

Staff Handbook (Curriculum Vitae)

Name	Siti Lailiyah		
Post	Mathematics Education, Geometry, Assistant Professor in Mathematics		
Academic career	The Head of the Mathematics and Science Education Department	UIN Sunan Ampel Surabaya	2022
	The Secretary of the Mathematics and Science Education Department	UIN Sunan Ampel Surabaya	2018
	The Editor in Chief of the Mathematics Learning Review Journal	UIN Sunan Ampel Surabaya	2016
	Doctor of Mathematics Education	Malang State University	2012
	Junior Lecturer	UIN Sunan Ampel Surabaya	2010
Employment	Lecturer	UIN Sunan Ampel Surabaya	2009-current
Research and development projects over the last 5 years	<ol style="list-style-type: none"> 1. Research on the Effectiveness of Using Problem Based Learning Integrated into Phet to Improve Mathematical Critical Thinking and Problem-Solving Ability, UINSA Grant, Rp.100,000,000,00, 2021 2. Profile of 21st Century Mathematics Skills for PPL Students (Teaching Internship Program) of Mathematics Education, UINSA grant, IDR 24,000,000, 2019. 3. The Role of Community Empowerment in Fostering a Reading Culture Through the Implementation of a Reading Mandatory Curriculum at Madrasah Ibtidaiyah in Surabaya, DIKTIS grant, Rp. 75,000,000, 2018. 		

	<ol style="list-style-type: none"> 4. Improving the Quality of Writing Scientific Papers Towards National Accredited Journals and Reputable International Journals, DIKTIS grant, IDR 40,000,000, 2018. 5. Analysis of the Relationship between Analogical Reasoning and Reflective Thinking: An Overview of Students with High Mathematical Abilities, UINSA Grant, IDR 17,500,000, 2017. 6. Management of E-Journals Towards Nationally Accredited Journal, DIKTIS Grant, IDR 30,000,000, 2017.
<p>Industry collaborations over the last 5 years</p>	<ol style="list-style-type: none"> 1. Test Item Writer of Madrasah Science Competition (KSM) at Regency/City, Provincial and National Levels, The Ministry of Religious Affairs in 2022. 2. Mathematics Online Learning Trainer, Al Islam Islamic Boarding School Joresan Mlarak Ponorogo, 2022. 3. Test Item Writer of Madrasah Science Competition (KSM) at Regency/City, Provincial and National Levels, Ministry of Religion, 2021. 4. Test Item Writer of Enrollment Examination for State Islamic Religious Colleges (UMPTKIN), Ministry of Religion, 2021. 5. Trainer of Teacher Competency Development and Training in Middle School Numeration, Education Quality Improvement Consortium (EQuIC), 2021. 6. Test Item Writer of National KSMO (Online Madrasah Science Competition), Ministry of Religion, 2020. 7. Test Item Writer of Madrasah Science Competition (KSM) at the District/City, Provincial and National Levels. Ministry of Religion. year 2019. 8. Trainer of Workshop on Active Learning Media for Physics, Biology and Rural Mathematics Teachers (Science4Rural and Math4Rural). Education Quality Improvement Consortium (EQuIC), 2019. 9. Trainer of Math4RuralSeries 3: Development of Mathematics Learning Media (Development of the Quality of Mathematics Education in Islamic Rural Schools for the Middle School level), Education Quality Improvement Consortium (EQuIC), 2018. 10. Trainer of Math4Rural Series 4: Development of Mathematics Learning Media (Development of the Quality of Mathematics Education in Islamic Rural Schools for the Middle School level), Education Quality Improvement Consortium (EQuIC), 2018.

