

**CURRICULUM VITAE**  
Dr. Fenny Roshayanti, S.Pd., M.Pd.



A. Personal Information

|   |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Name                                    | Dr. Fenny Roshayanti, S.Pd., M.Pd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2 | Gender                                  | Female                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3 | Employee ID Number                      | 196909291994032002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 4 | National Lecturer Identification Number | 0029096901                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5 | Place and Date of Birth                 | Bandung, 29 September 1969                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 6 | Email                                   | <a href="mailto:fennyroshayanti@upgris.ac.id">fennyroshayanti@upgris.ac.id</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7 | Phone                                   | 085794775575                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 8 | Publication Index                       | Google Scholar:<br><a href="https://scholar.google.com/citations?user=Tds_QlcAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=Tds_QlcAAAAJ&amp;hl=en</a><br><br>SINTA:<br><a href="https://sinta.kemdiktisaintek.go.id/departments/profile/18/FC5E9A9C-7E56-4E4D-9FA2-4AF273549651/6A580EF7-38F0-4485-B6E4-BE9962D87A80/?view=iprs">https://sinta.kemdiktisaintek.go.id/departments/profile/18/FC5E9A9C-7E56-4E4D-9FA2-4AF273549651/6A580EF7-38F0-4485-B6E4-BE9962D87A80/?view=iprs</a><br><br>Scopus ID : 57196235473<br><a href="https://www.scopus.com/authid/detail.uri?authorId=57196235473">https://www.scopus.com/authid/detail.uri?authorId=57196235473</a> |
| 9 | Field of Expertise                      | Biology Science Learning Innovation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

B. Educational Background

|                    |                   |                   |                   |
|--------------------|-------------------|-------------------|-------------------|
|                    | Bachelor's Degree | Master            | Master's Degree   |
| University         | UPI               | UPI               | UPI               |
| Field of Study     | Biology Education | Science Education | Science Education |
| Year of Graduation | 1993              | 2002              | 2012              |

C. Research Experience

| Name of Lecturer                                                | Research Publication Title                                                                                                                         | Year | Index   |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|
| Fenny Roshayanti,<br>Reni Rakhmawati,<br>Muhammad Syaipul Hayat | Persepsi Guru Biologi Terhadap Computational Thinking pada Sekolah Menengah Atas Se Kecamatan Kayen                                                | 2022 | Sinta 2 |
| Totok Prasetyo,<br>Fenny Roshayanti                             | Pembelajaran Konsep Sistem Tata Surya Melalui Reasoning And Problem Solving Berbantu Inquiry Training Untuk Memfasilitasi Berpikir Kritis Siswa Sd | 2022 | Sinta 4 |
| Ida Dwijayanti,<br>Fenny Roshayanti,<br>Susi Handayani          | Implementasi <i>Culturally Responsive Teaching</i> pada Materi Bentuk Bangun Ruang Kelas 1 SDN Pandean Lamper 04 Semarang                          | 2023 | Sinta 4 |
| Ary Susatyo Nugroho, Fenny Roshayanti                           | Profil Kemampuan <i>Science Reasoning</i> Siswa di SMA Miftahul Falah Betahwalang                                                                  | 2023 | Sinta 4 |

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|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------|---------|
| Fenny Roshayanti,<br>Endah Rita Sulistya<br>Dewi              | Profil <i>Computational Thinking</i> Siswa Kelas X Sma Negeri 2 Mranggen Tahun 2023                                         | 2023 | Sinta 4 |
| Muhammad Syaiful Hayat, Ary Susatyo Nugroho, Fenny Roshayanti | Profil <i>science Motivation</i> dalam Kurikulum Berbasis Pondok Pesantren: Studi Kasus di MTS Muhammadiyah Al Manar Demak  | 2023 | Sinta 5 |
| Fenny Roshayanti,<br>Iin Purnamasari                          | Pengaruh Penggunaan Aplikasi <i>Wordwall</i> pada Pembelajaran PPKN terhadap Hasil Belajar Siswa Sekolah Dasar              | 2023 | Sinta 5 |
| Rina Dwi Setyawati,<br>Fenny Roshayanti                       | Pengaruh Model PBL Menggunakan LKPD Berbantuan Media <i>Puzzle</i> Pecahan terhadap Hasil Belajar Matematika Kelas IIA      | 2023 | Sinta 5 |
| Ade Dian Silvia,<br>Fenny Roshayanti                          | Pengaruh Model Pembelajaran <i>Problem Based Learning</i> terhadap Hasil Belajar IPAS Siswa Kelas IV SD Negeri Gayamsari 02 | 2023 | Sinta 5 |
| Fenny Roshayanti,<br>Susi Handayaningsih                      | Analisis karakteristik peserta didik melalui asesmen diagnostik (Studi kasus: Kelas 6 SDN Pandean Lamper 04)                | 2023 | Sinta 5 |
| Fenny Roshayanti,<br>Mega Novita                              | Model Pembelajaran RADEC Berbasis STEAM pada Materi sistem koloid mampu meningkatkan                                        | 2023 | Sinta 4 |

