (System, Concept, and Organization), Resources, Transparency and Documentation, Quality Management (Quality Assessment and Development). By presenting the material on ASIIN accreditation, it is expected that all lecturers, faculty staffs, and students of the Faculty of Veterinary Medicine UGM can be involved to face the upcoming ASIIN visitation in December 2018.

The program continued with a discussion session guided by moderator Dr. drh. Doddy Yudhabuntara. In the discussion session there were many questions from the workshop participants, including from the senate, lecturers, and students.

The workshop was then followed by giving the mementos to the speakers and moderators by the Vice Dean of Academic and Student Affairs FVM UGM, drh. Agung Budiyanto, M.P., Ph.D. After that, the Formulation Team delivered a presentation on the results of the discussion and the summary of the resource material, represented by Dr. drh. Tri Wahyu Pangestinarsih, M.P. She explained that the stakeholders ideally need FVM UGM graduates who are ready to work, but it will be very difficult for them to meet the 100% specific quality standard. At the very least, FKH graduates could have 70-80% of

knowledge and basic skills obtained from college, so that 20% of the shortcomings can be fulfilled by providing training from companies regarding to the specific jobs which will be faced. The addition of field skills or field practice is needed so that FVM graduates have better understandings of the conditions in the field. To improve field capability, FVM must work more with outside agencies both from alumni networks and others, with scheduled internships, therefore, students' ability to work can be improved. It is undeniable that the conditions of learning facilities and infrastructure on campus, especially laboratories, have been left behind compared to outside the faculty. Consequently, sending students to study in private industries and private animal clinics will increase the ability of graduates because the private sector has more up to date equipment. Alumni are ready to help to improve the quality of UGM FKH graduates. Even though students are currently required to graduate in a relatively short time, we hope that the quality of students remains in accordance with good standards. Alumni who conduct independent businesses, work in the private sector and government are asked to provide detailed input regarding what competencies needed for FVM UGM graduates in each of these sectors, so that graduates will be ready to work for them. In general, graduates of FVM UGM are flexible, not arrogant, more confident in taking action and possessing highly qualified liturgy. The most typical shortcomings are only a little difficult to respect yourself especially when it comes to salary levels. Graduates of FVM UGM are also required to think comprehensively and have the ability to collaborate with many sectors in facing a problem in the field. In this case, knowledge about One Health needs to be given more deeply both in S1 and S2 students.

After the conclusions from the Formulation Team, the event was then closed by the MC. The workshop was expected to provide feedbacks about the graduates of FVM UGM from stakeholders, lecturers, educators, and students for improvement of the faculty and curriculum in the future. In addition, this workshop was also expected to be useful as a preparation for all faculty components to prepare for ASIIN visitations which will be held in middle of December 2018