Patents and proprietary rights	Title	Year
Important publications over the last 5 years	<p>Selected recent publications from a total of approx.: 30</p> <ol style="list-style-type: none"> 1. Siti Lailiyah, Kusaeri, Endah Retnowati, Erman. A Ruppert's framework: How do prospective teachers develop analogical reasoning in solving algebraic problems?, <i>JRAMathEdu (Journal of Research and Advances in Mathematics Education)</i>, 2022, 7 (3), 2. Kusaeri, Siti Lailiyah, Tatik Indayati. PHET and PBL: Do They Work Well Together in Improving Mathematical Critical Thinking and Problem Solving Ability?. <i>Jurnal Pendidikan Progresif</i>, 2022, 12 (2), 591-607 3. Kusaeri, S Lailiyah, Y Arrifadah, S Asmiyah. Enhancing Creative Reasoning through Mathematical Task: The Quest for an Ideal Design. <i>International Journal of Evaluation and Research in Education (IJERE)</i>, 2022, 11 (2), 482-490 4. Robiatul Adawiyah, Uswatun Hasanah, Aulia Kaffah Firdausi, Siti Lailiyah. Analisis Multivarian Terhadap Efektivitas Pembelajaran Daring pada Siswa di Sekolah Dasar Kelas Atas. <i>Bidayatuna Jurnal Pendidikan Guru Mandrasah Ibtidaiyah</i>, 2022, 5 (1), 1-20 5. Masluhah Masluhah, Syafaatul Udhmah, Nur Fajriyatul Isnaini, Siti Lailiyah. Efektivitas Pembelajaran Daring Dalam Meningkatkan Kecakapan Teknologi Dan Kelekatan Orang Tua Dengan Siswa Sekolah Dasar. <i>AULADUNA: Jurnal Pendidikan Dasar Islam</i>, 2022, 9 (1), 69-82 6. Siti Laliliyah. Attachment of Parents with Elementary School Students. <i>AULADUNA: Journal of Islamic Basic Education</i>, 2022, 9(1), 69-82 7. Aji Pangestu, Muhammad Firman Fatah, Ashfiyatul Untsa, Siti Lailiyah. Efektivitas Penggunaan Media Youtube dan Quiziz dalam Meningkatkan Motivasi Belajar Siswa Madrasah Ibtidaiyah. <i>Jurnal Basicedu</i>, 2022, 6 (5), 8775-8784 8. Imroatus Sulthoniyah, Vina Nur Afianah, Kiki Rizkiatul Afifah, Siti Lailiyah. Efektivitas Model Hybrid Learning dan 	<p>2019</p>

- Blended Learning Terhadap Motivasi Belajar Siswa Sekolah Dasar. *Jurnal Basicedu*, 2022, 6 (2), 2466-2476
9. Nadia Risyah Faridah, Eka Nur Afifah, **Siti Lailiyah**. Efektivitas Model Pembelajaran Project Based Learning Terhadap Kemampuan Literasi Numerasi dan Literasi Digital Peserta Didik Madrasah Ibtidaiyah. *Jurnal Basicedu*, 2022, Vol 6 (1).
10. Ihda Mutimmatul Fitriyah, Yuni Arrifadah, **Siti Lailiyah**. Semiotics of mathematics problem-solving in Mason's generalization. *Jurnal Riset Pendidikan Matematika*, 2021, 8 (1), 11-21.
11. Lailatuz Zuhro, Mufidatus Sholikhah, Valensiana Vortunata Ari Ustoyo, **Siti Lailiyah**. Pengaruh Layanan Home Visit dan Partisipasi Orang Tua Terhadap Hasil Belajar Matematika Siswa Sekolah Dasar di Tengah Pandemi Covid-19. *Jurnal Review Pembelajaran Matematika*, 2021, 6 (2), 154-165.
12. Hernik Farisia, Husniyatus Salamah Zainiyati, Ali Mudlofir, **Siti Lailiyah**. Pendampingan pengembangan budaya baca di MI Yaphiston Surabaya. *Publikan Journals*, 2021, 11 (2), 1-14.
13. Husna Atiya, Siti Romi Syamsiyah, Muhammad Nurul Arifin, **Siti Lailiyah**. Pengaruh Pembelajaran Daring (Dalam Jaringan) Terhadap Prestasi Matematika Siswa SD di Era Pandemi Covid-19. *Elementary: jurnal ilmiah pendidikan dasar*, 2021, 7 (2), 141-152.
14. **Siti Lailiyah**, Nuriyatul Muslimah, Sutini. Do students with different cognitive styles have similar levels of statistical thinking? Beta: *Jurnal Tadris Matematika*, 2021, 14 (1), 15-33.
15. Diana Zuschaiya, Endras Wari, Yuni Agustina, **Siti Lailiyah**. Pengaruh kesiapan belajar dan kemampuan berhitung terhadap hasil belajar Matematika. *JPMI-Jurnal Pembelajaran Matematika Inovatif*, 2021, 4 (3), 517-528.
16. Inqidloatul Amaniyah, Ika Rahmawati, **Siti Lailiyah**. As Efektivitas Pembelajaran Daring Menggunakan Google Meet dan Whatsapp Group untuk Meningkatkan Hasil Belajar Matematika Selama Pandemi Covid 19. *MODELING: Jurnal Program Studi PGMI*, 2021, 8 (1), 28-42.
17. **Siti Lailiyah**, Sihhatul Hayat, Siti Urifah, Maunah Setyawati. Levels of students' mathematics anxieties and the impacts on online mathematics learning. *Cakrawala Pendidikan: Jurnal Ilmiah Pendidikan*, 2021, 40 (1), 107-119.

