

Staff Handbook

Please fill out and submit one table per person.

Name	<i>Dr. Syukrul Hamdi, S.Pd., M.Pd.</i>		
Post	<i>Mathematic Education</i>		
Academic career	<i>Undergraduate Degree</i>	<i>Universitas Hamzanwadi</i>	<i>2009</i>
	<i>Master Degree</i>	<i>UNY</i>	<i>2013</i>
	<i>Doctorate Degree</i>	<i>UNY</i>	<i>2017</i>
Employment	<i>Position: Lecturer</i>	<i>Employer UNY</i>	<i>Period 2019-Now</i>
Research and development projects over the last 5 years	1. Internal Resources (<i>UNY Postgraduate Research Grant 2021</i>) <i>Title: Kompetensi Kepribadian Guru Sekolah Dasar Di Daerah Istimewa Yogyakarta (The Personality Competence of Elementary School Teachers in the Special Region of Yogyakarta)</i> <i>Year: 2021</i> <i>Partners: Badrun Kartowagiran, Raden Rosnawati</i> <i>Rp. 20.000.000,00</i> 2. Internal Resources (<i>UNY DIPA Grant</i>) <i>Title: Evaluasi Pelaksanaan Pembelajaran pada Masa Pandemi Covid-19 untuk Sekolah Dasar di Daerah Istimewa Yogyakarta, Indonesia dan Selangor, Malaysia (Evaluation of Learning Implementation in The Time of Pandemic Covid-19 for Elementary Schools in Daerah Istimewa Yogyakarta Indonesia and Selangor Malaysia)</i> <i>Year: 2021</i> <i>Partners: Badrun Kartowagiran, Edi Istiyono, Amat Jaedun</i> <i>Rp. 50.000.000,00</i> 3. External Resources (<i>Directorate of Partnerships and Alignment with Business and Industry, Ministry of Education, Culture, Research, and Technology</i>) <i>Title: Evaluasi Pola Dan Strategi Penyelenggaraan Diklat Upskilling & Reskilling di Balai Besar/Balai Pengembangan Penjaminan Mutu Pendidikan Vokasi (BBPPMPV/BPPMPV) (Evaluation of Patterns and Strategies in Conducting Upskilling & Reskilling Training at BBPPMPV/BPPMPV)</i> <i>Year: 2021</i> <i>Partners: Badrun Kartowagiran, Edi Istiyono, Amat Jaedun, Farid Musyaddad, Sinta Sihdewanti, Nirmala Adhi Yoga Pambayun, Nur Anisyah Rachmaningtyas, Tri Wulaningrum, Dwi Novita Sari</i> <i>Rp. 200.000.000,00</i> 4. External Resources (<i>Consortium Assignment Grant, DRPM Ristekdikti</i>) <i>Title: Model Evaluasi Kompetensi Calon Guru di Era RI.4.0 tahun ke-3 (Evaluation Model of Pre-Service Teachers' Competencies in the Era of IR 4.0 – Year 3)</i> <i>Year: 2021</i> Partners: - <i>Rp. 510.000.000,00</i> 5. Internal Resources (<i>UNY DIPA Grant</i>) <i>Title: Desain lintasan belajar dengan pendekatan matematika realistik reflektif dalam materi peluang yang berorientasi pada kemampuan</i>		

	keaktivitas siswa di abad 21 (<i>Designing Learning Trajectories with Reflective Realistic Mathematics Approach in Probability Topics Oriented to 21st Century Student Creativity</i>) Year: 2021 Partners: Sugiman, Ali Mahmudi, Nila Mareta Murdiyani Rp. 24.000.000,00
6.	Internal Resources (<i>UNY DIPA Grant</i>) Title: Nilai Karakter dan Faktor-Faktor yang Mempengaruhinya pada Siswa Sekolah Dasar di Yogyakarta, Indonesia dan Selangor, Malaysia: Analisis Multilevel (<i>Character Values and Their Affecting Factors for Elementary Schools Students in Yogyakarta, Indonesia, and Selangor Malaysia: A Multilevel Analysis</i>) Year: 2022 Partners: - Rp. 50.000.000,00
7.	Internal Resources (<i>Graduate School Grant, UNY</i>) Title: Studi Penelusuran Lulusan S3 PEP Program Pascasarjana Universitas Negeri Yogyakarta (<i>Tracer Study of Doctoral Graduates of PEP Program, Graduate School of Yogyakarta State University</i>) Year: 2022 Partners: - Rp. 20.000.000,00
8.	Internal Resources (<i>Research Group Grant, Faculty of Mathematics and Natural Sciences, UNY</i>) Title: Analisis dan Persepsi Guru terhadap Kurikulum Prototipe Matematika SMP untuk Mendukung Kebijakan Merdeka Belajar (<i>Teachers' Analysis and Perception of the Prototype Curriculum for Junior High School Mathematics to Support the Independent Learning Policy</i>) Year: 2022 Partners: Sugiman, Ali Mahmudi, Nila Mareta Murdiyani Rp. 24.000.000,00