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|                                                                 | kemampuan berpikir kritis siswa                                                                                                                                                  |      |         |
| Fenny Roshayanti, Endah Rita Sulistya Dewi, Ary Susatyo Nugroho | Analisis Bahan Ajar Biologi SMA ditinjau dari Muatan <i>Sustainable Development Goals</i> (SDGs)                                                                                 | 2023 | Sinta 4 |
| Fenny Roshayanti, Muhammad Syaipul Hayat                        | Potensi Penerapan Pendekatan STEAM ( <i>Science, Technology, Engineering, Art, Mathematics</i> ) pada Pembelajaran Projek IPAS (Ilmu Pengetahuan Alam dan Sosial) di SMK         | 2023 | Sinta 5 |
| Fenny Roshayanti, Fine Reffiane                                 | Pengaruh Model Pembelajaran <i>Project Based Learning</i> pada Mata Pelajaran IPS terhadap Hasil Belajar Peserta Didik Kelas V SDN Peterongan Semarang                           | 2023 | Sinta 5 |
| Fenny Roshayanti, Endang Wuryandini                             | Pengaruh Model Pembelajaran <i>Problem Based Learning</i> terhadap Hasil Belajar Matematika Kelas IV SDN Rejosari 01                                                             | 2023 | Sinta 5 |
| Joko Siswanto, Fenny Roshayanti                                 | Kepraktisan dan Efektivitas Pembelajaran Konsep Dinamika Rotasi Berorientasi <i>Education for Sustainable Development</i> (ESD) Untuk Meningkatkan Keterampilan Berpikir Kreatif | 2023 | Sinta 5 |

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|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|
| Agus Sutono, Fenny Roshayanti                          | Pengembangan Media Boneka Tangan Untuk Meningkatkan Keterampilan Berbicara Siswa Kelas III SDN 3 Rejosari                                                                    | 2023 | Sinta 5 |
| Fenny Roshayanti, Mei Fita Asri Untari                 | Profil Kreativitas Peserta Didik Kelas 3 SDN Rejosari 01 pada Proyek Pembuatan Kincir Angin Sederhana                                                                        | 2023 | Sinta 5 |
| Fenny Roshayanti, Joko Siswanto                        | Penerapan PJBL Berbasis Steam dalam Implementasi Pembelajaran IPAS Siswa Kelas X SMK PGRI 2 Taman                                                                            | 2023 | Sinta 5 |
| M Marzuki, Fenny Roshayanti, Purwati Kuswarini Suprpto | <i>Fostering students' problem-solving skills through biology learning model integrated with Kurikulum Merdeka</i>                                                           | 2024 | Sinta 2 |
| Fenny Roshayanti, Muhammad Syaipul Hayat               | Keterampilan Berpikir Kritis Siswa SMK pada Pembelajaran Proyek IPAS Berorientasi ESD dan Pendekatan STEAM                                                                   | 2024 | Sinta 3 |
| Mega Novita, Siti Patonah, Fenny Roshayanti            | Tantangan dan Peluang dalam Pendidikan Kimia Hijau Berorientasi <i>Education for Sustainable Development</i> (ESD) di Sekolah Menengah Atas: Studi Kasus di Kabupaten Sragen | 2024 | Sinta 3 |

