

Beyond Classroom Assessment as New Norm Approach

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Traditional learning methods confined with textbook and classroom environment are no longer appropriate for the Education 5.0 approach. Indeed, generation Z students nowadays desperately need a different approach to pique their interest to deepen their knowledge especially in the field of engineering. In addition, with the current situation facing the challenge of the Covid-19 pandemic, the needs for students' access to the world outside the classroom is very much needed. With that, the instructors of Soil Mechanics course have taken the initiative to apply the concept of 'Beyond Classroom Assessment' to enhance the teaching and learning process, particularly to capture the student's attention during this challenging Covid-19 period. This concept is an open assessment type which is based on real problems that occur in the field of construction. Students are given a problem that requires them to think outside the box to find an immediate solution to an issue that occurs at a construction site. What is more interesting, this approach is very much in line with the requirements of the Engineering Accreditation Council to embed the Complex Engineering Problem Solving element in the evaluation process of engineering students. On the part of the students, this approach can initiate their self-learning and motivation to investigate the problems and relate the issues to the theoretical knowledge learned in class. At the same time, it could increase the student's understanding in the field of Soil Mechanics.