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

Research Group: Mathematics Learning Media

Description:
Our research interest is focusing on developing learning media as a tool in the form of physical and non-physical used to convey material to students to be more effective and efficient within any instructional design.

Team:

UPME Academic Staff	Publication Profile	Research Interests
	Dr. Atik Wintarti, M.Kom.	• ICT-based learning media • Computational mathematics • Augmented reality • Elearning platform
	Dr. Janet Trineke Manoy, M.Pd.	• Learning media development • Creativity in mathematics
	Ika Kurniasari S.Pd M.Pd.	• Learning media development • Thinking process •

Research Projects:

- Learning media for Instructional Design of Blended Learning

List of Publication

Names	Title	Journal	Authors	Quartile	Url/DOI
2021					
Atik Wintarti, Budi Priyo Prawoto	Pengembangan Bahan Ajar Berbasis Blended Learning Pada Mata Kuliah Dasar-Dasar Matematika	Jurnal Penelitian Pendidikan Matematika Dan Sains	Atik Wintarti, Rudianto Artiono, Budi Priyo Prawoto	-	https://journal.unesa.ac.id/index.php/jppms/article/view/11747
Janet Trineke Manoy	Students' Creative Thinking Based on Motivation to Learn During Online Learning	E3S Web of Conferences	Janet Trineke Manoy, Astridtia Putri Junita Sari	-	https://www.e3s-conferences.org/articles/e3sconf/pdf/2021/104/e3sconf_icstunkhair2021_06010.pdf
Janet Trineke Manoy	Mathematical Literacy Based on Ethnomathematics of Batik Sidoarjo	Jurnal Didaktik Matematika	Janet Trineke Manoy, Mayang Purbaningrum	-	http://202.4.186.66/DM/article/view/21644
Ika Kurniasari	Students' Communication Skills In Solving Mathematical Literacy Problems Based On Mathematical Abilities	Journal of Medives: Journal of Mathematics Education IKIP Veteran Semarang	Ilmus Samawati, Ika Kurniasari	-	http://e-journal.ivet.ac.id/index.php/matematika/article/view/1421
2020					
Atik Wintarti, Dini Kinati Fardah	The Instructional Design of Blended Learning on Differential Calculus Using Successive Approximation Model	Journal of Physics: Conference Series 1417 (1), 012064	Atik Wintarti, Dini Kinati Fardah	Q3	https://iopscience.iop.org/article/10.1088/1742-6596/1417/1/012064/pdf
Ika Kurniasari	Development of Mathematics Learning	MATHEdunesa: Jurnal	Winny Tri Kurniasari,	-	https://ejoumal.unesa.ac.id/in

	Device with Guided Discovery Models On Circle Material	Ilmiah Pendidikan Matematik	Ika Kurniasari		dex.php/mathedunesa/article/view/36524/32426
2019					
A Wintarti, R Ekawati, S Fiangga	Blended Learning as a Learning Strategy in the Disruptive Era	Journal of Physics: Conference Series 1387 (1), 012127	**A Wintarti, R Ekawati, S Fiangga**	Q3	https://iopscience.iop.org/article/10.1088/1742-6596/1387/1/012127
A Wintarti, R Ekawati, S Fiangga	Development of Education Comics Based Realistic Mathematics Education on Fraction Material	Journal of Physics: Conference Series 1387 (1), 012127	**A Wintarti, R Ekawati, S Fiangga**	Q3	https://journal.unesa.ac.id/index.php/jrpipm/article/view/5436