Dr. Utiya Azizah, M.Pd.

Position	**Chemistry Education Lecturer**			
	Lecturer in Chemistry Education			
Academic Career	**Degree**	**University**		**Year**
	Bachelor Degree (Chemistry Education)	IKIP Surabaya – Indonesia		1990
	Master Degree (Science Education)	IKIP Surabaya – Indonesia		1998
	Doctoral Degree (Science Education)	Universitas Negeri Surabaya – Indonesia		2016
Employment	**Position**	**Employer**		**Period**
	Associate Professor	Universitas Negeri Surabaya – Indonesia		
Research and Development Projects Over The Last 5 Years	**Title**	**Year**	**Partner/Funder**	**Amount of Financing**
	Penelusuran Lulusan Jurusan Kimia FMIPA Unesa melalui Tracer Study sebagai Umpan Balik Penyempurnaan Kurikulum *(Graduates Tracking of Chemistry Department Faculty of Mathematics and Natural Sciences Universitas*	2016	BOPTN	Rp. 10.000.000,00

	Negeri Surabaya through Tracer Study as a Curriculum Improvement Feedback)			
	Pengembangan Perangkat Perkuliahan Kimia Dasar Berbasis Metakognitif untuk Membangun Kemandirian Belajar dan Memprevensi Miskonsepsi Mahasiswa *(Development of Basic Chemistry Learning Tools based on Metacognitive for Building Learning Independence and Preventing Student Misconceptions)*	2016	Penelitian Hibah Bersaing	Rp. 50.000.000,00
	Pengembangan Perangkat Pembelajaran Mata Kuliah Kimia Dasar Berwawasan Green Chemistry Dalam Rangka Mewujudkan Green Education *(Development of Learning Tools for Basic Chemistry Course with Green Chemistry Insights in order to Embodying Green Education)*	2017	Penelitian Sosial, Humaniora, dan Pendidikan	Rp. 82.981.000,00
	Pengembangan Perangkat Perkuliahan Kimia Dasar Berbasis Metakognitif untuk Membangun Kemandirian Belajar dan Memprevensi Miskonsepsi Mahasiswa	2017	Penelitian Produk Terapan Lanjutan	Rp. 55.321.000,00

	(Development of Basic Chemistry Learning Tools based on Metacognitive for Building Learning Independence and Preventing Student Misconceptions)			
	Pemberdayaan Kemampuan Berpikir Mahasiswa Unggulan Melalui Pengembangan Buku Ajar Asesmen Berbasis Pembelajaran Reading, Questioning, and Answering(RQA) *(Empowerment of Excel Students' Thinking Ability Through the Development of Assessment Textbooks Based on Reading, Questioning, and Answering (RQA) Learning)*	2018	Penelitian Dana PNBP FMIPA Unesa	Rp. 10.000.000,00
	Pengembangan Bahan Ajar Kimia Dasar I Berbasis Problem Solving secara Blended Learning dalam Upaya Meningkatkan Keterampilan Berpikir Mahasiswa *(Development of Basic Chemistry I Teaching Materials Based on Problem Solving by Blended Learning as Effort to Improve Students' Thinking Skills)*	2018	Penelitian Dana PNBP FMIPA Unesa	Rp. 10.000.000,00
	Pengembangan Perangkat Pembelajaran Mata Kuliah Kimia Dasar Berwawasan Green	2018	Penelitian Strategis Nasional Institusi	Rp. 120.000.000,00

	Chemistry Dalam Rangka Mewujudkan Green Education *(Development of Learning Tools for Basic Chemistry Course with Green Chemistry Insights in order to Embodying Green Education)*			
	Eksplorasi Perubahan Konseptual dan Keterampilan Metakognitif dalam Pembelajaran Berbasis Problem-Solving pada Mahasiswa Kimia *(Exploration of Conceptual Changes and Metacognitive Skills in Problem-Solving-Based Learning Chemistry Students)*	2019	Penelitian Dasar, Dana PNBP Melalui LPPM	Rp. 40.000.000,00
	Upaya Peningkatan Keterampilan Berpikir Mahasiswa Melalui Implementasi Bahan Ajar Kimia Dasar I Berbasis Problem Solving secara Blended Learning *(Efforts to Improve Students' Thinking Skills Through the Implementation of Basic Chemistry I Material Based on Problem Solving Based on Blended Learning)*	2019	PNBP Melalui FMIPA	Rp. 10.000.000,00
	Profil Konsepsi Mahasiswa Jurusan Kimia pada Materi Kimia *(Chemistry Department Students Conception Profile on Chemistry Topics)*	2019	PNBP Melalui FMIPA	Rp. 10.000.000,00