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|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|
| Harto Nuroso, Fenny Roshayanti                                  | Potensi Implementasi STEAM Berorientasi ESD dalam Pembelajaran Zat dan Perubahannya                                                               | 2024 | Sinta 3 |
| Bagus Ardi Saputro, Sari Utami, Fenny Roshayanti                | <i>Analysis of Pancasila Student Profile of Mutual Cooperation Elements Through the Market Day Project in Grade IV Elementary School Students</i> | 2024 | Sinta 3 |
| Ary Susatyo Nugroho, Fenny Roshayanti                           | Profil <i>Life Skills</i> Siswa Kelas VIII MTS Fatahilah pada Materi Sistem Pencernaan                                                            | 2024 | Sinta 5 |
| Fenny Roshayanti, Nur Khoiri                                    | Potensi Implementasi Pembelajaran Berdifferensiasi pada Materi Energi Berbasis ESD ( <i>Education For Sustainable Development</i> )               | 2024 | Sinta 5 |
| Endah Rita Sulistya Dewi, Ary Susatyo Nugroho, Fenny Roshayanti | Profil Pembelajaran Berdeferensiasi Berorientasi ESD pada Materi Ekologi dan Keanekaragaman Hayati di SMP N 1 Wirosari Kabupaten Grobogan         | 2024 | Sinta 5 |
| Bagus Ardi Saputro, Sari Utami, Fenny Roshayanti                | <i>Analysis of Pancasila Student Profile of Mutual Cooperation Elements Through the Market Day Project in Grade IV</i>                            | 2024 | Sinta 3 |

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|                                                            | <i>Elementary School Students</i>                                                                                                                                                          |      |         |
| Muhammad Syaipul Hayat, Endah Rita, Fenny Roshayanti       | The Analisis Keterampilan Berpikir Kreatif Siswa Kelas VIII SMPN 1 Jumo dalam Pembelajaran IPA                                                                                             | 2024 | Sinta 4 |
| Fenny Roshayanti, Ligar Widayati, Muhammad Saifuddin Zuhri | Implementasi Penggunaan Media Interaktif Phet Colorado dalam Pembelajaran Pecahan pada Siswa Sekolah Dasar                                                                                 | 2024 | Sinta 4 |
| Ary Susatyo Nugroho, Fenny Roshayanti                      | Potensi Implementasi <i>Science, Technology, Engineering, Art And Mathematic</i> (STEAM) pada Pembelajaran IPA Materi Perubahan Iklim ditinjau dari Prespektif Guru IPA Se Kabupaten Demak | 2024 | Sinta 5 |
| Mita Rahmawati, Fenny Roshayanti                           | Analisis Kesulitan Siswa dalam Menentukan Ide Pokok Paragraf (Studi pada Siswa Kelas IV Sekolah Dasar)                                                                                     | 2024 | Sinta 6 |
| Fenny Roshayanti, Rusmiati Rusmiati                        | Implementasi Pendekatan TaRL pada Mata Pelajaran Pendidikan Pancasila Kelas 2                                                                                                              | 2024 | Sinta 6 |
| Fenny Roshayanti, Ganis Suprihatini                        | Pengaruh Penggunaan Game Puzzle terhadap Hasil Belajar Bahasa Jawa Siswa Kelas 1                                                                                                           | 2024 | Sinta 6 |

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| S Sumarno, Fenny Roshayanti, Sari Utami                             | Pengaruh Penggunaan Game Edukasi Berbasis <i>Wordwall</i> dalam Pembelajaran IPAS terhadap Hasil Belajar Siswa                                      | 2024 | Sinta 6 |
| Fenny Roshayanti, Farida Nursyahidah                                | Efektivitas Model <i>Project Based Learning</i> terhadap Hasil Belajar Siswa Pada Materi Kalimat Persuasif Kelas 4                                  | 2024 | Sinta 6 |
| Intan Indiati, Triyanti Marfiana, Fenny Roshayanti                  | <i>Mangrove Forests As A Learning Resource: Improving Students' Science Literacy In Esd-Oriented Science Learning</i>                               | 2025 | Scopus  |
| Fenny Roshayanti, Intan Indiati, Siti Patonah                       | <i>The utilization of mangrove forests in ESD-oriented science learning to improve environmental literacy and science literacy: A meta-analysis</i> | 2025 | Sinta 2 |
| Endah Rita, Fenny Roshayanti, Siti Patonah                          | <i>ESD-Oriented Project-Based Differentiated Learning Model to Develop Critical Thinking Skills and Biodiversity Literacy</i>                       | 2025 | Sinta 2 |
| Muhammad Syaipul Hayat, Fenny Roshayanti                            | <i>Analysis Of Potential And Challenges Of Ethnoscience-Based Chemistry Learning In Madrasah Aliyah</i>                                             | 2025 | Sinta 3 |
| Fenny Roshayanti, Nizaruddin Nizaruddin, Harto Nuroso, Siti Patonah | <i>Identification of Student Misconceptions on Electrical Material Using the Certainty</i>                                                          | 2025 | Sinta 3 |



