

CURRICULUM VITAE
Dr. M.Syaipul Hayat, S.Pd.,M.Pd.



A. Personal Information

1	Name	Dr. Muhammad Syaipul Hayat, M.Pd
2	Gender	Male
3	Employee ID Number	108401297
4	National Lecturer Identification Number	0607017802
5	Place and Date of Birth	Garut, 20 Juni 1984
6	Email	m.syaipulhayat@upgris.ac.id
7	Phone	081802294690
8	Publication Index	Google Scholar: https://scholar.google.com/citations?user=Df3wbqQAAAAJ&hl=id&oi=ao ID : Gvd9eKoAAAAJ&hl SINTA:

		https://sinta.kemdiktisaintek.go.id/authors/profile/5973194 ID : 5973194 Scopus ID :57196243701 Link : https://www.scopus.com/authid/detail.uri?authorId=57196243701
9	Field of Expertise	Life-long Learning; Science Inquiry; ESD/ SDGs; STEAM; learning inovation; learning assessment

B. Educational Background

	Bachelor's Degree	Master	Master's Degree
University	Pasundan University Bandung	Indonesian Education University	Indonesian Education University
Field of Study	Biology Education	Science Edication	Science Education
Year of Graduation	2007	2010	2020

C. Research Experience

Name of Lecturer (nama dosen semua)	Research Publication Title (judul)	Year	Index (terakreditasi sinta berapa)
Muhammad Syaipul Hayat	Integrating physical activity and STEAM-SDGs based on Edupas to raise awareness among students about	2025	Scopus Q1
	Augmented Reality in the Unbounded Research Science Laboratories: Improving College Students' Science Competencies		Scopus Q2
	Utilizing Augmented Reality Media In Science	2025	Scopus Q3

	Laboratory Activities: Enhancing Students' Competence In Explaining Phenomena Scientifically		
Muhammad Syaipul Hayat, Muhammad Yunus, Noora Qotrun Nada, Sumarno	Analysis of the Integration of SDGs Values in Learning Science Project in Vocational Schools to Build a Sustainable Lifestyle	2023	KnE Social Science
Nur Latifah, Muhammad Syaipul Hayat, Nur Khoiri	Learning Effectiveness of ESD-Oriented Natural and Social Science Projects in Realizing Pancasila Student Profiles for Vocational High School Students	2024	
Willem Rilexen S P Mulder, Muhammad Syaipul Hayat, Nur Khoiri	Effect of Digitalization of Web-Based Science Learning Media with the STEAM Approach to Student's Creative Thinking Abilities	2023	
Muhammad Syaipul Hayat, Endah Rita Sulistya Dewi	Students' Creative Thinking Skills with STEAM-SDGs Approach to	2024	Sinta 2

	Energy Concept: Rasch Model Analysis		
Maria Ulfah, Octavia Devi Puspita Sari, Muhammad Syaipul Hayat	Bioremediation of Nitrate and Nitrite on the Rehabilitation of Contaminated Jatibarang Landfill and the Application of Calla Lily	2024	Sinta 2
Muhammad Syaipul Hayat , Sumarno , Mahmud Yunus , Noora Qotrun Nada	STEAM-Based "IPAS Project" Learning as a Study of the Implementation of the Independent Curriculum in Vocational Schools	2023	Sinta 2
Nur Khoiri , M. Syaipul Hayat , Dyah Siskawati	Sustainability Awareness Profile of Locational School Students Through ESD-Oriented Project Based Learning	2023	Sinta 2
Nur Latifah , Muhammad Syaipul Hayat , Nur Khoiri	Effectiveness of Differentiated Learning in Natural and Social Science Projects Aspects of Substances and Their Changes in Realizing the Pancasila Student Profile Dimensions of Faith, Devotion to God Almighty	2023	Sinta 2

