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<b>Name</b>	Dr. Vina Serevina, M.M
<b>Position</b>	Lecturer in Physics Education, Universitas Negeri Jakarta
<b>Educational Background</b>	<ol style="list-style-type: none"> <li>1. Bachelor's degree Physics Education, Universitas Negeri Jakarta</li> <li>2. Master's degree Manajemen, Yayasan Persada Indonesia</li> <li>3. Doctoral degree Manajemen Pendidikan, Universitas Negeri Jakarta</li> </ol>
<b>Academic Career (Employment)</b>	-
<b>Research and Development project over the last 5 years</b>	<ol style="list-style-type: none"> <li>1. 2022-Influence of Website-Based E-Learning in the Pandemic Era: Improving Students' Creative Thinking Skills through Educational Management</li> <li>2. 2022-The Validity of Learning Implementation Plan of Independent Learning in Online Learning using Direct Learning Models on Thermodynamics Subject</li> <li>3. 2022-Student responses to the development of online learning device based guided inquiry in mechanical waves matter</li> <li>4. 2022-Development of Edmodo-Based Online Learning Media Devices Based on Modified Free Inquiry (MFI) on Electric Circuit Materials For Distance Learning (PJJ)</li> <li>5. 2022-Development of Distance Learning Tools Based on Problem Solving Laboratory (PSL) on Work and Energy Materials</li> </ol>

6. 2022-Development of Interactive Ludo Games on Earth and Space Science Learning Material as High School Exercise Media
7. 2022-Development of Online Learning Tools for Elasticity Materials Using the 7E Learning Model in Class XI Senior High School
8. 2022-Development of Physics Learning Interactive Multimedia Integrated with Student Worksheets on the Subject of Vibration for High School Students
9. 2022-The effectiveness of discovery learning model on exoplanet materials in distances learning
10. 2022-The Effect of Telescope Use on High School Student Understanding and Learning Motivation
11. 2022-The Effect of Active Learning in The Flipped Classroom Learning Model on 6th Grade Science Subjects of Elementary School
12. 2022-Development of online learning implementation plan (LIP) based entrepreneurship-based learning on static fluid material
13. 2022-Improving The Quality Of Education Through Effectiveness Of E-Module Based On Android For Improving The Critical Thinking.
14. 2022-Development of online learning devices based on project based learning (PjBL) in optical materials
15. 2022-Quick Response (QR) Code Assisted Learning Media on System Materials for Distance Learning Sky Coordinates
16. 2022-Innovation Business of Unique Wall Clock as an Effort for Utilizing Cardboard Waste
17. 2022-Pengembangan Buku Pengayaan Pengetahuan Elektronik Gempa Bumi Tektonik dari Sudut Pandang Fisika untuk Siswa SMA/MA
18. 2021-Improving the Quality of Education in the Covid-19 Era Through the Implementation of Online Learning Resources With Poe2We Model on Parabolic Motion
19. 2021-The development of electronic module based on problem based learning on balance and rotation dynamic topic to improve science literacy of senior high school.
20. 2021-Development of E-Learning Video Using a Contextual Approach to Distance Learning Static Fluid Discussion
21. 2021-Learning media development based on virtual experiment to improve high school students' critical thinking skills in circular motion concept
22. 2021-The Usaha Briket Biomassa Sebagai Sarana Pengurangan Bahan Bakar Fosil Dan Mengurangi Limbah
23. 2021-Question items material symptoms of global warming in the form of a description test to train ideation thinking in student high school class XI

24. 2021-Development of online learning devices based on PDEODE (predict-discuss I-explain I-observe-discuss II-explain II) on the material doppler effect in the covid-19.
25. 2021-Development of Flash-Based Learning Media on Static and Dynamic Fluid Materials for Class XI High Schools
26. 2021-Development of Miniature Teaching Aids Conversion of Motion Energy into Electrical Energy as a Learning Media for High School/Vocational Physics in Jakarta
27. 2021-Pelatihan Media Phet Simulation Untuk Pembelajaran Jarak Jauh
28. 2021-Pelatihan Pemanfaatan Limbah Gergaji Dan Cangkang Telur Ayam Untuk Membuka Usaha Briket Biomassa
29. 2020-The development of E-learning media to improve students' science literacy skill in Senior High School
30. 2020-The development of flip book contextual teaching and learning-based to enhance students' physics problem solving skill
31. 2020-Development of website on General Physics subject to increase analytical skills of students
32. 2020-Development of connected massive open online course (cMOOCs) based on multimedia for thermodynamics subject to improve students' self-directed learning ...
33. 2020-Pengembangan Modul Elektronik Fisika Berbasis I-Sets Berbantuan Articulate Storyline Pada Materi Gelombang Cahaya
34. 2020-Application of a Guided Inquiry Model to Improve the Learning Outcomes of Class XI Physics Students
35. 2020-E-Learning Berbasis Discovery Learning Menggunakan Schoology
36. 2019-Media Pembelajaran Ebook Berbasis 3d Pageflip Pada Materi Suhu Dan Kalor Dengan Model Pembelajaran Discovery Learning
37. 2019-Lembar Kerja Elektronik Peserta Didik Dilengkapi Video Animasi Berbasis Guided Discovery Pada Materi Gerak Harmonis Sederhana
38. 2019-Lembar Kerja Elektronik Peserta Didik Dilengkapi Simulasi Phet Berbasis Inkuiri Terbimbing untuk Meningkatkan Penguasaan Konsep Fisika pada Siswa SMA
39. 2019-Lembar Kerja Elektronik Peserta Didik Dengan Model Pembelajaran Berbasis Masalah Untuk Meningkatkan Kemampuan Berpikir Tingkat Tinggi
40. 2019-Pengembangan Media Pembelajaran Fisika Berupa Permainan Monopoli Pada Pokok Bahasan Dinamika Rotasi dan Keseimbangan Benda Tegar Kelas XI SMA
41. 2019-Learning Cycle 5E Menggunakan E-Learning Berbasis Schoology Pada Materi Elastisitas Dan Hukum Hooke
42. 2018-Development of performance assessment instrument based on contextual teaching and learning (CTL) on simple harmonic motion

