RESEARCH GROUP OF UNDERGRADUATE PROGRAMME OF MATHEMATICS EDUCATION (UPME), UNESA

Research Group: Assessment in Mathematics Education

Description:
Our research interest is focusing on developing theoretical and practical perspectives concerning the assessment of mathematics proficiency, alternative perspectives, models and practices of assessment, classroom-based assessment (formal or informal assessment), task design in mathematics education, construction, and administration (theoretical, technical, and practical components), and computer-based assessment.

Team:

UPME Academic Staff	Publication Profile	Research Interests
	Dr. Masriyah, M.Pd.	• Alternative assessment • Problem Posing • Problem Solving • Instructional design
	Dini Kinati Fardah, S.Pd.Si., M.Pd.	• E-learning • Task design • Higher-order thinking task
	Ahmad Wachidul Kohar, S.Pd., M.Pd.	• Context-based mathematics task • Realistic mathematics education • International survey • Mathematical literacy

Research Projects:

- Development of Assessment Course Textbooks for Mathematics Learning
- Designing Context-Based Task Considering Level of Context Use for Mathematical Problem

List of Publication

Names	Title	Journal	Authors	Quartile	Url/DOI
2021					
Dini Kinati Fardah, Pradnyo Wijayanti	E-Learning-Based Task Design for Developing Mathematics Instructional Tools Containing 4C Skills	Atlantis Press Proceeding	Dini Kinati Fardah, Pradnyo Wijayanti	-	https://www.atlantis-press.com/proceedings/icmmed-20/125956459
Masriyah	Pre-Service Teachers Performance in Designing Mathematics Learning Devices Using Problem Based Learning Model	E3S Web of Conferences	Masriyah, Umi Hanifah	-	https://www.e3s-conferences.org/articles/e3sconf/abs/2021/104/e3sconf_icstunkhair2021_06004/e3sconf_icstunkhair2021_06004.html
Rooselyna Ekawati, Ahmad Wachidu Kohar, Masriyah, Abdul Haris Rosyidi, Budi Prawoto, Evangelista LW Palupi	Prospective Teachers' Knowledge of Evaluating Student Errors on Area Conservation Task	E3S Web of Conferences	Rooselyna Ekawati, Ahmad Wachidu Kohar, Masriyah, Abdul Haris Rosyidi, Budi Prawoto, Evangelista LW Palupi	-	https://www.e3s-conferences.org/articles/e3sconf/pdf/2021/104/e3sconf_icstunkhair2021_06001.pdf

2020					
Ahmad Wachidul Kohar	History of Mathematics for Teaching Mathematics: The Case of Indonesian Prospective Teachers' Beliefs and Attitudes	Universal Journal of Educational Research 8 (6), 2305-2314	IB Kusumawati, AD Fachrudin, Ahmad Wachidul Kohar, S Widadah	Q4	http://www.hrpub.org/download/20200530/UJER14-19515465.pdf
Dini Kinati Fardah, Atik Wintarti	Foundation of Mathematics Courses Using Virtual Learning	Journal of Physics: Conference Series 1387 (1), 012018	Dini Kinati Fardah, Atik Wintarti,	Q3	https://iopscience.iop.org/article/10.1088/1742-6596/1387/1/012018/pdf
Rooselyna Ekawati, Ahmad Wachidul Kohar, Rini Setianingsih	Ancient China history-based task to support students' geometrical reasoning and mathematical literacy in learning Pythagoras	Journal of Physics: Conference Series 1417 (1), 012042	AD Fachrudin, Rooselyna Ekawati, Ahmad Wachidul Kohar, S Widadah, IB Kusumawati, R Setianingsih	Q3	https://iopscience.iop.org/article/10.1088/1742-6596/1417/1/012042/pdf