

STAFF HANDBOOK



Name	Dr. Utiya Azizah, M.Pd.		
Position	Lecturer in Chemistry Education		
Academic Career	Degree	University	Year
	Bachelor Degree (Chemistry Education)	IKIP Surabaya – Indonesia	1990
	Master Degree (Natural Sciences Education)	IKIP Surabaya – Indonesia	1998
	Doctoral Degree (Natural Sciences Education)	Universitas Negeri Surabaya – Indonesia	2016
Employment	Position	Employer	
	Associate Professor	Universitas Negeri Surabaya – Indonesia	
Research and Development Project Over the Last 5 Years	Title	Funder	Year
	Pengembangan Media Pembelajaran Daring Kimia (BeDaK) sebagai Solusi Pembelajaran di Era New Normal (<i>Development of Chemistry Online Learning Media (BeDaK) as a Learning Solution in the New Normal Era</i>)	PNBP FMIPA Unesa	2020
	Eksplorasi Perubahan Konseptual dan Keterampilan Metakognitif dalam Pembelajaran Berbasis Problem-Solving pada Mahasiswa Kimia (<i>Exploration of Conceptual Changes and Metacognitive Skills in Problem-Solving-Based Learning Chemistry Students</i>)	PNBP LPPM	2019
	Upaya Peningkatan Keterampilan Berpikir Mahasiswa Melalui Implementasi Bahan Ajar Kimia Dasar I Berbasis Problem Solving secara Blended Learning (<i>Efforts to Improve Students'</i>	PNBP FMIPA Unesa	2019

	<i>Thinking Skills Through the Implementation of Basic Chemistry I Material Based on Problem Solving Based on Blended Learning)</i>		
	Profil Konsepsi Mahasiswa Jurusan Kimia pada Materi Kimia (<i>Chemistry Department Students Conception Profile on Chemistry Topics</i>)	PNBP FMIPA Unesa	2019
	Pemberdayaan Kemampuan Berpikir Mahasiswa Unggulan Melalui Pengembangan Buku Ajar Asesmen Berbasis Pembelajaran Reading, Questioning, and Answering(RQA) (<i>Empowerment of Excel Students' Thinking Ability Through the Development of Assessment Textbooks Based on Reading, Questioning, and Answering (RQA) Learning</i>)	PNBP FMIPA Unesa	2018
	Pengembangan Bahan Ajar Kimia Dasar I Berbasis Problem Solving secara Blended Learning dalam Upaya Meningkatkan Keterampilan Berpikir Mahasiswa (<i>Development of Basic Chemistry I Teaching Materials Based on Problem Solving by Blended Learning as Effort to Improve Students' Thinking Skills</i>)	PNBP FMIPA Unesa	2018
	Pengembangan Perangkat Pembelajaran Mata Kuliah Kimia Dasar Berwawasan Green Chemistry Dalam Rangka Mewujudkan Green Education (<i>Development of Learning Tools for Basic Chemistry Course with Green Chemistry Insights in order to Embodying Green Education</i>)	Penelitian Strategis Nasional Institusi	2018
	Pengembangan Perangkat Pembelajaran Mata Kuliah Kimia Dasar Berwawasan Green Chemistry Dalam Rangka Mewujudkan Green Education (<i>Development of Learning Tools for Basic Chemistry Course with Green Chemistry Insights in order to Embodying Green Education</i>)	Penelitian Sosial, Humaniora, dan Pendidikan	2017
	Pengembangan Perangkat Perkuliahan Kimia Dasar Berbasis Metakognitif untuk Membangun Kemandirian Belajar dan Memprevensi Miskonsepsi	Penelitian Produk Terapan Lanjutan	2017