	and Having Noble Morals		
Wilem Rilexen S P Mulder , Nur Khoiri , Muhammad Syaipul Hayat	Analysis of the Characteristics of the Development of Web-Based Science Learning Media with the STEAM Approach	2023	Sinta 2
Ivonne Susana Berlin , Ary Susatyo Nugroho , Siti Patonah , Muhammad Syaipul Hayat	Profile of Learning Outcomes and Student Activity in Learning Natural Sciences at SMPN 2 Karangawen	2025	Sinta 2
Fenny Roshayanti, Rizqi Ramayanti, Muhammad Syaipul Hayat, Reni Rakhmawati	Nature of models in biology learning	2022	Sinta 2
Lindang Agus Siyamuningsih , Nur Khoiri , Harto Nuroso , Muhammad Syaipul Hayat	Development of Learning Tools with Project-Based Learning (PjBL) Model on Students' Creative Thinking Skills in Renewable Energy Material	2025	Sinta 2
Riska Ajibudiarta, Nur Khoiri, Siti Patonah, Muhammad Syaipul Hayat	Potential of STEAM-SDGs Integration in Physics Learning	2025	Sinta 2
Pramastuti Adir Rukmi, Muhammad Syaipul Hayat, Mega Novita	4Cs Skills in Ecology and Biodiversity Learning: A Study of Junior High School Students'	2025	Sinta 2

	Profiles in the Digital Era		
Susilo Hardiyani , Fenny Roshayanti , Harto Nuroso , M. Syaipul Hayat	Analysis of Science Process Skills of Junior High School Students on The Concept of Elements, Compounds, and Mixtures Based on Education for Sustainable Development	2025	Sinta 2
Ilah Nurlaelah, Handayani, Lilis Lismaya, Muhammad Syaipul Hayat, Bridget Druken	Developing Teaching Guides For Biology-Based Courses: Integrating Project-Based Learning, Case Studies, And 21st Century Skills For Pre-Service Teachers	2024	Sinta 2
Rachmat Karno Utomo, Fenny Roshayanti, Nizaruddin Nizaruddin, M Syaipul Hayat	Analysis of Students' Creative Thinking Skills and Learning Motivation in Science Subjects at State Primary School	2024	Sinta 3
Putri Ramadan Lazuardi, Ariefa Primair Yani, Rendy Wikrama Wardana, Mellyta Uliyandari, Muhammad Syaipul Hayat	Pemanfaatan Kulit Pisang Kepok Kuning (<i>Musa acuminata balbisiana</i>) sebagai Bahan Baku Bioetanol Konteks	2024	Sinta 3

	Teknologi Ramah Lingkungan		
Nailil Mona, Dyah Ayu Widyastuti, Atip Nurwahyunani, M. Syaipul Hayat	Analisis Permasalahan Umur Baglog Dan Hama Penyerang Pada Budidaya Jamur Tiram (<i>Pleurotus Ostreatus</i>) Di Kabupaten Semarang	2022	Sinta 3
Nur Latifah, Muhammad Syaipul Hayat, Nur Khoiri	Potensi Implementasi Pembelajaran Berdiferensiasi Berorientasi ESD dalam Proyek IPAS Aspek Zat dan Perubahannya	2023	Sinta 3
Muntamah, Fenny Roshayanti, Muhammad Syaipul Hayat	Keterampilan Berpikir Kritis Siswa SMK Pada Pembelajaran Proyek IPAS Berorientasi ESD dan Pendekatan STEAM	2024	Sinta 3
Bellinda Chintya Rosady Putri, Muhammad Syaipul Hayat, Nur Khoiri	Effectiveness of STEAM Differentiated Learning in Physics Learning of Measurement Concepts to Embody the Pancasila Student Profile Dimensions of Critical Reasoning	2025	Sinta 3

Dewi Arum Budianti, Ary Susatyo Nugroho, Muhammad Syaipul Hayat	The Differences of Male and Female Students's Problem Solving Ability in Environmental Change Topic Based on Education for Sustainable Development (ESD)	2023	Sinta 3
Asna Nofiyanti, Endah Rita Sulistya Dewi, Muhammad Syaipul Hayat, Fenny Roshayanti	Potential For Implementing Biology Learning Based On The Qur'an In Human Reproductive System Material	2025	Sinta 3
Maya Ainul Quroh, Siti Patonah, Ary Susatyo Nugroho, Muhammad Syaipul Hayat	Profile of Science Literacy Ability and Science Learning Outcomes of Riyadul Mubarak Integrated High School Students	2025	Sinta 3
Sri Wahyuni, Mega Novita, Muhammad Syaipul Hayat, Fenny Roshayanti	Analysis Of Potential And Challenges Of Ethnoscience-Based Chemistry Learning In Madrasah Aliyah	2025	Sinta 3
	Peningkatan Kemampuan Pemecahan Masalah Dan Hasil Belajar Kognitif Materi Bioteknologi	2024	Sinta 3

