CURRICULUM VITAE

**IDENTITAS DIRI**

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Tempat dan Tanggal Lahir : **JEMBER, 10 JULI 1968**

Jenis Kelamin : **□ Laki-laki** □ Perempuan

Status Perkawinan : **□ Kawin** □ Belum Kawin □ Duda/Janda

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Golongan / Pangkat : **III d / Penata Tingkat 1**

Jabatan Akademik : **Lektor**

Perguruan Tinggi : **UNIVERSITAS JEMBER**

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**RIWAYAT PENDIDIKAN PERGURUAN TINGGI**

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| --- | --- | --- | --- |
| Tahun  Lulus | Program Pendidikan | Perguruan Tinggi | Jurusan/  Bidang Studi |
| 1992 | Sarjana | UNIVERSITAS JEMBER | PEND. FISIKA |
| 2001 | Magister | JAMES COOK UNIVERSITY | FISIKA |

**PENGALAMAN MENGAJAR**

|  |  |  |  |
| --- | --- | --- | --- |
| Mata Kuliah | Program Pendidikan | Institusi/Jurusan/Program | Semester/  Tahun Akad |
| FISIKA DASAR | S – 1 | FKIP/P.MIPA/P.FISIKA | Gansal & Genap /1994 - 1997 |
| FISIKA MODERN | S – 1 | FKIP/P.MIPA/P.FISIKA | Gansal / 1994 - Sekarang |
| FISIKA MATEMATIKA | S – 1 | FKIP/P.MIPA/P.FISIKA | Gansal / 2003 - Sekarang |
| FISIKA STATISTIK | S – 1 | FKIP/P.MIPA/P.FISIKA | Gansal / 2003 - Sekarang |
| FISIKA KUANTUM | S - 1 | FKIP/P.MIPA/P.FISIKA | Genap / 1993 - sekarang |
| MEKANIKA KUANTUM | S -1 | FKIP/P.MIPA/P.FISIKA | Gansal 2018 - Sekarang |
| LISTRIK MAGNET | S - 1 | FKIP/P.MIPA/P.FISIKA | Gasal / 2014 – Sekarang |
| FISIKA ATOM | S - 1 | FKIP/P.MIPA/P.FISIKA | Genap / 2018 - Sekarang |
|  |  |  |  |

**ARTIKEL**

|  |  |  |
| --- | --- | --- |
| Tahun | Judul | Penerbit/Jurnal |
| 2020 | Analysis of the relationship the distance barriers GaAs and GaAs with the transmission coefficient and the reflection coefficient | Journal of Physics Conference Series |
| 2020 | Numerical simulation of mass in core decay of radioactive substance Thorium-232 series | Journal of Physics Conference Series |
| 2020 | The base matrix of Hermitian operator order n < 4 | Journal of Physics Conference Series |
| 2020 | Complete solutions of particle in three dimensional box with variations in main quantum number | Journal of Physics Conference Series |
| 2020 | The commutator of raising and lowering operators for angular momentum to the free particle’s hamiltonian | Journal of Physics Conference Series |
| 2020 | Analysis of magic table in completin of closed flow circuits | Journal of Physics Conference Series |
| 2019 | Pythagoras method to complete Eimstein special relativity issues | Journal of Physics Conference Series |
| 2019 | Solution of spherical equation in 3 dimensions for Hidrogen atom with quantum number 4 < n < 5 | Journal of Physics Conference Series |
| 2019 | The function of the radial wave of a Hydrogen atom in the principal quantum numbers (n) 4 and 5 | Journal of Physics Conference Series |
| 2019 | Determination of energy leve;ls, probabilities,and expectation values of particles in the three-dimention | Journal of Physics Conference Series |
| 2019 | Theoritical analysis quantum tunneling three potensial barriers to the Schrodinger equation in graphen | Journal of Physics Conference Series |
| 2019 | Angular momentum operator commutator against position and Hamiltonian of a free particle | Journal of Physics Conference Series |
| 2019 | Tunnelling effect on triple potensial bariers GaN, SiC and GaAs | Journal of Physics Conference Series |
| 2019 | Study of central and non-central collisions in billiard games | IOP Conference Series/Scopus |
| 2019 | Van der waals interaction of ground state energy on ion molecular Hidrogen | Journal of Physics Conference Series / Scopus |
| 2018 | Tunneling effect on double potential bariers GaAs and PbS | Journal of Physics Conference Series / Scopus |
| 2018 | The Stark effect on the spectrum energy of tritium in first excited state with relativistic condition | Journal of Physics Conference Series / Scopus |
| 2018 | The Stark effect on wave function of Tritium in relativistic condition | Journal of Physics Conference Series / Scopus |
| 2018 | Study of Kynimatics and dynamics in the traffic of Rembangan Tourism in the Jember Regency as learning resources for physics learning in the Senior High School | Pancaran Pendidikan |
| 2018 | **Analysis of UV-B Absorption by Fiber Plastic/Glass with Various Colors using UV-VIS Spectrometer** | International Journal of Advanced Engineering Research and Scince |
| 2017 | **Analisis pengaruh warna dan ukuran dinding ruangan terhadap intesitas Pencahayaan** | Jurnal Pembelajaran Fisika |
| 2015 | **Simulasi numeric massa peluruhan inti zat radioaktif unsur Uranium-238 dengan metode Aljabar Matriks** | Jurnal Pembelajaran Fisika |

**BUKU**

|  |  |  |
| --- | --- | --- |
| Tahun | Judul | Penerbit |
| 2019 | Fisika Atom ber ISBN | Univ Jember |