9.	External Resources (<i>Directorate of Partnerships and Alignment with Business and Industry, Ministry of Education, Culture, Research, and Technology</i>) Title: Pengembangan Instrumen Tracer Studi untuk SMK (<i>Development of Tracer Study Instruments for Vocational High Schools</i>) Year: 2022 Partners: - Rp. 200.000.000,00
10.	External Resources (<i>Directorate of Partnerships and Alignment with Business and Industry, Ministry of Education, Culture, Research, and Technology</i>) Title: Analisis Data Tracer Studi SMK (<i>Data Analysis of Vocational High School Tracer Study</i>) Year: 2022 Partners: - Rp. 190.000.000,00
11.	External Resources (<i>Directorate of Research, Technology, and Community Service, Ministry of Education, Culture, Research, and Technology</i>) Title: Penerapan Computer-Based Test (CBT) Model Testlet dengan Konteks Kearifan Lokal (Tahun-1) (<i>Implementation of CBT Testlet Model with Local Wisdom Context (Year-1)</i>) Year: 2022 Partners: Yoppy Wahyu Purnomo, Kana Hidayati, Nurul Mu'minin MZ

	<i>Rp. 139.000.000,00</i> 12. Internal Resources (<i>International Collaboration Grant, UNY Graduate School</i>) <i>Title: Pengembangan Model Asesmen Literasi Dasar untuk Siswa SD di Indonesia dan Malaysia (Development of a Basic Literacy Assessment Model (Numeracy and Reading) for Elementary Students in Indonesia and Malaysia)</i> <i>Year: 2023</i> <i>Partners:</i> <i>Rp. 50.000.000,00</i> 13. Internal Resources (<i>Field of Science Research Grant, UNY Graduate School</i>) <i>Title: Integrasi Penilaian Karakter Pada Proses Pembelajaran 4c Sekolah Dasar di Daerah Istimewa Yogyakarta (Integration of Character Assessment in 4C Learning Process for Elementary Schools in Yogyakarta)</i> <i>Year: 2023</i> Partners: - <i>Rp. 20.000.000,00</i> 14. Internal Resources (Research Group Grant, Faculty of Mathematics and Natural Sciences, UNY) <i>Title: Analisis Buku Teks Matematika SMP Kelas VII Kurikulum Merdeka (Analysis of Grade VII Junior High School Mathematics Textbooks)</i> <i>Year: 2023</i> <i>Partners: Sugiman, Ali Mahmudi, Nila Mareta Murdiyani</i> <i>Rp. 24.000.000,00</i> 15. External Resources (Directorate of Research, Technology, and Community Service, Ministry of Education, Culture, Research, and Technology) <i>Title: Penerapan Computer-Based Test (CBT) Model Testlet dengan Konteks Kearifan Lokal (Implementation of CBT Testlet Model with Local Wisdom Context (Year 2))</i> <i>Year: 2023</i> <i>Partners: Yoppy Wahyu Purnomo, Kana Hidayati, Nurul Mu'minin MZ</i> <i>Rp. 164.000.000,00</i> 16. External Resources (<i>Mitras DUDI, Ministry of Education, Culture, Research, and Technology</i>) <i>Title: Pengembangan Instrumen Tracer Study Perguruan Tinggi Vokasi (Development of Tracer Study Instruments for Vocational Higher Education)</i> <i>Year: 2023</i> Partners: - <i>Rp. 200.000.000,00</i> 17. Internal Resources (<i>International Collaboration Grant, UNY</i>) <i>Title: Asesmen Model Penguatan Karakter (Assessment of Character Strengthening Model of 4C's Learning Outcomes with WEB-Android Support)</i> <i>Year: 2023</i> Partners: - <i>Rp. 50.000.000,00</i> 18. Internal Resources (<i>Flagship Research Grant, UNY</i>) <i>Title: Model Penilaian Penguatan Profil Pelajar Pancasila pada kurikulum merdeka (Assessment Model for Strengthening Pancasila Student Profile)</i> <i>Year: 2023</i> <i>Partners: Muhammad Fauzan, Nila Mareta Murdiyani</i> <i>Rp. 50.000.000,00</i> 19. External Resources (<i>Master's Thesis Research Grant, DRTPM Kemendikbudristek</i>)