	Mahasiswa <i>(Development of Basic Chemistry Learning Tools based on Metacognitive for Building Learning Independence and Preventing Student Misconceptions)</i>		
	Penelusuran Lulusan Jurusan Kimia FMIPA Unesa melalui Tracer Study sebagai Umpan Balik Penyempurnaan Kurikulum <i>(Graduates Tracking of Chemistry Department Faculty of Mathematics and Natural Sciences Universitas Negeri Surabaya through Tracer Study as a Curriculum Improvement Feedback)</i>	BOPTN	2016
	Pengembangan Perangkat Perkuliahan Kimia Dasar Berbasis Metakognitif untuk Membangun Kemandirian Belajar dan Mencegah Miskonsepsi Mahasiswa <i>(Development of Basic Chemistry Learning Tools based on Metacognitive for Building Learning Independence and Preventing Student Misconceptions)</i>	Penelitian Hibah Bersaing	2016
Community Service Over The Last 5 Years	Title	Funder	Year
	Pelatihan Pembuatan LKPD Eksperimen Sederhana dalam Upaya Edukasi Guru Kimia di Kabupaten Sampang pada Pembelajaran Blended Learning	PNBP FMIPA Unesa	2021
	Pelatihan Pembuatan Media BeDaK (Pembelajaran Daring Kimia) sebagai Solusi Pembelajaran jarak Jauh) <i>BeDaK Media Making Training (Chemistry Online Learning) as a Distance Learning Solution</i>	PNBP FMIPA Unesa	2020
	Pelatihan Penyusunan Lembar Kerja Peserta Didik (LKPD) Berbasis Model-Model Pembelajaran Inovatif Untuk Meningkatkan Kompetensi Profesional Guru Kimia Kabupaten Sumenep <i>(Student Worksheet (LKPD) Based on Innovative Learning Models to Improve the Professional Competence of Chemistry Teachers in Sumenep Regency)</i>	PNBP FMIPA Unesa	2019
	Pengabdian Kepada Masyarakat	PNBP FMIPA Unesa	2018

	Guru MGMP Kimia Kediri Melalui Pelatihan Model Pembelajaran Berbasis Keterampilan Proses <i>(Community Service for Chemistry MGMP Teachers in Kediri through Training in Process Skills-Based Learning Models)</i>		
	Peningkatan Kompetensi Profesional Guru Kimia Di Kabupaten Blitar Melalui Pelatihan Integrasi Strategi <i>Conceptual Change</i> Dalam Model-Model Pembelajaran Inovatif <i>(Increasing the Professional Competence of Chemistry Teachers in Blitar Regency through Training on Integration of Conceptual Change Strategies in Innovative Learning Models)</i>	PNBP FMIPA Unesa	2017
	Pelatihan Model-model Pembelajaran Inovatif sebagai Upaya Peningkatan Kompetensi Guru Kimia di Banyuwangi <i>(Training on Innovative Learning Models as an Effort to Improve the Competence of Chemistry Teachers in Banyuwangi)</i>	PNBP FMIPA Unesa	2016
Industry Collaborations Over the Last 5 Years	Title	Partner	Year
Patents and Property Right	Title	Patent ID	Year
	Buku Suplemen Termokimia Berbasis <i>Problem Solving</i> <i>(Thermochemistry Supplement Book Based on Problem Solving)</i>	EC00202018380	2020
	Buku Kimia Dasar I <i>(Basic Chemistry I Book)</i>	EC00201947484	2019
	Student Activity Sheets (SAS) Oriented Chemo-Entrepreneurship On Colloid Matter To Train Creative Thinking Skills (Bilingual Version)(Book)	EC00201941485	2019
	Instrumen Tes Pelacakan Konsepsi untuk Mencegah Miskonsepsi Mahasiswa dalam Perkuliahan Kimia Dasar <i>(Conception Tracking Test Instrument for Preventing Student Misconceptions in Basic Chemistry Lectures)</i>	C00201702815	2017
	Instrumen untuk Mengukur	C00201702803	2017