	Melalui Problem Based Learning Pada Kurikulum Merdeka		
Layyinatus Sifah, Endah Rita Sulistya Dewi, Fenny Roshayanti, Muhammad Syaipul Hayat	Profil Keterampilan Proses Sains dan Sustainability Awareness Siswa SMP dalam Pembelajaran IPA	2024	Sinta 4
Purwanti, Muhammad Syaipul Hayat, Endah Rita Sulistya Dewi, Fenny Roshayanti	The Analisis Keterampilan Berpikir Kreatif Siswa Kelas VIII SMPN 1 Jumo dalam Pembelajaran IPA	2024	Sinta 4
Dwi Kurnia Cahyani, Ary Susatyo Nugroho, Nizaruddin, Muhammad Syaipul Hayat	Analisis Kemampuan Literasi Sains dan Berpikir Kritis Siswa SMP pada Pembelajaran IPA	2024	Sinta 4
Amilia Aminingsih, Nur Khoiri, Harto Nuroso, Muhammad Syaipul Hayat	Profil Kemampuan Berpikir Kritis dan Kreatif Siswa SMA Pada Materi Energi Terbarukan	2024	Sinta 4
Desi Sri Lestari, Muhammad Syaipul Hayat, Rivanna Citraning Rachmawati, Moch. Ansori	Kemampuan Memecahkan Masalah dan Hasil Belajar Kognitif Melalui PBL pada Materi Sistem Respirasi	2023	Sinta 4
	Validitas media pembelajaran IPA berbasis web	2023	Sinta 4

	dengan pendekatan STEAM untuk meningkatkan kemampuan berpikir kreatif peserta didik		
	Implementation of the education for sustainable development (ESD) based predict, observe, and explain (POE) learning module to improve critical thinking skills	2023	Sinta 4
Klarisa Aulia Rahma, Ary Susatyo Nugroho, Eko Retno Mulyaningrum, Muhammad Syaipul Hayat	Jenis Tumbuhan Obat yang Dimanfaatkan Oleh Masyarakat Rt 09 Rw 04 Desa Kayen Pati Jawa Tengah	2022	Sinta 4
	Keefektifan Penerapan Model Pembelajaran Problem Based Learning terhadap Hasil Belajar Materi Bioteknologi pada Kelas IX SMP	2024	Sinta 4
Citra Khoerun Nikmah , M. Syaipul Hayat , Siti Patonah	Life-Long Learning Profile of Junior High School Students in Science Learning	2025	Sinta 4

Dinda Febrihastatiwi , M. Syaipul Hayat , Fenny Roshayanti , Mega Novita	Environmental Literacy Analysis and Critical Thinking Skills of Middle School Students at SMP Geeta School in Understanding Science Education	2025	Sinta 4
Indah Permata, Ary Susatyo Nugroho, Muhammad Syaipul Hayat	Profil Keterampilan Berpikir Kritis dan Motivasi Belajar Siswa Dalam Pembelajaran Biologi	2025	Sinta 4
Lindang Agus Siyamuningsih, Nur Khoiri, Harto Nuroso, Muhammad Syaipul Hayat	Pengaruh Penggunaan Perangkat Pembelajaran Berbasis Esd Terhadap Peningkatan Keterampilan Berpikir Kreatif Dan Hasil Belajar Pada Materi Energi Terbarukan	2025	Sinta 4
Ema Auliatzahra, Eny Hartadiyati, Atip Nurwahyunaini, Muhammad Syaipul Hayat	Pembelajaran Biologi Bermuatan Sustainability Berbasis Digital untuk Meningkatkan Ketrampilan Berpikir Kritis Siswa SMA	2025	Sinta 4
Hindradi, Fenny Roshayanti, Nur Khoiri, Muhammad Syaipul Hayat	Profil Kreativitas Dan Kemampuan Dasar Bekerja Ilmiah (KDBI)	2024	Sinta 5