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	Title: Pengembangan Media Pembelajaran Matematika Berbasis Web dengan Model PBL Berorientasi pada Pemecahan Masalah Matematis dan Kemandirian Belajar Siswa SMP (<i>Development of Web-Based Mathematics Learning Media with PBL Model Oriented to Mathematical Problem Solving and Learning Independence of Junior High School Students</i>) Year: 2024 Partners: - Rp. 31.000.000,00
20.	External Resources (<i>Applied Research Grant, DRTPM Kemendikbudristek</i>) Title: Design Based Research dalam Pengembangan Literasi Numerasi Siswa Sekolah Dasar Kabupaten Bantul (<i>Design-Based Research in Developing Numeracy Literacy of Elementary Students in Bantul Regency</i>) Year: 2024 Partners: - Rp. 241.000.000,00
21.	Internal Resources (<i>Flagship Research Grant, UNY</i>) Title: Pengembangan Instrumen Tes Diagnostik Model Testlet berbasis TIK untuk Pembelajaran Matematika SMP: Solusi atas permasalahan guru menyiapkan formatif asesmen dalam kurikulum merdeka (<i>Development of ICT-Based Testlet Diagnostic Instrument for Junior High School Mathematics Learning: A Solution for Teachers' Challenges in Preparing Formative Assessments in the Merdeka Curriculum</i>) Year: 2024 Partners: - Rp. 50.000.000,00
22.	Internal Resources (<i>Research Group Grant, UNY</i>) Title: Pengembangan Modul Ajar Matematika SMP/MTs terintegrasi P5: Upaya mendukung kurikulum merdeka untuk meningkatkan kemampuan Numerasi dan Kemandirian Belajar Siswa (<i>Development of P5-Integrated Mathematics Teaching Module for SMP/MTs: Supporting the Merdeka Curriculum to Enhance Students' Numeracy and Learning Independence</i>) Year: 2024 Partners: - Rp. 24.000.000,00
23.	External Resources (<i>Mitras DUDI, Kemendikbudristek</i>) Title: Pengolahan Data Tracer Study SMK untuk Rapor Pendidikan Tahun 2024 (<i>Processing Vocational High School Tracer Study Data for the 2024 Education Report</i>) Year: 2024 Partners: - Rp. 199.755.000,00
24.	External Resources (<i>Mitras DUDI, Kemendikbudristek</i>) Title: Kajian Profil Lulusan SMK berdasarkan Hasil Analisis Tracer Study Tahun 2023 pada Level Provinsi dan Kabupaten/Kota (<i>Analysis of Vocational School Graduates' Profile Based on 2023 Tracer Study at Provincial and District/City Levels</i>) Year: 2024 Partners: - Rp. 199.950.000,00
25.	Internal Resources (<i>Doctoral Program Research Grant, UNY</i>) Title: Pengembangan Flipbook Roadmap dan Mapping Riset Program Studi Doktor Penelitian dan Evaluasi Pendidikan (<i>Development of Flipbook Roadmap and Research Mapping for the Doctoral Program in Educational Research and Evaluation</i>)

	<i>Year: 2025</i> <i>Partners: Edy Supriyadi, Nirmala Adhi Yoga Pambayun</i> <i>Rp. 25.000.000,00</i> 26. Internal Resources (<i>UNY DIPA Grant</i>) Title: Kesiapan Calon Guru Matematika dalam Mengimplementasikan Kurikulum Merdeka: Kajian pada Lima Perguruan Tinggi di DIY (<i>Readiness of Prospective Mathematics Teachers in Implementing the Merdeka Curriculum: A Study at Five Universities in Yogyakarta</i>) <i>Year: 2024</i> <i>Partners: Sugiman, Ali Mahmudi, Nila Mareta Murdiyani</i> <i>Rp. 45.000.000,00</i> 27. External Resources (<i>Applied Research Grant, DRTPM Kemendikbudristek</i>) Title: Pengembangan Asesmen Autentik Matematika SD Model Testlet Berbasis Komputer Terintegrasi Deep Learning dan Adiwiyata (<i>Development of Authentic Assessment for Elementary School Mathematics Using Computer-Based Testlet Model Integrated with Deep Learning and Adiwiyata</i>) <i>Year: 2025</i> Partners: - <i>Rp. 120.000.000,00</i> 28. Internal Resources (<i>UNY DRPM Grant</i>) Title: Evaluasi Sistem Penjaminan Mutu Berdasarkan Hasil Audit Mutu Internal Di Universitas Negeri Yogyakarta (<i>Evaluation of the Quality Assurance System Based on the Results of Internal Quality Audits at Yogyakarta State University</i>) <i>Year: 2025</i> <i>Partners: Nirmala Adhi Yoga Pambayun, Riki Perdana</i> <i>Rp. 20.000.000,00</i> 29. Internal Resources (<i>UNY DIPA Grant</i>) Title: Kesiapan Guru Matematika Mengimplementasikan Pendekatan Deep Learning dalam Pembelajaran Matematika SMP (<i>Mathematics Teacher Readiness to Implement the Deep Learning Approach in Middle School Mathematics Learning</i>) <i>Year: 2025</i> <i>Partners: Sugiman, Ali Mahmudi, Nila Mareta Murdiyani</i> <i>Rp. 24.000.000,00</i>