	Pengembangan Media Pembelajaran Daring Kimia (BeDaK) sebagai Solusi Pembelajaran di Era New Normal (*Development of Chemistry Online Learning Media (BeDaK) as a Learning Solution in the New Normal Era*)	2020	PNBP Melalui FMIPA	Rp. 12.000.000,00
Community Service Over The Last 5 Years	**Title**	**Year**	**Partner/Funder**	**Amount of Financing (million)**
	Pelatihan Model-model Pembelajaran Inovatif sebagai Upaya Peningkatan Kompetensi Guru Kimia di Banyuwangi (*Training on Innovative Learning Models as an Effort to Improve the Competence of Chemistry Teachers in Banyuwangi*)	2016	PKM Dana PNBP FMIPA Unesa	Rp. 7.500.000,00
	Peningkatan Kompetensi Profesional Guru Kimia Di Kabupaten Blitar Melalui Pelatihan Integrasi Strategi *Conceptual Change* Dalam Model-Model Pembelajaran Inovatif (*Increasing the Professional Competence of Chemistry Teachers in Blitar Regency through Training on Integration of Conceptual Change Strategies in Innovative Learning Models*)	2017	PKM Dana PNBP FMIPA Unesa	Rp. 7.500.000,00

	Pengabdian Kepada Masyarakat Guru MGMP Kimia Kediri Melalui Pelatihan Model Pembelajaran Berbasis Keterampilan Proses (*Community Service for Chemistry MGMP Teachers in Kediri through Training in Process Skills-Based Learning Models*)	2018	PKM Dana PNBP FMIPA Unesa	Rp. 7.500.000,00
	Pelatihan Penyusunan Lembar Kerja Peserta Didik (LKPD) Berbasis Model-Model Pembelajaran Inovatif Untuk Meningkatkan Kompetensi Profesional Guru Kimia Kabupaten Sumenep (*Student Worksheet (LKPD) Based on Innovative Learning Models to Improve the Professional Competence of Chemistry Teachers in Sumenep Regency*)	2019	PKM Dana PNBP FMIPA Unesa	Rp. 7.500.000,00
	Pelatihan Pembuatan Media BeDaK (Pembelajaran Daring Kimia) sebagai Solusi Pembelajaran jarak Jauh) *BeDaK Media Making Training (Chemistry Online Learning) as a Distance Learning Solution*	2020	PKM Dana PNBP FMIPA Unesa	
Industry Collaborations				

Over The Last 5 Years			
Patents and Proprietary Rights	**Title**	**Patent ID**	**Year**
	Buku Organisasi dan Manajemen Laboratorium Pendidikan Kimia *(Chemistry Education Laboratory Organization and Management Book)* ISBN: 978-979-028-349-7	Copyright Registration Number: C00201602905	2016
	Buku Larutan (Solution Book)	Copyright Registration Number: C00201603489	2016
	Buku Asesmen *(Assessment Book)*	Copyright Registration Number: C00201602919	2016
	Instrumen Tes Pelacakan Konsepsi untuk Memprevensi Miskonsepsi Mahasiswa dalam Perkuliahan Kimia Dasar *(Conception Tracking Test Instrument for Preventing Student Misconceptions in Basic Chemistry Lectures)*	Copyright Registration Number: C00201702815	2017
	Instrumen untuk Mengukur Kemandirian Belajar Mahasiswa *(Instrument for Measuring Student Learning Independence)*	Copyright Registration Number: C00201702803	2017
	Buku Kimia Dasar I (*Basic Chemistry I Book*)	Copyright Registration Number: EC00201947484	2019
	Student Activity Sheets (SAS) Oriented Chemo-	Copyright Registration Number: EC00201941485	2019

