



Curriculum Vitae

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Unit Kerja :Fakultas MIPA
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Keahlian :

Mengajar:

Fisika Koloid, Teknologi Surfaktan, Fisika Instrumen

Pernah mengajar:

Fisika Dasar, Fisika Matematik, Fisika Atom, Fisika Zat Padat, Sejarah Fisika dll

Mengoperasikan alat:

1. Mahir mengoperasikan Atomic Force Microscope (AFM). Hasil karya dipresentasikan di Univeristy of Newcastle, Australia.

2. Mahir mengoperasikan Phase Analysis Light Scattering (PALS)

Turut berkontribusi dalam membangun Fiber Optic Phase Analysis (PALS) Light Scattering pertama di dunia dengan memodifikasi Conventional PALS karya Dr. John Miller, University of Bristol. Hasil karya dipublikasikan di jurnal LANGMUIR, Washington, USA, 2002

3. Ahli dalam memanipulasi Fiber Optic untuk Sistem Hamburan Cahaya. Hasil karya dipublikasikan di Journal of Applied Optics, Washington, USA, 1994

Bidang Pendidikan :

S1: Universitas Gadjah Mada, 1987

S2: University of South Australia, 1995

Thesis: *A Fiber Optic Light Scattering System*


S3: University of South Australia, 2002

Desertation: *Charging Behaviour in A Nonpolar Colloidal System*

File Bidang Pendidikan :

 [SILABUS+RPP+001](#)

 [LISTRIK+STATIS+HUKUM+COULOMB](#)

 [BAHAN+AJAR+SEJARAH+FISIKA](#)



-  Introduction+to+Mechanics,+Heat+and+Sound+Syllabus
-  RPP+FIS+INTRUMEN
-  SILABUS+FIS+INSTRUMEN
-  RPP+SEJARAH+FISIKA
-  SILABUS+DAN+RPP+SEKSI+FISIKA+KOLOID+DASAR
-  SILABUS+DAN+RPP+FISIKA+KOLOID+LANJUT
-  SILABUS+DAN+RPP+TEKNOLOGI+HAMBURAN+CAHAYA
-  No+1+Ijazah+S3
-  No+2+SPernyataan+Melakukan+Kegiatan+Pendidikan+&+Pengajaran
-  No+6+Pembimbing+Pendamping+2+mhsw+S2+PPS+UNY
-  No+7+6+SK+Dir+Paska+UNY+menguji+Thesis+S2
-  No+8+1+SK+PEMBIMBING+AKADEMIK+1+SEPT+2000+-+31+JAN+2001
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-  SK+Pembimbing+TAS+1+Utami+Dewi
-  SK+Pembimbing+TAS+2+M+Ariansyah+Noor
-  SK+Pembimbing+TAS+3+M+Zuhdi+Sakuri
-  SK+Pembimbing+TAS+4+Agus+Rahmad+Wibawa
-  SK+Pembimbing+TAS+5+Frida+Agung+Rakhmadi
-  SK+Pembimbing+TAS+6+Wahyu+Retno+Damayanti
-  SK+Pembimbing+TAS+7+Ida+Riyanti
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- SK+Pembimbing+TAS+10+Mulyati
- SK+Pembimbing+TAS+11+Afifah+Anggraeni
- SK+Pembimbing+TAS+12+Sudarsih
- SK+Pembimbing+TAS+13+Nurwahida