Industry collaborations over the last 5 years	1. <i>Project Title: Workshop Desain Pembelajaran (Lesson Plan) Berbasis Flipped Classroom Bagi Guru Matematika SMP Di Kabupaten Bantul (Workshop on Flipped Classroom-Based Lesson Plan Design for Junior High School Mathematics Teachers in Bantul Regency)</i> <i>Year: 2021</i> <i>Partners: MGMP Matematika Kabupaten Bantul</i> 2. <i>Project Title: Pelatihan Penilaian Ranah Sikap dan Ranah Pengetahuan Berbasis Web Untuk Guru Sekolah Dasar Di DIY (Training on Web-Based Assessment of Affective and Cognitive Domains for Elementary School Teachers in Yogyakarta)</i> <i>Year: 2021</i> <i>Partners: Dinas Pendidikan Kota Yogyakarta</i> 3. <i>Project Title: Pelatihan Penyusunan Instrumen Asesmen Berbasis OS Android Pada Pembelajaran Daring Di Era New Normal Bagi Guru-Guru SD dan SMP Swasta Di Kulon Progo (Training on Developing Android-Based Assessment Instruments for Online Learning in the New Normal Era for Private Elementary and Junior High School Teachers in Kulon Progo)</i> <i>Year: 2021</i>

	<i>Partners: SMP Negeri 15 Kota Yogyakarta</i> 4. <i>Project Title: Pelatihan Penilaian Ranah Sikap dan Ranah Pengetahuan Berbasis Web Untuk Guru Sekolah Dasar Di Desa Purwoharjo Kabupaten Kulonprogo (Training on Web-Based Assessment of Affective and Cognitive Domains for Elementary School Teachers in Purwoharjo Village, Kulon Progo)</i> <i>Year: 2022</i> <i>Partners: -</i> 5. <i>Project Title: Pelatihan Penelitian Tindakan Kelas dan Publikasi Ilmiah Untuk Guru SMP (Training on Classroom Action Research and Scientific Publication for Junior High School Teachers)</i> <i>Year: 2022</i> <i>Partners: -</i> 6. <i>Project Title: Pelatihan Penyusunan Instrumen Penelitian untuk Guru Matematika SMP di Kabupaten Gunung Kidul (Training on Research Instrument Development for Junior High School Mathematics Teachers in Gunungkidul Regency)</i> <i>Year: 2023</i> <i>Partners: Dinas Pendidikan Gunung Kidul</i> 7. <i>Project Title: Pelatihan dan Pembinaan Kesenian Musik Modern Di Desa Margoagung Sayegan Sleman Serta Evaluasinya (Training and Development of Modern Music Art in Margoagung Village, Sayegan, Sleman and Its Evaluation)</i> <i>Year: 2023</i> Partners: - 8. <i>Project Title: Pelatihan Penyusunan Instrumen Non-Kognitif dan Analisis Kualitas Instrumen dengan Teori Tes Klasik dan Modern bagi Guru Sekolah Dasar di Indonesia dan Malaysia (Training on the Preparation of Non-Cognitive Instrument and Instrument Quality Analysis Using Classical and Modern Test Theory for Elementary School Teachers in Indonesia and Malaysia)</i> <i>Year: 2023</i> <i>Partners: Universiti Putra Malaysia</i> 9. <i>Project Title: Pelatihan Penelitian Tindakan Kelas dan Publikasi Ilmiah untuk Guru Matematika MTs di Sleman DIY (Training on Classroom Action Research and Scientific Publication for MTs Mathematics Teachers in Sleman, Yogyakarta)</i> <i>Year: 2024</i> Partners: - 10. <i>Project Title: Pelatihan Penilaian Ranah Sikap dan Ranah Pengetahuan Berbasis Web Untuk Guru Sekolah Dasar di Desa Guwo Sari Pajangan Kabupaten Bantul (Training on Web-Based Assessment of Affective and Cognitive Domains for Elementary School Teachers in Guwo Sari Village, Bantul)</i> <i>Year: 2024</i> <i>Partners: Department of Education, Youth and Sports of Bantul Regency</i> 11. <i>Project Title: Workshop Pengembangan Perangkat Pembelajaran Matematika SMP dengan Pendekatan Deeper Learning di Sleman DIY (Workshop on Developing Junior High School Mathematics Learning Tools with a Deeper Learning Approach in Sleman, Yogyakarta)</i> <i>Year: 2025</i> Partners: -