	Entrepreneurship On Colloid Matter To Train Creative Thinking Skills (Bilingual Version)(Book)		
	Buku Suplemen Termokimia Berbasis *Problem Solving (Thermochemistry Supplement Book Based on Problem Solving)*	Copyright Registration Number: EC00202018380	2020
Important Publication Over The Last 5 Years	1. Muchlis Muchlis, Leny Yuanita, and **Utiya Azizah.** 2016. Pelatihan Penilaian Autentik di MGMP Kimia SMA Kabupaten Magetan (Authentic Assessment Training at Magetan Senior High School Chemistry Teacher Organization). *Jurnal Abdi, Vol 1 No 2 pp: 91-101.* 2. E. R. Adita and **Utiya Azizah**. 2016. Keterampilan Metakognitif Siswa Melalui Model Pembelajaran Inkuiri Terbimbing Pada Materi Pokok Laju Reaksi Di SMAN 1 Manyar Gresik Kelas XI (Metacognitive Skills of Students Through Guided Inquiry Learning Models on Reaction Rate Topic at Manyar 1 Senior High School Grade XI, Gresik). *Unesa Journal of Chemical Education Vol. 5, No. 1, pp. 143-151, ISSN: 2252-9454.* 3. P. M. Ananda and **Utiya Azizah**. 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. 4. A. Furqoniyah and **Utiya Azizah**. 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. 5. D.M. Yostanti and **Utiya Azizah**. 2016. Penerapan Model Pembelajaran Kooperatif Tipe Numbered Head Together (NHT) Untuk Melatihkan Keterampilan Metakognitif Materi Laju Reaksi Kelas XI Di SMAN 3 Tuban (Impleentation 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. 6. D. A. T. Soffa and **Utiya Azizah**. 2016. Pengembangan LKS Untuk Melatihkan Keterampilan Proses Sains Siswa Dengan Model Learning Cycle 5E Pada Materi Asam Basa (Development of Student Worksheet To		

Train Students' Science Process Skills With 5E Learning Cycle Model On Acid Base Topic). *Unesa Journal of Chemical Education Vol. 5, No. 2, pp. 328-335, ISSN: 2252-9454.*

7. T. Anitasari and **Utiya Azizah.** 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.*
8. **Utiya Azizah** and Harun Nasrudin. 2016. Pemberdayaan Keterampilan Berpikir Mahasiswa Melalui Pengembangan Perangkat Perkuliahan Kimia Dasar Berbasis Metakognitif (Empowerment of student's thinking skills through development instructional materials basic chemistry based metacognitive. *Prosiding Seminar Nasional Kimia dan Pembelajarannya.* ISBN: 978-602-0951-12-6. 17 September 2016.
9. Mitarlis and **Utiya Azizah**. 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 November 2016.
10. **Utiya Azizah** and Harun Nasrudin. 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 Nopember 2016
11. E. Rosalinda and **Utiya Azizah.** 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.*
12. A. Kartikawati and **Utiya Azizah.** 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.*

13. R. N. Laila and **Utiya Azizah**. 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.*
14. D.D. Rosa and **Utiya Azizah**. 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.*
15. W. Rohaniyah and **Utiya Azizah**. 2017. Penerapan Model Learning Cycle 7E untuk Meningkatkan Keterampilan Proses Sains pada Materi Laju Reaksi (Implementation of the 7E Learning Cycle Model to Improve Science Process Skills on Reaction Rate Topic). *Unesa Journal of Chemical Education Vol. 6, No. 2, pp. 174-178, ISSN: 2252-9454.*
16. **Utiya Azizah**, Suyono Suyono and B. Yonata. 2017. Peningkatan Kompetensi Guru Kimia melalui Pelatihan Model-Model Pembelajaran Inovatif di Banyuwangi (Competence Enhancement of Chemistry Teachers through Innovative Learning Models Training in Banyuwangi). *Jurnal Abdi, Vol 2 No 2 pp: 91-95*
17. D.D. Rosa and **Utiya Azizah**. 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.
18. **Utiya Azizah** and H. Nasrudin. 2017. Empowerment of Metacognitive Skills through Development of Instructional Materials on the Topic of Hydrolysis and Buffer Solutions. *IOP Conf. Series: Journal of Physics: Conference Series (JPCS), volume 953, doi:10.1088/1742-6596/953/1/012199.*
19. Tahmid and **Utiya Azizah**. The Development of Learning Tools of the Guided Inquiry Model to Improve the Learning Outcomes of Junior High School Students. *Proceeding 1st International Graduate Symposium on Science, Engineering, Education, Language and Culture (SEELC)*. ISBN: 978-602-449-035. 21 Agustus 2017.
20. F. F. Aprilia and **Utiya Azizah**. 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.*