	Kemandirian Belajar Mahasiswa (<i>Instrument for Measuring Student Learning Independence</i>)		
	Buku Organisasi dan Manajemen Laboratorium Pendidikan Kimia (<i>Chemistry Education Laboratory Organization and Management Book</i>) ISBN: 978-979-028-349-7	C00201602905	2016
	Buku Larutan (Solution Book)	C00201603489	2016
	Buku Asesmen (<i>Assessment Book</i>)	C00201602919	2016
<p style="text-align: center;">Important Publications Over the Last 5 Years</p>	<ol style="list-style-type: none"> 1. Afifah, U.N. and Azizah, U. (2021). Implementation of Guided Inquiry-Based on Blended Learning to Improve Students' Metacognitive Skills in Reaction Rate. <i>International Journal of Chemistry Education Research (IJCER)</i>, Vol. 5, No. 1, pp. 1-1 , p-ISSN 2549-9947, e-ISSN 2614-1426 . 2. Meistasari, R.D. and Azizah, U. (2021). Improving Metacognitive Skills through Schoology-Based Blended Learning With Scientific Approach. <i>Jurnal Pajar (Pendidikan dan Pengajaran)</i>, Vol. 5, No. 3, pp. 778-789 , p-ISSN 2580-8435, e-ISSN 2614-1337. 3. Lalian, A.P., Yuanita, L., and Azizah, U. (2020). Validity, Effectiveness, and Practicality of Learning Media Using Advance Organizer to Increase Critical Thinking on Colloid Material of Senior High School. <i>International Journal of Scientific and Research Publication (IJSRP)</i>, Volume 10, Issue 1, January 2020. pp. 87-100. ISSN 2250-3153. 4. Nasrudin, H. and Azizah, U. (2020). Overcoming Misconception In Energetic Topics Through Implementation Of Metacognitive Skills-Based Instructional Materials: A Case Study in Student of Chemistry Department, Universitas Negeri Surabaya <i>Jurnal Pendidikan IPA Indonesia (Indonesian Journal of Science Education)</i>, Q2, SJR 2019: 0.45. Vol 9. No.1, March 2020. 5. Parameswari, P. and Azizah, U. (2020). Model Pembelajaran Remap NHT untuk Meningkatkan Keterampilan Berpikir Kritis Peserta Didik pada Materi Keseimbangan Kimia (NHT Remap Learning Model to Improve Students' Critical Thinking Skills in Chemical Equilibrium Material). <i>Jurnal Zarah</i>, Vol. 8 No.1 Mei 2020. pp. 30-37. p-ISSN 2354-7162, e-ISSN 2549-2217 6. Wahyuningsih, S., Raharjo, and Azizah, U. (2020). Development of Teaching Books Based on Science Pop Up To Train Critical Thinking Skills of Elementary Students. <i>International Journal for Educational and Vocational Studies</i>. Vol. 2, No. 5. May 2020. e-ISSN: 2684-6950. 7. Triyani, R. and Azizah, U. (2020). Training Of Science Literacy Skills In Chemical Equilibrium through Implementation Guided Inquiry Learning. <i>Jurnal Tadris Kimiya (JTK)</i>. Volume 5, Nomor 1. pp 35-47. Juni 2020. ISSN 2527-9637 (online) ISSN 2527-6816 (print). 8. Erawati, Y., Raharjo, and Azizah, U. (2020). Pengembangan Media Ensiklopedia Bentuk dan Fungsi Tumbuhan Melatihkan Berpikir Kritis Siswa Sekolah Dasar (Development of Encyclopedia Media of Plant Forms and Functions to Train Elementary School Students' Critical Thinking). <i>Jurnal Bidang Pendidikan Dasar (JBPD)</i>. Vol.4. No. 2. pp. 89-99. Juni 2020. ISSN (print): 2549-0125. ISSN (online): 2549-0117. 9. Rosa, M.P., and Azizah, U. (2020). Training the Critical Thinking Skills 		

