

STAFF HANDBOOK



Name	Dr. Elok Sudiby, S.Pd., M.Pd.			
Position	Lecturer at Science Education, Universitas Negeri Surabaya (UNESA)			
Academic Career	Bachelor Degree	Physics education, IKIP Surabaya	Graduated 1995	
	Master Degree	Science Education, IKIP Surabaya	Graduated 1998	
	Doctoral Degree	Science Education, UNESA	Graduated 2016	
Employment	Lecturer	Universitas Negeri Surabaya	1999 - now	
Research and Project over the last 5 years	Title	Funder	Year	Amount of Financcing (Million)
	Pengembangan Instrumen Penilaian Kompetensi Literasi Sains Berbasis Kearifan Lokal Dalam Melacak Pemahaman Peserta Didik Terhadap Isu-Isu Kesehatan	Penelitian Kompetitif FMIPA LPPM	2022	20
	Pemetaan Karya Penelitian Dosen Dan Mahasiswa Dalam Rangka Identifikasi Potensi Unggulan Fmipa Untuk Mendukung Pengembangan Kerjasama Pusat Kajian Matematika, Ipa, Dan Pembelajaran	Penelitian Kompetitif FMIPA LPPM	2022	20
	Pelatihan Pembuatan Instrumen Penilaian Pembelajaran Ipa Berorientasi Project Based Learning (Pjbl) Pada Guru Ipa Di Kabupaten Magetan	Kebijakan Fakultas (FMIPA)	2022	10

	Development of FMIPA Unesa Customer Satisfaction Instruments	-	2019	-
	Development of Critical Thinking Skills Instruments for Middle School Students	-	2019	-
	Development of Interactive Multimedia for Science-Based Gawai Learning for Improving Students' Literacy Skills	-	2018	-
Industry Collaboration cover the last 5 years	<ol style="list-style-type: none"> 1. Assistance for making worksheets for science teachers in Jombang regency 2. Assistance in making use of game media for junior high school science teachers in Jombang 3. Training on making RPP Curriculum 2013 for Banyuwangi science teachers 4. Assistance with the making of an instrument for the description of junior high school science teacher in Kediri regency 5. Assistance with the making of an instrument for the description of junior high school science teacher in Lamongan regency 			2015 2016 2017 2018 2019
Patents and Property right		-		-
Important Publications over the last 5 years	<ol style="list-style-type: none"> 1. Ramadhani, P. I., Hariyono, E., & Sudibyo, E. (2023). Development Of Students' Worksheet Through Guided Inquiry Model To Increase Science Process Skills In The Harmonic Vibration Subject. <i>Ijorer : International Journal Of Recent Educational Research</i>, 4(4), 469-480. https://doi.org/10.46245/ijorer.V4i4.319. 2. Hanifah, A., Sudibyo, E., Munasir, & Budiyanto, M. (2023). Contextual-Based Physics Learning Through Experimental Method To Increase Learning Outcomes In Thermodynamics Material. <i>Studies In Learning And Teaching</i>, 4(2), 250-259. 3. Sulistyani, K., Indana, S., & Sudibyo, E. (2022). The Analysis Effectiveness Of Guided Inquiry Implementation To Improve Students' Science Process Skills. <i>Ijorer : International Journal Of Recent Educational Research</i>, 3(6), 672-687. https://doi.org/10.46245/ijorer.V3i6.258 4. Permatasari, D., Sudibyo, E., & Budiyanto, M. (2022). The Effect Of Cooperative Model Type Of Student Team Achievement Division (Stad) Assisted With Video Media Learning On The Interaction Of Living Things With Their Environment On Student Learning Outcomes. <i>Jppipa (Jurnal Penelitian Pendidikan Ipa)</i>, 7(1), 40-46. https://doi.org/10.26740/jppipa.V7n1.P40-46. 5. Nurhayati, N., Rudiana Agustini, & Elok Sudibyo. (2022). Analysis Of Critical Thinking Skills Of Middle School Students On Environmental Pollution Materials. <i>Ijorer : International Journal Of Recent Educational Research</i>, 			

