



## Findiyani Ernawati Asih, S.Pd., M.Pd.

| Position   | Chemistry Education Lecturer  |  |  |                     |
|--|---|--|--|---------------------|
|  | Lecturer in Chemistry Education   |  |  |                     |
| Academic Career  | Degree  | University                                 |  | Year                |
|  | Bachelor Degree<br>(Chemistry Education)  | Universitas Negeri Surabaya -<br>Indonesia |  | 2010 - 2014         |
|  | Master Degree<br>(Chemistry Educaion)   | Universitas Negeri Malang -<br>Indonesia   |  | 2015 - 2018         |
|  | Doctoral Degree   |  |  |                     |
| Employment   | Position  | Employer                                   |  | Period              |
|  | Assistant Professor   | Universitas Negeri Surabaya -<br>Indonesia |  | 2019 - now          |
| Research and<br>Development<br>Projects Over The<br>Last 5 Years | Title   | Year                                       | Partner/Funder                                   | Amount of Financing |
|  | Pengaruh Visualisasi Statis dan<br>Analogi di Dalam Pembelajaran<br>Inkuiri Terbimbing terhadap<br>Pemahaman Konseptual dan<br>Keterampilan Argumentasi Siswa<br>pada Materi Elektrokimia | 2017                                       | -  | -                   |
|  | Pengembangan Sumber Belajar<br>Digital sebagai Sarana Memotivasi<br>Perkuliahan Kimia Fisika selama<br>Masa Study From Home (SFH)   | 2020                                       | Program<br>Penelitian<br>Kompetitif<br>Kebijakan | Rp. 12.000.000,-    |

|   |   | Fakultas FMIPA   |                |                               |
|---|---|--|----------------|-------------------------------|
| Community Service Over The Last 5 Years       | Title   | Year   | Partner/Funder | Amount of Financing (million) |
|   |   | Pelatihan Pembuatan Media Bedak (Pembelajaran Daring Kimia) sebagai Solusi Pembelajaran Jarak Jauh pada Era COVID-19 | 2020           | PKM Kebijakan FMIPA           |
| Industry Collaborations Over The Last 5 Years |   |  |                |                               |
| Patents and Proprietary Rights                | Title   | Patent ID  | Year           |                               |
|   | E-Modul Stoikiometri Berbasis Chemistry Project   | EC00202047952  | 2020           |                               |
|   | Instrumen Kreativitas dan Kemampuan Skolastik Kimia   | EC00202046961  | 2020           |                               |
| Important Publication Over The Last 5 Years   | <ol style="list-style-type: none"> <li>Asih, F. E., Ibnu, S., dan Suharti. 2018. Pengaruh Pembelajaran Inkuiri Terbimbing dengan Penyajian Representasi Submikroskopik yang Berbeda terhadap Pemahaman Konseptual Siswa pada Materi Sel Volta. <i>Jurnal Pendidikan: Teori, Penelitian, dan Pengembangan</i>, Vol 3, No 11, pp. 1434-1439</li> <li>Asih, F. E., Ibnu, S., dan Suharti. 2018. Pengaruh Karakteristik Representasi Submikroskopik terhadap Keterampilan Argumentasi Siswa pada Topik Elektrokimia. <i>J-PEK (Jurnal Pembelajaran Kimia)</i>, Vol 3, No 2, pp.1-9.</li> <li>Asih, F. E., Ibnu, S., Suyono, dan Suharti. 2019. Students' Misconceptions on Understanding Corrosion Topic by and without Analogy. National Seminar on Chemistry 2019 (SNK-19), article published on <i>Atlantis Press</i>.</li> <li>Asih, F.E., Mahdiannur, M.A., dan Aulia, E.V. 2020. Analysis of undergraduate mathematic students' understanding on microscopic representation of general chemistry lecture based on their scientific reasoning ability. MISEIC 2020, ), article published on <i>IOP</i>.</li> </ol> |  |                |                               |
| Activities in Special Institution             | Organization Role   | Position   | Period         |                               |
|   |   |  |                |                               |