- of Students Using The Problem Solving Learning Model In Chemical Equilibrium. *Journal of Chemistry Education Research (JCER)*. Vol. 4. No. 1. pp 33-42. Juni 2020. ISSN: 2549-1644.
10. Erawati, Y., Raharjo, and **Azizah, U.** (2020). Developing Encyclopedia Media on Form and Function of Plant to Train Elementary Students' Critical Thinking Skill. *International Journal for Educational and Vocational Studies (IJEVS)*. Vol.2 No.6 June 2020. pp 401-406. E-ISSN: 2684 – 6950.
 11. Zakaria, F., Suryanti, and **Azizah, U.** (2020). Pengembangan Multimedia Interaktif Berbasis Pendekatan SETS Untuk Meningkatkan Kemampuan Berpikir Kritis Siswa Sekolah Dasar (Development of Interactive Multimedia Based on the SETS Approach to Improve Critical Thinking Ability of Elementary School Students). *Jurnal Basicedu: Research and Learning in Elementary Education*, volume 4, nomor 3, pp. 681-689, July 2020. P-ISSN: 2580-3735; e-ISSN: 2580-1147.
 12. Yudawindantika, A.S. and **Azizah, U.** (2020). Peningkatan Keterampilan Interpretasi dan Inferensi dengan Menerapkan Model Pembelajaran Kooperatif Group Investigation pada Materi Asam Basa (Improving Interpretation and Inference Skills by Applying the Group Investigation Cooperative Learning Model on Acid-Base Matter). *Jurnal Pendidikan dan Pembelajaran Kimia (JPPK)*. Volume 9, Nomor 2. pp 33-46. Agustus. 2020. e-ISSN: 2714-9595/ p-ISSN 2302-1772.
 13. Hartini, D.Y. and **Azizah, U.** (2019). Development of Worksheet With Chemo-entrepreneurship Oriented On Colloid Matter To Train Creative Thinking Skill. *JPPS (Jurnal Penelitian Pendidikan Sains)* Volume 8. No. 2.
 14. Burhanuddin, **Azizah, U.**, and Ibrahim, M. (2019). Improving critical thinking skill of preservice chemistry teacher through writing assignment. *IOP Conf. Series: Journal of Physics: Conference Series (JPCS)*, volume 1307, (2019) 012018. doi:10.1088/1742-6596/1307/1/012018.
 15. Hanum, A., **Azizah, U.** and Cahyaningrum, S.E. (2019). Training Students' Critical Thinking Skills through Implementation of Problem Solving Models on Reaction Rate Materials. *International Journal of Scientific and Research Publication (IJSRP)*, Volume 9, Issue 11, November 2019. pp. 369-373. ISSN 2250-3153.
 16. **Azizah, U.**, Nasrudin, H., and Mitarlis. (2019). Metacognitive Skills: A Solution in Chemistry Problem Solving. *IOP onf. Series: Journal of Physics: Conference Series (JPCS)*, volume 1417, Number 1, (2019) 012084. doi:10.1088/1742-6596/1417/1/012084.
 17. Ramadhani, L., Sukarmin, and **Azizah, U.** (2019). The Development of Demische Software to Detect and Reduce Misconception in Chemical Equilibrium through Conceptual Change Text Strategy. *Atlantis Highlights in Chemistry and Pharmaceutical Science*. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2.
 18. **Utiya Azizah**, Nasrudin H., and Rusmini. (2019). Problem-Solving based Teaching Materials: an Important Role in Enhancing Undergraduate Students Thinking Skills. *Atlantis Highlights in Chemistry and Pharmaceutical Science*. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2.
 19. Agustyaningsih, S., Sukarmin, and **Utiya Azizah.** (2019). The Development Of Anti Miskim Software To Reduce Misconception Of Students On Buffer Solution Matter Through Conceptual Change Text Strategy. *Atlantis Highlights in Chemistry and Pharmaceutical Science*. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2.