- 3(1), 100-109. <https://doi.org/10.46245/ijorer.V3i1.186>
6. Cahyanti, A. D., **Sudiby, E.**, & Rahayu, Y. S. (2022). Efektifitas E-Book Ensiklopedia Serangga Dengan Strategi Mind Mapping Untuk Melatihkan Keterampilan Berpikir Kreatif Siswa. *Jurnal Pendidikan Biologi*, 13(1), 66–75.
 7. Khoirunnisa, S.I ; **Sudiby,E.** Profil Keterampilan Kolaborasi Siswa Smp Dalam Implementasi Model Pembelajaran Kooperatif Tipe Stad. *Scienceedu*, [S.L.], V. 6, N. 1, P. 89-97, June 2023. Issn 2685-2071. <https://doi.org/10.19184/Se.V6i1.40152>.
 8. Nabilah, W., **Sudiby, E.** , & Aulia, E. V. (2022). Foster Student’s Science Literacy Skills On Environmental Pollution Topics Through The Etnoscience Approach . *Jurnal Pijar Mipa*, 17(3), 387–393. <https://doi.org/10.29303/jpm.V17i3.3506>
 9. Rosanti, L., & Sudiby, E. (2022). Peningkatan Keterampilan Proses Sains Peserta Didik Smp Menggunakan Model Pembelajaran Guided Inquiry Pada Materi Kalor. *Pensa: E-Jurnal Pendidikan Sains*, 10(3), 401-408. Retrieved From <https://ejournal.unesa.ac.id/index.php/pensa/article/view/45513>
 10. Riska Dwi Angraini, Tjipto Prastowo, & **Elok Sudiby.** (2022). Analysis Of Problem Solving Skills In The Vocational High School Using Direct Current Electricity As A Case Study. *Ijorer : International Journal Of Recent Educational Research*, 3(3), 301-311. <https://doi.org/10.46245/ijorer.V3i3.219>
 11. Silvia, L. Lu Us, **Sudiby, E.** , & Aulia, E. V. . (2022). Concept Mapping Effect On The Cognitive Learning Outcomes Of The Concept Of Classification Materials And Their Changes. *Jurnal Pijar Mipa*, 17(4), 486–492. <https://doi.org/10.29303/jpm.V17i4.3656>
 12. Nuraini, I., & Sudiby, E. (2022). Pengaruh Model Flipped Classroom Pada Pembelajaran Jarak Jauh Dengan Materi Sistem Peredaran Darah Manusia Untuk Meningkatkan Hasil Belajar Siswa. *Pensa: E-Jurnal Pendidikan Sains*, 10(2), 327-333. Retrieved From <https://ejournal.unesa.ac.id/index.php/pensa/article/view/45295>
 13. Hidah, L., & Sudiby, E. (2022). Penerapan Model Discovery Learning Berbasis Mobile Virtual Laboratory Untuk Meningkatkan Keterampilan Proses Sains Dasar. *Pensa: E-Jurnal Pendidikan Sains*, 10(2), 185-192. Retrieved From <https://ejournal.unesa.ac.id/index.php/pensa/article/view/44737>
 14. Muafiro, A., & Sudiby, E. (2022). Implementasi Lkpd Berbasis Inkuiri Terbimbing Pada Materi Pencemaran Air Untuk Melatihkan Keterampilan Berpikir Kritis Siswa Smp. *Pensa: E-Jurnal Pendidikan Sains*, 10(2), 214-220. Retrieved From <https://ejournal.unesa.ac.id/index.php/pensa/article/view/44768>
 15. Setyarini, D. A., Imam Supardi, Z. A., & Elok Sudiby. (2021). Improving Senior High School Students’ Physics Problem-Solving Skills Through Investigated Based Multiple Representation (Ibmr) Learning Model. *Ijorer : International Journal Of Recent Educational Research*, 2(1), 42-53. <https://doi.org/10.46245/ijorer.V2i1.74>
 16. Fita, M. N., Jatmiko, B., & Sudiby, E. (2021). The Effectiveness Of Problem Based Learning (Pbl) Based Socioscientific Issue (Ssi) To Improve Critical Thinking Skills . *Studies In Learning And Teaching*, 2(3), 1-9. <https://doi.org/10.46627/silet.V2i3.71>