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	12. <i>Project Title: Pelatihan Implementasi Sistem Penjaminan Mutu Internal di Balai Pelatihan Kesehatan DIY (Training on the Implementation of Internal Quality Assurance System at the Health Training Center of Yogyakarta)</i> Year: 2025 Partners: Internal Quality Assurance System at the Health Training Center of Yogyakarta 13. <i>Project Title: Pelatihan Asesmen Berbasis Deep Learning Guru Di Bantul (Training on Deep Learning-Based Assessment for Teachers in Bantul)</i> Year: 2025 Partners: Department of Education, Youth and Sports of Bantul Regency		
Patents and proprietary rights	No	Title of Intellectual Property Rights	Year
	1	Question Bank Pedagogical Prospective Teacher Social Science in the Era of Industry 4.0	2021
	2	Question Bank Pedagogical Prospective Teacher Indonesian Language in the Era of Industry 4.0	2021
	3	Question Bank Pedagogical Prospective Teacher Natural Science in the Era of Industry 4.0	2021
	4	Question Bank Professional Competence Prospective Teacher Social Science in the Era of Industry 4.0	2021
	5	Question Bank Professional Competence Prospective Teacher Natural Science in the Era of Industry 4.0	2021
	6	Question Bank Professional Competence Prospective Teacher Indonesian Language in the Era of Industry 4.0	2021
	7	CIPP Evaluation Model (Context, Input, Process, Product) and Its Implementation in Educational Research	2022
	8	Question Bank Professional Competence Prospective Teacher English in the Era of Industry 4.0	2022
	9	Question Bank Pedagogical Competence Prospective Teacher English in the Era of Industry 4.0	2022
	10	Question Bank Professional Competence Prospective Teacher Mathematics in the Era of Industry 4.0	2022
	11	Numeracy AKM Testlet Model Instrument Based on Local Wisdom for Elementary Level	2022
	12	Character Assessment Instruments for Elementary School Students (Instruments for Students, Teachers, and Parents)	2022
	13	Graduate Profile of Vocational High School Based on Tracer Study Analysis in Bali Province	2024
	14	Graduate Profile of Vocational High School Based on Tracer Study Analysis in D.K.I Jakarta Province	2024
	15	Graduate Profile of Vocational High School Based on Tracer Study Analysis in West Java Province	2024
	16	Graduate Profile of Vocational High School Based on Tracer Study Analysis in North Kalimantan Province	2024
	17	Graduate Profile of Vocational High School Based on Tracer Study Analysis in Bangka Belitung Islands Province	2024
	18	Graduate Profile of Vocational High School Based on Tracer Study Analysis in Riau Islands Province	2024
	19	Graduate Profile of Vocational High School Based on Tracer Study Analysis in Lampung Province	2024
	20	Graduate Profile of Vocational High School Based on National Tracer Study Analysis	2024
	21	Graduate Profile of Vocational High School Based on Tracer Study Analysis in Banten Province	2024
	22	Graduate Profile of Vocational High School Based on Tracer Study Analysis in East Kalimantan Province	2024

	23	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in North Maluku Province</i>	2024
	24	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in Maluku Province</i>	2024
	25	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in West Nusa Tenggara Province</i>	2024
	26	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in East Nusa Tenggara Province</i>	2024
	27	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in Papua Province</i>	2024
	28	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in West Papua Province</i>	2024