20. Purmawanti, D.E., **Azizah, U.** and Cahyaningrum, S.E. (2019). The Effectiveness of Guided Discovery Based Learning Materials to Increase Students' Learning Outcomes. *Atlantis Highlights in Chemistry and Pharmaceutical Science. volume 1. ISSN: 2590-3195, ISBN: 978-94-6252-877-2.*
21. **Azizah, U.**, Nasrudin, H. and Mitarlis. (2019). The Validity of Problem-Solving Based Teaching Materials for the Exploration of Conceptual Change and Metacognitive Skills. *Proceedings of the 7th Mathematics, Science, and Computer Science International Seminar, MSCEIS 2019, 12 October 2019*, Bandung, West Java, Indonesia. (European Union Digital Library/EUDL)
22. Yonata, B., Novita, D., **Azizah, U.**, and Mitarlis. (2019). First Year Conception of Students in the Concept of Atom and Periodic System Elements. *Proceedings of the 7th Mathematics, Science, and Computer Science International Seminar, MSCEIS 2019, 12 October 2019*, Bandung, West Java, Indonesia. (European Union Digital Library/EUDL)
23. Suyatno, **Azizah, U.**, Allamin, S. (2019). Effectiveness of the Guided Inquiry Model Integrated with STEM to Improve the Student Critical Thinking Skills in Chemistry Learning. *International Journal of Innovative Science and Research Technology (IJISRT), Volume 4, Issue 12, December 2019. pp. 349-353. ISSN No:-2456-2165.*
24. Aprilia, F.F. and **Azizah, U.** (2018). Implementation Problem-Based Learning Model to Enhance Self-Regulated Learning on Material of Colloidal System. *Advances in Engineering Research, Atlantis Press, Vol 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7.*
25. Allamin, S., Sutoyo, S. and **Azizah, U.** (2018). The Validity of Teaching Materials Used Guided Inquiry Model Integrated with STEM to Train Student's Critical Thinking Skills on Thermochemistry Topic. *Advances in Engineering Research, Atlantis Press, Volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7.*
26. **Azizah, U.** and Nasrudin, H. (2018). Development of Chemistry Instructional Materials based on Cooperative Group Investigation (CGI) to Empower Thinking Skills. *IOP Conf. Series: Journal of Physics: Conf. Series 1108 (2018) 012122 doi:10.1088/1742-6596/1108/1/012122.*
27. Damayanti, M. and **Azizah, U.** (2018). Training The Problem Solving Skill by Implementation Guided Discovery Learning Model at The Reaction Rate. *Unesa Journal of Chemical Education, Vol 7 No 1 pp: 33-38*
28. Mitarlis, **Azizah, U.** and Yonata, B. (2018). Pemanfaatan Indikator Alam dalam Mewujudkan Pembelajaran Kimia Berwawasan Green Chemistry (Utilization of Natural Indicators in Embodying Chemistry Learning with Green Chemistry Insight). *Jurnal Penelitian Pendidikan IPA (JPPIPA) Prodi Pendidikan Sains FMIPA Unesa, Vol.3. No.1.*
29. Mitarlis Mitarlis, **Azizah, U.** and Yonata, B. (2018). Designing of Basic Chemistry Course to Support Learning Curriculum with Green Chemistry Insight. *Advances in Intelligent System Research (AISR), volume 157. ISSN: 1951-6851, ISBN: 978-94-6251-601-3*
30. Mitarlis, **Azizah, U.** and Yonata, B. (2018). Alternative Lesson Design of Basic Chemistry Learning to Integrate Green Chemistry Principles as View of Scientific Character Values. *Advances in Engineering Research, Atlantis Press, Volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7.*
31. H. Nasrudin and **Azizah, U.** 2018. Integrasi Strategi Conceptual Change dalam Model Pembelajaran Inovatif untuk Meningkatkan Kompetensi

- Profesional Guru Kimia Kabupaten Blitar (Integration of Conceptual Change Strategies in Innovative Learning Models to Improve the Professional Competence of Chemistry Teachers in Blitar District). *Jurnal Abdi, Vol 3 No 2 pp:57-62*
32. Nasrudin, H. and **Azizah, U.** (2018). Shifting Patterns of Pre-Service Teachers' Conceptions on Material of Colligative Properties of Solutions. *Advances in Engineering Research, Atlantis Press, volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7.*
 33. Erman, E., Wasis, W., Susantini, E., **Azizah, U.** (2018). Scientific Thinking Skills: Why Junior High School Science Teachers Cannot Use Discovery and Inquiry Models in Graderoom. *Atlantis Highlights in Engineering (AHE), volume 1. ISSN: 2589-4943, ISBN: 978-94-6252-650-1 pp 201-204.*
 34. Nasrudin, H., **Azizah, U.** and Muchlis. (2018). The Validity Of Textbook Based On Reading, Questioning And Answering (RQA) For Leading Students In Assessment Course At Chemistry Department UNESA. *Journal of Chemistry Education Research/JCER, Vol 2, No 2 pp. 45 – 48 ISSN: 2549-1644.*
 35. Rosalinda, E. and **Azizah, U.** (2017). Penerapan Model Pembelajaran Kooperatif Tipe Numbered Head Together (NHT) untuk Meningkatkan Keterampilan Metakognitif Siswa pada Materi Asam Basa di Kelas XI (Implementation of Numbered Head Together (NHT) Type Cooperative Learning Model to Improve Students' Metacognitive Skills on Acid Base Topic in Grade XI). *Unesa Journal of Chemical Education, Vol 6 No 2 pp: 440-445.*
 36. Kartikawati, A. and **Azizah, U.** (2017). Keterampilan Proses Sains Peserta Didik melalui Penerapan Model Pembelajaran Learning Cycle 7-E pada Materi Laju Reaksi Kelas XI di SMA Negeri 1 Krembung (Students' Science Process Skills through the Implementation of Learning Cycle Learning Model 7-E on Reaction Rate Topic at Krembung 1 Senior High School Grade XI). *Unesa Journal of Chemical Education Vol. 6, No. 2, pp. 229-237, ISSN: 2252-9454.*
 37. Laila, R.N., and **Azizah, U.** (2017). Model Pembelajaran Problem Solving untuk Melatihkan Keterampilan Metakognitif Siswa pada Materi Asam Basa (Problem Solving Learning Model for Practicing Students' Metacognitive Skills on Acid-Base Topic). *Unesa Journal of Chemical Education Vol. 6, No. 2, pp. 384-389, ISSN: 2252-9454.*
 38. Rosa, D.D., and **Azizah, U.** (2017). Keterampilan Generik Sains Siswa melalui Penerapan Model Pembelajaran Learning Cycle 7E pada Materi Laju reaksi di SMA Negeri 1 Taman (Students' Generic Science Skills through the Implementation of Learning Cycle 7E Learning Model on Reaction rate Topic at Taman 1 Senior High School). *Unesa Journal of Chemical Education Vol. 6, No. 2, pp. 162-167, ISSN: 2252-9454.*
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 41. Rosa, D.D., and **Azizah, U.** (2017). Implementation of Learning Cycle 7E