	Peserta Didik Dalam Pembelajaran IPAS Di SMK Bhakti Mulia Wonogiri		
Yudi Catur Wibisono, Ngurah Ayu Nyoman Murniati, Sumarmiyati, Muhammad Syaipul Hayat	Analisis Aktivitas Membaca Cerita Berbantu Wayang Literasi dalam Pengembangan Kemampuan Baca Tulis Siswa SDN Karangrejo 02	2024	Sinta 5
Chabibah, Muhammad Syaipul Hayat, Ary Susatyo Nugroho, Fenny Roshayanti	Profil Life Skills Siswa Kelas VIII MTS Fatahilah pada Materi Sistem Pencernaan	2024	Sinta 5
Dyah Siskawati, Nur Khoiri, Muhammad Syaipul Hayat	Pengaruh Diversitas Gender Terhadap Sustainable Awareness Siswa SMK	2023	Sinta 5
Ahmad Soleh, Endah Rita Sulistya Dewi, Muhammad Syaipul Hayat	Profil Lifelong Learning siswa Madrasah Aliyah Negeri Demak	2023	Sinta 5
Nur Latifah, Fenny Roshayanti, Muhammad Syaipul Hayat, Nur Khoiri	Profil Pelaksanaan Pembelajaran Berdiferensiasi di SMK Negeri 3 Jepara	2023	Sinta 5
Tri Mulyani, Endah Rita Sulistya Dewi, Muhammad Syaipul Hayat	Potensi Pembelajaran Yang Berorientasi ESD (Education For Sustainable Development)	2023	Sinta 5

	Pada Guru IPA Kelas 7 MTS Kabupaten Banjarnegara		
Putri Ayu Lestari, Ary Susatyo Nugroho, Prasetyo, Muhammad Syaipul Hayat	Pengaruh Pemberian Eco Enzyme Terhadap Intensitas Serangan Hama Tanaman Pakcoy (Brasica rappa L)	2023	Sinta 5
Yunita Lema, Atip Nurwahyunani, Muhammad Syaipul Hayat, Febrina Rachmawati	Pembelajaran Berdiferensiasi Dengan Model PJBL Materi Bioteknologi Untuk Mengembangkan Ketrampilan Kreativitas Dan Inovasi Siswa SMP	2023	Sinta 5
Juwahir, Nur Khoiri, Fenny Roshayanti, Muhammad Syaipul Hayat	Potensi Penerapan STEAM Dalam Pembelajaran Konsep Kalor dan Perpindahannya Pada Siswa MTs Kabupaten Demak	2023	Sinta 5
Muntamah, Fenny Roshayanti, Muhammad Syaipul Hayat	Potensi Penerapan Pendekatan STEAM (Science, Technology, Engineering, Art, Mathematics) pada Pembelajaran Projek IPAS (Ilmu Pengetahuan Alam dan Sosial) di SMK	2023	Sinta 5

Lindang Agus Siyamuningsih, Nur Khoiri, Harto Nuroso, Muhammad Syaipul Hayat	Analisis Strategi Pembelajaran Berdiferensiasi Berdasarkan Esd (Education For Sustainable Development) Dalam Pembelajaran Fisika Di SMAN 1 Semarang	2024	Sinta 6
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D. Community Service Experience

Name of Lecturer	Activities	Year
Muhammad Syaipul Hayat, Joko Siswanto, Yanuar Hery Murtianto, Nur Khoiri, Wiyaka Wiyaka	Integrasi Literasi Numerasi dalam Pembelajaran melalui Pelatihan Deep Learning bagi Guru SMP di Kota Semarang	2025

E. Presentation of Scientific Articles in Summits or Seminars Training Experience

No	Activities	Organizer	Year
1.			
2.			
3.			
4.			

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