18. Achmad Fatkhurrozi, Inqidloatul Amaniyah, Ika Rahmawati, *Siti Lailiyah*. As efektivitas pembelajaran daring menggunakan google meet dan whatsapp group untuk meningkatkan hasil belajar Matematika selama pandemi Covid 19. *Modeling: Jurnal Program Studi PGMI*, 2021, 8(1), 28-42.
19. **Siti Lailiyah**. Profil Berpikir Kritis Calon Guru Matematika Dalam Pembuktian Teorema Geometri. *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, 2020, 9 (1), 190-204.
20. **Siti Lailiyah**, Kusaeri Kusaeri, Wenda Yulian Rizki. Identifikasi proses berpikir siswa dalam menyelesaikan masalah aljabar dengan menggunakan representasi graf. *Jurnal Riset Pendidikan Matematika*, 2020, 7(1), 24-45.
21. Sutini, Mohammad Mushofan, Aizza Ilmia, Anisa Dwi Yanti, Annisa Nur Rizky, **Siti Lailiyah**. Efektivitas pembelajaran daring dengan menggunakan e-learning madrasah terhadap optimalisasi pemahaman Matematika siswa. *Jurnal Review Pembelajaran Matematika*, 2020, 5(2), 124-136.
22. Evi Dian Risalatul Ummah, Nur Lailatus Solichah, Moh. Arif Purnomo, **Siti Lailiyah**, Novi. Kurniawati. The Development Of Learning Module Trigonometry Equation Material Integrated Islamic Values To Improve Students learning Outcome. *Jurnal Matematika dan Pembelajaran, Jurusan Pendidikan Matematika IAIN Ambon*, 2019, 7(2), 70-80.
23. **Siti Lailiyah**, Ahmad Lubab, Agus Prasetyo Kurniawan. Identification of Calculation and Measurement Estimation Strategies Based on Visual-Spatial Intelligence. *5 th ICRIEMS Proceedings Universitas Negeri Yogyakarta*, 2018, 193-200.
24. Lisanul Uswah Sadieda, **Siti Lailiyah**, Kusaeri, Wahidatul Adawiyah. Exploring student's pattern generalisation strategy in solving prism sticker problem. **Jurnal Tadris Matematika**, 2018, 11 (2), 131-143.
25. **Kusaeri**, Siti Lailiyah, Yuni Arrifadah, Ni;matul Hidayah. Proses Berpikir Siswa dalam Menyelesaikan Masalah Matematika Berdasarkan Teori Pemrosesan Informasi. *Suska Journal of Mathematics Education*, 2018, 4 (2), 125-141.
26. **Siti Lailiyah**, Toto Nusantara, Cholis Sadi'jah, Edy Bambang Irawan, Kusaeri, Hanif Asyar. Structuring students' analogical reasoning in solving algebra problem. *IOP*

	<p><i>Conference Series: Materials Science and Engineering</i>, 2018, 296 012029 (1), 1-6.</p> <p>27. Rosidatul Ilma, Asep Saepul Hamdani, Siti Lailiyah. Profil Berpikir Analitis Masalah Aljabar Siswa Ditinjau dari Gaya Kognitif Visualizer dan Verbalizer. <i>Jurnal Review Pembelajaran Matematika</i>, 2017, 2(1), 1-14.</p> <p>28. Siti lailiyah. Mathematical literacy skills of students' in term of gender differences. <i>AIP Conference Proceedings</i>, 2017, Vol. 1868, 0500191-05001912.</p> <p>29. Siti Lailiyah, Toto Nusantara, Cholis Sa'dijah, Edy Bambang Irawan. Developing Students' Analogical Reasoning Through Algebraic Problems. <i>Jurnal Pendidikan Sains</i>, 2017, 5 (2), 38-45.</p> <p>30. Siti Lailiyah, Ayuk Hariyanti. Pengembangan perangkat pembelajaran berbasis masalah Matematika dengan strategi Draw a Picture. <i>Prosiding Seminar Nasional Matematika dan Pendidikan Matematika, IKIP Siliwangi</i>, 2017, Vol 5, 265-274.</p>						
<p>Activities in specialist bodies over the last 5 years</p>	<table border="1"> <thead> <tr> <th data-bbox="533 972 826 1010">Organisation</th> <th data-bbox="826 972 1182 1010">Role</th> <th data-bbox="1182 972 1393 1010">Period</th> </tr> </thead> <tbody> <tr> <td data-bbox="533 1010 826 1167"></td> <td data-bbox="826 1010 1182 1167"></td> <td data-bbox="1182 1010 1393 1167"></td> </tr> </tbody> </table>	Organisation	Role	Period			
Organisation	Role	Period					