	29	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in Southwest Papua Province</i>	2024
	30	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in Southeast Sulawesi Province</i>	2024
	31	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in Aceh Province</i>	2024
	32	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in D.I. Yogyakarta Province</i>	2024
	33	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in Gorontalo Province</i>	2024
	34	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in North Sulawesi Province</i>	2024
	35	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in Jambi Province</i>	2024
	36	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in South Papua Province</i>	2024
	37	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in Central Papua Province</i>	2024
	38	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in Riau Province</i>	2024
	39	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in East Java Province</i>	2024
	40	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in West Sumatra Province</i>	2024
	41	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in Bengkulu Province</i>	2024
	42	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in West Kalimantan Province</i>	2024
	43	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in South Kalimantan Province</i>	2024
	44	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in Central Kalimantan Province</i>	2024
	45	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in South Sumatra Province</i>	2024
	46	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in West Sulawesi Province</i>	2024
	47	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in South Sulawesi Province</i>	2024
	48	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in Central Sulawesi Province</i>	2024
	49	<i>Graduate Profile of Vocational High School Based on Tracer Study Analysis in North Sumatra Province</i>	2024
	50	<i>Diagnostic Test Instrument for Junior High School Mathematics Testlet Model on Number Domain, Subdomain Order Properties</i>	2024

	51	<i>Diagnostic Test Instrument for Junior High School Mathematics Testlet Model in Measurement Domain</i>	2024
	52	<i>Instrument for Prospective Teacher Readiness in Implementing the Independent Curriculum</i>	2024
	53	<i>Application of Computer-Based Testlet Diagnostic Test for Junior High School Mathematics Learning</i>	2024
	54	<i>Student Worksheet on Statistics Material with Problem-Based Mathematics Approach to Improve Critical Thinking and Learning Independence of Junior High School Students</i>	2024
	55	<i>Student Worksheet on Statistics Material with Problem Solving Approach to Improve Critical Thinking and Learning Independence of Junior High School Students</i>	2024
Important publications over the last 5 years	1. <i>Badrul Kartowagiran, Syukrul Hamdi, Edi Istiyono, Ahmad Fauzi Mohd Ayub, Sintha Sih Dewanti</i> <i>Integrating the 21st Century Character Values for Elementary School Students</i> <i>Ilkogretim Online 20(3), 33-43, 2021</i> http://dx.doi.org/10.17051/ilo.2015.85927 2. <i>A Model of Lecturer Performance Evaluation: Sustainable Lecturer Performance Mapping.