17. Bilkisda, I., & Sudiby, E. (2021). Pengaruh Pembelajaran E-Learning Edmodo Terhadap Kemampuan Berpikir Kritis Siswa Smp Pada Materi Kalor Dan Perpindahannya. Pensa: E-Jurnal Pendidikan Sains, 9(2), 193-198. Retrieved From <https://Ejournal.Unesa.Ac.Id/Index.Php/Pensa/Article/View/38031>
18. E. Wulandari, S. ., And E. Sudiby, "Pengembangan Bahan Ajar Berbasis Inkuiri Berbantuan Multimedia Interaktif Untuk Meningkatkan Keterampilan Berpikir Kritis Siswa Sekolah Dasar", Jurnal Education And Development, Vol. 8, No. 3, P. 101, Aug. 2020.
19. E. Pratiwi, S. ., And E. Sudiby, "Pengembangan Bahan Ajar Berbasis Socio Scientific Issues Dengan Menggunakan Multimedia Interaktif Untuk Melatih Keterampilan Berpikir Kritis Siswa Kelas V Sekolah Dasar", Jurnal Education And Development, Vol. 9, No. 1, P. 273, Jan. 2021.
20. Retno Safitri, K., Jatmiko, B., & Sudiby, E. (2020). Keefektifan Perangkat Pembelajaran Investigation Based Multi Representation Untuk Meningkatkan Keterampilan Pemecahan Masalah. Lensa (Lentera Sains): Jurnal Pendidikan Ipa, 10(1), 40-45. <https://doi.org/10.24929/lensa.v10i1.94>
21. Nur Aziza, D., & Sudiby, E. (2019). Penggunaan Media Pembelajaran Komik Pada Materi Getaran Untuk Meningkatkan Hasil Belajar Siswa. Pensa: E-Jurnal Pendidikan Sains, 7(2). Retrieved From <https://Ejournal.Unesa.Ac.Id/Index.Php/Pensa/Article/View/28096>
22. Sudiby, E., Naini, A. F., & Sabtiawan, W. B. (2019). The Effectiveness Of Student Worksheet To Train Science Process Skills. Jppipa (Jurnal Penelitian Pendidikan Ipa), 4(2), 70–74. <https://doi.org/10.26740/jppipa.v4n2.p70-74>
23. Lindra Ismawanti, F., & Sudiby, E. (2019). Kevalidan Lks Berbasis Guided Discovery Untuk Meningkatkan Hasil Belajar Siswa. Pensa: E-Jurnal Pendidikan Sains, 7(2). Retrieved From <https://Ejournal.Unesa.Ac.Id/Index.Php/Pensa/Article/View/27958>
24. Putri Amiwati, L., & Sudiby, E. (2019). Penerapan Model Pembelajaran Guided Discovery Untuk Meningkatkan Keterampilan Proses Sains Peserta Didik. Pensa: E-Jurnal Pendidikan Sains, 7(2). Retrieved From <https://Ejournal.Unesa.Ac.Id/Index.Php/Pensa/Article/View/27893>
25. Budiyanto, M., Sudiby, E., & Qosyim, A. (2019). Pembelajaran Fisika Dasar Menggunakan E-Learning Untuk Meningkatkan Literasi Sains Mahasiswa. Jppipa (Jurnal Penelitian Pendidikan Ipa), 3(2), 82–86. <https://doi.org/10.26740/jppipa.v3n2.p82-86>
26. Sudiby, E., Nurita, T., & Fauziah, A. N. M. (2018). Penggunaan Lembar Kerja Berorientasi Pendekatan Keterampilan Proses Untuk Melatihkan Keterampilan Proses Sains Siswa Smp. Jppipa (Jurnal Penelitian Pendidikan Ipa), 3(1), 21–26. <https://doi.org/10.26740/jppipa.v3n1.p21-26>

Activities in specialist bodies over the last 5 years