- SK+Pembimbing+TAS+14+Ika+Indah+Lestari
- SK+Pembimbing+TAS+15+Anita+Suesti
- SK+Pembimbing+TAS+16+R+Wisnu+Broto
- SK+Pembimbing+TAS+17+Sayekti+Handayani
- SK+Pembimbing+TAS+18+Setyoso
- SK+Pembimbing+TAS+19+Hari+Nurdi
- SK+Pembimbing+TAS+20+Nurhidayati
- SK+Pembimbing+TAS+21+Retno+Wulandari
- SK+Pembimbing+TAS+22+Heksa+Suprpti
- SK+Pembimbing+TAS+23+Erlin+Nariawati
- SK+Pembimbing+TAS+24+Wahyu+Sarwi+Mumpuni
- SK+Pembimbing+TAS+25+Sri+Mindarsih
- SK+Pembimbing+TAS+26+Farida+Hastuning
- SK+Pembimbing+TAS+27+Nugraheni+Murti+A
- SK+Pembimbing+TAS+28+Eni+Muflih
- SK+Pembimbing+TAS+29+Niken+Suwasti
- SK+Pembimbing+TAS+30+Nina+Ridhosari
- SK+Pembimbing+TAS+31+Margarita+Titus+P
- SK+Pembimbing+TAS+32+Samaratun
- SK+Pembimbing+TAS+33+Kusuma+Ramadhanty
- SK+Pembimbing+TAS+34+Nurhidayati
- SK+Pembimbing+TAS+35+Agus+Biantoro
- SK+Pembimbing+TAS+36+Unangalim+Ardhiyadi
- SK+Pembimbing+TAS+37+Widyagusta+P
- SK+Penguji+TAS+1+Heri+Priyanto
- SK+Penguji+TAS+2+Utami+Dewi
- SK+Penguji+TAS+3+Lanny+Purwaningrum
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- SK+Penguji+TAS+43+Optika+Prisma
- SK+Penguji+TAS+44+Ruther+Iwanafre
- SK+Penguji+TAS+45+Wahyu+Kumala+Sari
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- SK+Penguji+TAS+65+Sumadi
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- SK+Penguji+TAS+67+Sentot+Kusaeri
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- SKPenasehat+Akademik+th+2002+no+50a
- SKPenasehat+Akademik+th+2002+no+110b
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- SKPenasehat+Akademik+th+2005+no+58
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- SKPenasehat+Akademik+th+2011+no+247B
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- SKPenasehat+Akademik+th+2013+no+405B
- SKPangkatan+Kepala+Lab+th+2002+no+16
- SKPangkatan+Kepala+Lab+th+2003+no+44
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- SKDir+PPS+UNY+Penguji+Thesis+th+2003+no+282
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- SKDir+PPS+UNY+Penguji+Thesis+th+2012+no+625
- SKDir+PPS+NY+Pembimbing+Thesis+th+2002+no+75
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Bidang Penelitian :

1. Buku Referensi: Hamburan Cahaya dalam Sistem Koloid: Teori dan Instrumentasi, PPMIS-FMIPA UNY, 2012
12. Buku refensi: Dinamika Partikel Koloid, UNY Press, 2012
3. Jurnal Internasional: Internatioanl Journal of Engineering and Sciences - International Journal of Basic and Applied Sciences (IJENS-IJBAS), Vol 12 no 4, Pakistan, 2012
4. Jurnal Internasional: Internatioanl Journal of Engineering and Sciences- International Journal of Basic and Applied Sciences (IJENS-IJBAS), Vol 12 no 6, Pakistan, 2012
5. Jurnal Internasional : International Journal of Applied Physics and Mathematics, vo; 3 no 2, Singapore, 2013
6. Jurnal Internasional: Academic Journal of Science, vol 2 no 1, USA, 2013
7. Jurnal Internasional: Langmuir vol 18 no 5, USA, 2002
8. Jurnal Nasional tak terakreditasi: JPMS Thn 7 no 1, UNY, 2002
9. Jurnal Nasional tak terakreditasi: Saintek, vol 7 no 2, UNY, 2002
10. Prosiding Seminar Internasional: 27th International Conference on School Effectiveness and



Improvement (ICSEI), UNY, Yogyakarta, 2013

11. Prosiding Seminar Internasional: International Conference on Physics and Its Application (ICOPIA), UNS, Solo, 2012

12. Prosiding Semnas Pendidikan Sains PPs UNY, Yogyakarta, 2013




















13. Prosiding Semnas MIPA: FMIPA UNY, Juni 2012

14. Prosiding Semnas dan Musyawarah IKA UNY, 2002

15. Opini di kedaulatan Rakyat, 7 Januari 2011

16. Opini di The Jakarta Post, 15 Desember 2012



File Bidang Penelitian :

-  [BUKU+001](#)
-  [BUKU+002](#)
-  [JURNAL+INTERNASIONAL+001](#)
-  [JURNAL+INTERNASIONAL+002](#)
-  [JURNAL+INTERNASIONAL+003](#)
-  [JURNAL+INTERNASIONAL+004](#)
-  [JURNAL+INTERNASIONAL+005](#)
-  [JURNAL+NASIONAL+01](#)
-  [JURNAL+NASIONAL+02](#)
-  [PROSIDING+INTERNASIONAL+001](#)
-  [PROSIDING+INTERNASIONAL+002](#)
-  [PROSIDING+SEMNAS++001](#)
-  [PROSIDING+SEMNAS++002](#)
-  [PROSIDING+SEMNAS++003](#)
-  [KEDAULATAN+RAKYAT](#)
-  [THE+JAKARTA+POST](#)
-  [ajs](#)
-  [ijapm-2014](#)
-  [pros-quantum-2012](#)

Bidang Pengabdian :