- Model to Practice Metacognitive Skills on Reaction Rate. *Journal of Chemistry Education Research/JCER*, Vol 1, No 1 June 2017, pp. 37 – 43) ISSN: 2549-1644.
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 46. Ananda, P.M. and **Azizah, U.** (2016). Development Student Worksheet Oriented Problem Based Learning to Train Creative Thinking Skills in Chemical Equilibrium Matter. *Unesa Journal of Chemical Education Vol. 5, No. 2, pp. 392-400, ISSN: 2252-9454*.
 47. Furqoniyah, A. and **Azizah, U.** (2016). Pengembangan LKS melalui Strategi Metakognitif untuk Melatihkan Keterampilan Berpikir Kritis pada Materi Termokimia (Development of Worksheet through Metacognitive Strategies to Practice Critical Thinking Skills on Thermochemistry Topic). *Unesa Journal of Chemical Education Vol. 5, No. 2, pp. 319-327, ISSN: 2252-9454*.
 48. Yostanti, D.M. and **Azizah, U.** (2016). Penerapan Model Pembelajaran Kooperatif Tipe Numbered Head Together (NHT) Untuk Melatihkan Keterampilan Metakognitif Materi Laju Reaksi Kelas XI Di SMAN 3 Tuban (Implementation of Numbered Head Together (NHT) Type Cooperative Learning Model to Practice the Metacognitive Skills of Grade XI Reaction Rate topic at Tuban 3 Senior High School). *Unesa Journal of Chemical Education Vol. 5, No. 2, pp. 278-285, ISSN: 2252-9454*.
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 50. Anitasari, T. and **Azizah, U.** (2016). Penerapan Model Pembelajaran Kooperatif Tipe Think Pair Share Untuk Melatih Keterampilan Metakognitif Siswa Pada Materi Reaksi Reduksi Dan Oksidasi Di SMAN Ploso (Implementation of Think Pair Share Type Cooperative Learning Model to Train Students' Metacognitive Skills on Reduction and Oxidation Reaction Topic in Ploso Senior High School). *Unesa Journal of*

Chemical Education Vol. 5, No. 2, pp. 381-391, ISSN: 2252-9454.

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52. Mitarlis and **Azizah, U.** (2016). Lesson Study of Constructivist Approach Matter through Constructivist Learning to Chemistry Education Students of Chemistry Department Universitas Negeri Surabaya. Prosiding The 7th International Conference on Lesson Study (ICLS). ISBN: 978-979-796-264-7, 2-5.
53. **Azizah, U.** and Nasrudin, H. (2016). Instrumen Tes Pelacakan Konsepsi untuk Memprevensi Miskonsepsi Mahasiswa dalam Perkuliahan Kimia Dasar (Conception Tracking Test Instrument to Prevent Student Misconceptions in Basic Chemistry Lectures). *Prosiding Seminar Nasional Hasil Penelitian dan Pengabdian Kepada Masyarakat 2016 (SEMNAS PPM 2016)*. ISBN: 978-602-0951-05-8. 27.

Activities in Specialist Bodies Over the Last 5 Years	Organization Role	Position	Period
	Himpunan Kimia Indonesia (HKI)	Member	2010 - Now
	Perkumpulan Pendidik IPA Indonesia (PPII)	Member	2017 - Now