</i> <i>Trie Hartiti Retnowati, Djemari Mardapi, Badrun Kartowagiran, Syukrul Hamdi</i> <i>International Journal of Instruction, 14(2), 83-102, 2021</i> https://eric.ed.gov/?id=EJ1291021 3. <i>Developing an Instrument to Measure the Pre-Service Teacher's Personality Competence In The Industrial Revolution 4.0</i> <i>Badrul Kartowagiran, Suyanta, Amat Jaedun, Syukrul Hamdi, Ahman, Rusijono, Lukman A.R. Laliyo</i> <i>4th International Conference of Social Science and Education (ICSSSED) 2020, 1, 9-17, 2021</i> 4. <i>How Good is Google Classroom in Online Learning of Experimental Design Analysis Courses: A Discrepancy Evaluation</i> <i>A I Sanam, Syukrul Hamdi</i> <i>4th International Conference of Social Science and Education (ICSSSED) 2020, 48-57, 2021</i> 5. <i>Evaluation of Managerial Distance Learning Program in Junior High School Special Region of Yogyakarta</i> <i>Muhammad Amirrudin, Syukrul Hamdi</i> <i>4th International Conference of Social Science and Education (ICSSSED) 2020, 87-94, 2021</i> 6. <i>Implementation of Four-Tier Multiple-Choice Instruments Based on the Partial Credit Model in Evaluating Students' Learning Progress</i> <i>Citra Panigoro Lukman Abdul Rauf Laliyo, Syukrul Hamdi, Masrid Pikoli, Romario Abdullah</i> <i>European Journal of Educational Research, 12(2), 2021, 825-840</i> https://eric.ed.gov/?id=EJ1294534 7. <i>Is Online Learning Effective Implemented in the Outbreak of Covid-19?(An Evaluation Approach in the Vocational High Schools)</i> <i>Dwi Novita Sari, Syukrul Hamdi</i> <i>Jurnal Pendidikan Teknologi Dan Kejuruan, 27(2), 2021, 117-125</i> https://doi.org/10.21831/jptk.v27i2.36107 8. <i>The Development of Life Skill Education Evaluation Model at Life Skill Training Centre</i> <i>Edi Subarkah, Badrun Kartowagiran, Syukrul Hamdi, Abdul Rahim</i>		

	<i>International Journal of Educational Methodology</i>, 8(2), 2022 https://eric.ed.gov/?id=EJ1345400
9.	<i>Content validation of digital instrument for measurement of pedagogic competence for social science teacher candidates in the industrial revolution 4.0 era in Indonesia</i> I Gede Astra Wesnawa, Badrun Kartowagiran, Amat Jaedun, Syukrul Hamdi, Samsul Hadi, Endang Susantini, Dadang Sunendar, Lukman Abdul Rauf Laliyo, Putu Indra Christiawan, and Dewa Gede Hendra Divayana <i>Int. J. Inf. Educ. Technol</i>, 12, 1424-1430, 2022 https://www.ijiet.org/show-182-2346-1.html
10.	<i>The ability of Junior High School mathematics teachers writing Higher Order Thinking Skills (HOTS) questions</i> Syukrul Hamdi, Badrun Kartowagiran, Edi Istiyono, Hadi Nur Rahman <i>Jurnal Riset Pendidikan Matematika</i>, 9(2), 2022, 115-123 https://scholarhub.uny.ac.id/jrpm/vol9/iss2/9/
11.	<i>Developing competency evaluation of pre-service science teachers in industrial revolution 4.0: Revealing pedagogic and professional competencies</i> Endang Susantini, Badrun Kartowagiran, Syukrul Hamdi, Samsul Hadi, Amat Jaedun, I Gede Astra Wesnawa, Dadang Sunendar, Lukman Abdul Rauf Laliyo <i>International Journal of Educational Methodology</i>, 8(2), 347-362, 2022
12.	<i>Trigger questions in mathematics learning simulation in micro teaching course: An overview of asking question types</i> Raden Rosnawati, Tuharto, Syukrul Hamdi <i>AIP Conference Proceedings</i>, 2575, 1, 2022 https://pubs.aip.org/aip/acp/article-abstract/2575/1/050024/2830155/Trigger-questions-in-mathematics-learning
13.	<i>Developing of computer-based tests on essay-type questions: Application in curriculum and learning of mathematics courses</i> <i>AIP Conference Proceedings</i>, 2575, 1, 2022 https://pubs.aip.org/aip/acp/article-abstract/2575/1/080022/2830578/Developing-of-computer-based-tests-on-essay-type
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	<i>BERBAKTI: Jurnal Pengabdian Kepada Masyarakat</i>, 2(3), 289-298 https://doi.org/10.30822/berbakti.v2i3.3924 27. APPLICATION OF MAMDANI FUZZY LOGIC IN REFRIGERATOR SELECTION Anisa Dwi Oktarina, Agus Maman Abadi, Syukrul Hamdi <i>BAREKENG: Jurnal Ilmu Matematika dan Terapan</i>, 19(3), 1681-1698, 2025 https://doi.org/10.30598/barekengvol19iss3pp1681-1698		
Activities in specialist bodies over the last 5 years	<i>Organisation</i> Himpunan Evaluasi Pendidikan Indonesia (HEPI) <i>Membership without a specific role need not be mentioned</i>	<i>Role</i>	<i>Period</i> 2023-2027