	43. 2018-Relationship between time management and students' learning outcomes at grade XI - Science on fluid statics subject
<b>Industry collaboration/ Community Services over the last 5 year</b>	<ol style="list-style-type: none"> <li>1. 2022-Pelatihan Pembuatan Desain Pembelajaran Fisika Abad ke-21 untuk Guru-guru MGMP Fisika se Jakarta Timur di MAN 2 Jakarta</li> <li>2. 2021-Pelatihan Media Pembelajaran Fisika Menggunakan PHET SIMULATION Di SMA Negeri 59 Jakarta</li> <li>3. 2019-Pelatihan E-Commerce untuk MGMP PADEGLANG, Banten – 2019</li> </ol>
<b>Patents and Intellectual Property Right (IPR)</b>	<ol style="list-style-type: none"> <li>1. 2019- pengembangan set alat praktikum transformator step up dan step down berbasis arduino</li> <li>2. 2019- pendidikan kewirausahaan</li> <li>3. 2019- modul elektronik pada pokok bahasan gelombang mekanik dengan model quantum teaching untuk siswa kelas XI IPA</li> <li>4. 2019- pembiasaan cahaya berbasis inkuiri terbimbing dengan simulasi PHET</li> <li>5. 2019- modul praktikum pembiasaan cahaya</li> <li>6. 2019- lembar kerja siswa mobile learning</li> <li>7. 2019- Gerakan harmonis sederhana discovery learning</li> <li>8. 2019- buku fisika usaha dan energi</li> <li>9. 2019- buku evaluasi dan penilaian dan pembelajaran</li> <li>10. 2019- buku pengayaan pengetahuan fisika transportasi</li> <li>11. 2019- buku pengayaan nuklir</li> <li>12. 2019- buku fisika SMA suhu dan kalor</li> <li>13. 2019- aplikasi android media pembelajaran gelombang bunyi</li> <li>14. 2018- fisika dalam popcorn</li> <li>15. 2018- mika dan gerhana bulan</li> <li>16. 2018- mika di negeri dongeng</li> <li>17. 2018- pekan kreativitas mahasiswa</li> <li>18. 2018- suhu dan kalor</li> </ol>
<b>Important publications over the last 5 years</b>	<ol style="list-style-type: none"> <li>1. 2022-The Effect of Active Learning in the Flipped Classroom Learning Model on 6th Grade Science Subjects of Elementary School</li> <li>2. 2022-Development of online learning devices based on project based learning (PjBL) in optical materials</li> <li>3. 2022-Development of online learning implementation plan (LIP) based entrepreneurship-based learning on static fluid material</li> <li>4. 2022-Development of Online Learning Tools Based on Computer Assisted Instruction Material for Newton's Law of Gravity</li> <li>5. 2022-Learning Application Design Using Physicatz of Geography and Science Edition: Solar System for High School</li> <li>6. 2022-Development of Edmodo-Based Online Learning Media Devices Based on Modified Free Inquiry (MFI) on Electric Circuit Materials for Distance Learning (PJJ)</li> </ol>

	<ol style="list-style-type: none"> <li>7. 2022-The Effect of Telescope Use on High School Student Understanding and Learning Motivation</li> <li>8. 2021-Development of discovery learning-based on online learning tools on momentum and impulse</li> <li>9. 2021-The development of electronic module based on problem based learning on balance and rotation dynamic topic to improve science literacy of senior high school students</li> <li>10. 2021-Development of online learning devices based on PDEODE (predict - Discuss i - - discuss II - Explain II) on the material doppler effect in the covid-19 pandemic era</li> <li>11. 2021-Development of online learning device based on demonstration models on heat transfer materials</li> <li>12. 2021-MIX reality based media prototype for learning physics of gravity and Kepler's law</li> <li>13. 2020-Development of website on General Physics subject to increase analytical skills of students</li> <li>14. 2020-The development of E-learning media to improve students' science literacy skill in Senior High School</li> <li>15. 2020-Analysis of student's learning achievement using PhET interactive simulation and laboratory kit of gas kinetic theory</li> <li>16. 2019-Effect of Engine Speed on the Performance of Automotive Air Conditioning System Using R134a and R152a As Refrigerants</li> <li>17. 2019-Developing E-Module for fluids based on problem-based learning (PBL) for senior high school students</li> <li>18. 2019-Developing practicum device using magnetic sensor for circular motion at Senior High School</li> <li>19. 2019-Developing high order thinking skills (HOTS) assessment instrument for fluid static at senior high school</li> <li>20. 2018-Development of student performance assessment based on scientific approach for a basic physics practicum in simple harmonic motion materials</li> </ol>
<p><b>Activities in Professional organizational over the last 5 years</b></p>	<ol style="list-style-type: none"> <li>1. Member of Physical Society of Indonesia (PSI)</li> </ol>