ICT Enhanced Interactive Remedial Mathematics Program for Science and Engineering Students

The purpose of this presentation is to share with the academic audience, the KU's experience of implementing GradeAnything® by TurnItIn® to the basic math remedial courses in the departments of Science and Engineering.

The students were issued a review assignment in the form of paper in every class. After the class, the students solved the math problems on the paper. Then they took a snap shot of their paper using their smartphones and submitted their answers to TurnItIn®.

In order to assure the same high quality of advice for corrections given to all the students and the efficiency of correctional advice by the team of instructors or tutors, the grade mark feature of TurnItIn® was employed. In this way, even in a large size class, the frequent interactions were provided. The students were able to refer to the rubric for each assignment to review the important points and to check their mistakes from individualized comments by the instructor. All the processes were conducted in terms of the smartphone on the students' side and GradeAnything® on the cloud.

The presentation includes the result of the experiment; the students' achievements before and after the implementation of GradeAnything® as well as the reflections by the presenters.

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