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|                                                   | <i>of Response Index (CRI) Method</i>                                                                                                                                                        |      |         |
| Muhammad Syaipul Hayat, Fenny Roshayanti          | Analisis Kemampuan Computational Thinking dan Science Reasoning Siswa SMP pada Materi Gerak dan Gaya                                                                                         | 2025 | Sinta 3 |
| M Syaipul Hayat, Fenny Roshayanti, Mega Novita    | <i>Environmental Literacy Analysis and Critical Thinking Skills of Middle School Students at SMP Geeta School in Understanding Science Education</i>                                         | 2025 | Sinta 4 |
| Fenny Roshayanti, Suyoto Suyoto, Anita Esti Utami | Pengaruh Model Pembelajaran <i>Problem Based Learning</i> Berbantuan Papan Diagram Batang terhadap Aktivitas Siswa pada Materi Penyajian Data Kelas IV SDN Kaligawe Semarang                 | 2025 | Sinta 4 |
| Intan Indiaty, Fenny Roshayanti                   | Analisis Bahan Ajar Materi Gelombang ditinjau dari Pendekatan Steam                                                                                                                          | 2025 | Sinta 4 |
| Fenny Roshayanti, Husni Wakhyudin, Sri Lestari    | Pengaruh Model Pembelajaran <i>Problem Based Learning</i> Berbantuan Media Kartu Bergambar terhadap Hasil Belajar Peserta Didik Pada Materi Membandingkan Bilangan Di Kelas I B SDN Kaligawe | 2025 | Sinta 4 |
| Fenny Roshayanti, Sutrisno Sutrisno,              | Pelatihan bagi Guru SMP Negeri 3                                                                                                                                                             | 2025 | Sinta 4 |

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| Khusnul Fajriyah,<br>Muhtarom Muhtarom                                    | Taman Kabupaten<br>Pemalang dalam<br>Menerapkan<br><i>Authentic Assesment</i>                                                                                            |      |         |
| Fenny Roshayanti,<br>Endah Rita Sulistya<br>Dewi                          | Potensi<br>Implementasi<br>STEAM ( <i>Science,<br/>Technology,<br/>Engineering, Art,<br/>Mathematics</i> ) pada<br>Pembelajaran<br>Biologi Di SMA Sint<br>Louis Semarang | 2025 | Sinta 4 |
| Ary Susatyo<br>Nugroho,<br>Muhammad Syaiful<br>Hayat, Fenny<br>Roshayanti | Profil Kemampuan<br>Literasi Sains pada<br>Peserta Didik Fase E<br>MAN Kota Sorong<br>Papua Barat Daya<br>Tahun 2025                                                     | 2025 | Sinta 5 |

D. Community Service Experience

| Name of Lecturer | Activities | Year |
|------------------|------------|------|
|                  |            |      |
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E. Presentation of Scientific Articles in Summits or Seminars Training Experience

| No | Activities                                                                                      | Organizer                                                       | Year |
|----|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------|
| 1. | Pelatihan dan Pendidikan (Diklat) bagi<br>Calon Kepala Laboratorium<br>Sekolah/Madrasah Batch 1 | Lembaga<br>Pengembangan<br>Profesi Universitas<br>PGRI Semarang | 2025 |
| 2. | Pelatihan dan Pendidikan (Diklat) bagi<br>Calon Kepala Perpustakaan<br>Sekolah/Madrasah Batch 1 | Lembaga<br>Pengembangan<br>Profesi Universitas<br>PGRI Semarang | 2025 |
| 3. | Narasumber Pelatihan dan Pendidikan<br>(Diklat) bagi Calon Kepala Tenaga                        | Lembaga<br>Pengembangan                                         | 2025 |

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|----|--------------------------------------------------------------------------------------------------------------------|-----------------------------------|------|
|    | Administrasi Sekolah/Madrasah Batch 1                                                                              | Profesi Universitas PGRI Semarang |      |
| 4. | Narasumber Workshop SD Supriyadi 1                                                                                 | SD Supriyadi Semarang             | 2025 |
| 5. | Narasumber <i>In House Training</i> (IHT)                                                                          | SMP Negeri 37 Semarang            | 2025 |
| 6. | Pengangkatan Pengelola Jurnal IPA Terpadu (JIT) Prodi Pendidikan IPA Fakultas Matematika dan Ilmu Pengetahuan Alam | Universitas Negeri Malang         | 2025 |