Tahun	Kegiatan
2001	PPM Pelatihan guru-guru SD, STP dan SLTA di FMIPA UNY 28-29 Maret 2001 Kerjasama antara FMIPA UNY dengan DKTI
2012	PPM Pelatihan Pengelolaan Laboratorium Fisika Guru-guru Kabupaten dan kota Magelang

File Bidang Pengabdian :

-  [ppm001](#)
-  [ppm-002](#)



Penunjang :

File Penunjang :

-  SP+Melakukan+Keg+Penunjang
-  Piagam+1
-  Piagam+2
-  Piagam+3
-  Piagam+4
-  Piagam+5
-  Piagam+6
-  Piagam+7
-  SK+Dekan+no+02a+th+2001+Kel+Kerja+JICA
-  SK+Dekan+no+121+th+2001+Panitia+SEMNAS+IPA
-  SK+Dekan+th+2002+no+06+Panitia+WG+Conference
-  SK+Dekan+th+2002+no+78a+Panitia+semnas+Penelitian+MIPA+dan+Pend+MIPA
-  SK+Dekan+th+2002+no+135+Panitia+Sarasehan+Exchange+Experience+JICA
-  SK+Dekan+th+2005+no+125+Tim+Reviewer+teman+sejawat
-  SK+Dekan+th+2012+no+03+Panitia+Raker+Penjabaran+RKPT
-  SK+Dekan+th+2012+no+14+Panitia+Monev+Basic+Science
-  SK+Dekan+th+2012+no+72+Penetapan+dosen+koreksi+hasil+ujian
-  SK+Dekan+th+2012+no+160+Tim+Pengembang+Lesson+Study
-  SK+Dekan+th+2012+no+214+sbg+Anggota+Senat+Fakultas
-  SK+Dekan+th+2012+no+328+Tim+Penyusun+kurikulum+PPGMIPABI
-  SK+Dekan+th+2013+no+86+Tim+Pengembang+Lesson+Study
-  SK+Rektor+th+2002+no+033+tgl+22+Feb+2002+sbg+JICA+Counterpart
-  SK+Rektor+th+2002+no+323+tgl+25+Nov+2002+sbg+JICA+Counterpart
-  SK+Dekan+th+2012+no+347+Pengangkatan+Panitia+Seminar+Proposal+Penelitian+MIPA
-  SK+Dekan+th+2012+no+360a+Tim+Monitoring+PPM
-  SK+Dekan+th+2012+no+360b+Penetapan+Tim+Monitoring+Penelitian+Dosen
-  SK+Dekan+th+2012+no+361+Penetapan+panitia+Pendamping+Pelepasan+Wisuda
-  SK+Dekan+th+2012+no+362+Panitia+Wisata+kampus+Jurdik+Fisika+FMIPA
-  SK+Dekan+th+2012+no+365+Panitia+Seminar+Nasional
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-  SK+Dekan+th+2012+no+405+Penetapan+Pengawas+Ujian
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-  SK+Dekan+th+2012+no+449a+Panitia+Pelatihan+Kepala+Lab
-  SK+Dekan+th+2012+no+456+Penetapan+Panitia+Ujian+Kelas+KKT
-  SK+Dekan+th+2012+no+500+Penetapan+HR+Pengajar+Remidi
-  SK+Dekan+th+2012+no+507+Penetapan+HR+Pembuat+Soal+dan+Koreksi+Ujian
-  SK+Dekan+th+2012+no+508+Penetapa+HR+Pembuat+Soal+&+Pengoreksi+Hasil+Ujian+Remid
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-  SK+Dekan+th+2012+no+513+Penetapan+Pengelola+Semester+Khusus+th+2012



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- SK+Dekan+th+2012+no+557+Panitia+Seminar+Nasional+Jurdik+Fisika
- SK+Dekan+th+2012+no+578+Penetapan+Pengelola+Kelas+KKT+Sem+II+2012
- SK+Dekan+th+2012+no+639a+Panitia+Pelatihan+Kepala+Lab+Sekolah
- SK+Dekan+th+2012+no+640+Penetapan+pengelola+manajemen+Fak+Kelas+Internasional
- SK+Dekan+th+2012+no+644+Pengelola+Kelas+Bengkayang+Sem+gasal+2012
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- SK+Dekan+th+2012+no+685+Panitia+seminar+Hasil+Penelitian+n+PPM
- SK+Dekan+th+2012+no+688+Tim+Penerapan+Sistem+manajemen+ISO
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- SK+Dekan+th+2013+no+133+Pengangkatan+Ketua+Jurusan,+Sekjur+dan+koprodu
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