	21. S. Allamin, S. Sutoyo and **Utiya Azizah**. 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.* 22. **Utiya Azizah** and H. Nasrudin. 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.* 23. M. Damayanti and **Utiya Azizah.** 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* 24. Mitarlis Mitarlis, **Utiya Azizah** and B. Yonata. 2018. Pemanfaatan Indikator Alam dalam Mewujudkan Pembelajaran Kimia Berwawasan Green Chemistry (Utilization of Natural Indicators in Embodiying Chemistry Learning with Green Chemistry Insight). *Jurnal Penelitian Pendidikan IPA (JPPIPA) Prodi Pendidikan Sains FMIPA Unesa, Vol.3. No.1.* 25. Mitarlis Mitarlis, **Utiya Azizah** and B. Yonata. 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* 26. Mitarlis Mitarlis, **Utiya Azizah** and B. Yonata. 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. 27. H. Nasrudin and **Utiya Azizah**. 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* 28. H. Nasrudin and **Utiya Azizah**. 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*. 29. Erman Erman, Wasis Wasis, Endang Susantini, **Utiya Azizah**. 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.*

30. H. Nasrudin, **Utiya Azizah** 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.*
31. D.Y. Hartini and **Utiya Azizah.** 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.*
32. Burhanuddin, **Utiya Azizah** and M. Ibrahim. 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.*
33. A. Hanum, **Utiya Azizah** and S.E. Cahyaningrum. 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.*
34. **Utiya Azizah**, H. Nasrudin 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.*
35. L. Ramadhani, Sukarmin, and **Utiya Azizah**. 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.*
36. **Utiya Azizah**, H. Nasrudin 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.*
37. S. Agustyaningsih, 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.*
38. D. E. Purmawanti, **Utiya Azizah** and S. E. Cahyaningrum. 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.*
39. **Utiya Azizah**, Harun Nasrudin 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)

40. Bertha Yonata, Dian Novita, **Utiya Azizah**, 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)
41. Suyatno, **Utiya Azizah**, Sophia Allamin. 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***.**
42. A Pascalia Lalian, L Yuanita, **U Azizah**. 2020. Validity, Effectiveness, and Practicality of Learning Media Using Advance Organizer to Increase Critical Thinking on Colloid Material of Senior High School. *International Journal of Scientific and Research Publication (IJSRP), Volume 10, Issue 1, January 2020. pp. 87-100. ISSN 2250-3153.*
43. Harun Nasrudin and **Utiya Azizah**. 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 *Jurnal Pendidikan IPA Indonesia (Indonesian Journal of Science Education), Q2, SJR 2019: 0.45. Vol 9. No.1, March 2020.*
44. Pradnya Parameswari and **Utiya Azizah**. 2020. Model Pembelajaran Remap NHT untuk Meningkatkan Keterampilan Berpikir Kritis Peserta Didik pada Materi Kesetimbangan Kimia (NHT Remap Learning Model to Improve Students' Critical Thinking Skills in Chemical Equilibrium Material). *Jurnal Zarah, Vol. 8 No.1 Mei 2020. pp. 30-37. p-ISSN 2354-7162,* ***e-ISSN 2549-2217***
45. Sri Wahyuningsih, Raharjo, and **Utiya Azizah.** 2020. Development of Teaching Books Based on Science Pop Up To Train Critical Thinking Skills of Elementary Students. *International Journal for Educational and Vocational Studies. Vol. 2, No. 5. May 2020. e-ISSN: 2684-6950.*
46. Ragil Triyani and **Utiya Azizah**. 2020. Training Of Science Literacy Skills In Chemical Equilibrium through Implementation Guided Inquiry Learning. *Jurnal Tadris Kimiya (JTK). Volume 5, Nomor 1. pp 35-47. Juni 2020. ISSN 2527-9637 (online) ISSN 2527-6816 (print).*
47. Yeny Erawati, Raharjo, and **Utiya Azizah**. 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). *Jurnal Bidang Pendidikan Dasar (JBPD). Vol.4. No. 2. pp. 89-99. Juni 2020*. ISSN (print): 2549-0125. ISSN (online): 2549-0117.

48. Melysa Pramitha Rosa & **Utiya Azizah**. 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*.
49. Yeny Erawati, Raharjo, and **Utiya Azizah**. 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*.
50. Fandu Zakaria, Suryanti, and **Utiya Azizah**. 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*.
51. Adilla Siswinasti Yudawindantika and **Utiya Azizah**. 2020. Peningkatan Keterampilan Interpretasi dan Infereni 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*.

Activities in Special Institution	**Organization Role**	**Position**	**Period**
	Himpunan Kimia Indonesia (HKI)	Member	2010 - Now
	Perkumpulan Pendidik IPA Indonesia (PPII)	Member	2017 - Now