

CURRICULUM VITAE



Name : Herman Dwi Surjono, Ph.D.
Place & Date of Birth : Sidoarjo, 5 February 1964
Gender : Male
Residence : Jl. Gandaria 7 Perum Jambusari Indah – Yogyakarta
Office : Jalan Colombo No. 1 Yogyakarta 55281 INDONESIA
Phone : +62 274 550836 ext. 440
Mobile : +62 821 346 13 100
Email address : hermansurjono@uny.ac.id; hermansurjono@gmail.com
Homepage : <http://herman.elearning-jogja.org>
Blog : <http://blog.uny.ac.id/hermansurjono>

Education:

No	Level	Major	University	Grad Year
1.	B.Sc.	Electronics Education	IKIP Yogyakarta	1986
2.	M.Sc.	Industrial Ed. and Technology	Iowa State Univ USA	1994
3.	M.Eng	Computer System & Informatics	UGM Yogyakarta	2000
4.	PhD.	Information Technology	Southern Cross University – Australia	2006

Professional Experience:

No	Occupation	Periods
1.	Lecturer at College of Engineering – Yogyakarta State University	1986 – present
2.	Department Secretary at College of Engineering – Yogyakarta State University	1996 – 1998
3.	Instructor at TTUC Bandung	1986
4.	Lecturer at MMTC Yogyakarta	1997 – 2000
5.	Lecturer at Polytechnic PPKP Yogyakarta	1997 – 2000
6.	Lecturer at Postgraduate College – Yogyakarta State University	2006 – present
7.	Head of Computer Centre – Yogyakarta State University	2006 – 2011
8.	Research Board at College of Engineering – Yogyakarta State University	2007 – 2011
9.	Head of Information Division of Teacher Certification Committee	2007 – 2009
10.	Assessor of Teacher Certification	2007 – present
11.	Head of ICT Competence Test Development Team – Department of National Education	2007 – 2010
12.	Member of ICT Textbook Instrument Development	2008 – 2009

	Team – Department of National Education	
13.	Head of Instructional Technology Postgraduate School at Yogyakarta State University	2012 - present

Teaching Responsibilities:

No	Courses	Level
1.	Java Programming	Undergraduate
2.	Educational Media	Undergraduate
3.	Analog Electronics	Undergraduate
4.	Multimedia based Learning	Undergraduate
5.	E-learning	Undergraduate
6.	Media Digital	Undergraduate
7.	Multimedia Learning	Postgraduate
8.	Computer Programming	Postgraduate
9.	E-learning System	Postgraduate
10.	ICT based Learning	Postgraduate
11.	Information System Development	Postgraduate
12.	Web based Learning	Postgraduate
13.	Multimedia System	Postgraduate

Research:

No	Research Title	Funding	Year
1	The effect of diffusion time on sheet resistance and junction depth in transistor fabrication (Indonesian)	University	1989
2	Factors that caused students being late for completing their study in IKIP Yogyakarta (Indonesian)	University	1989
3	The application of varactor diodes and variable capacitors as oscillator frequency determination (Indonesian)	University	1990
4	The application of varactor diodes in a tuning circuit of radio receiver (Indonesian)	University	1991
5	The experimentation of transmitting television signal through TV transmitter and CCTV (Indonesian)	University	1991
6	The development of computer-assisted instruction using the ABC authoring system for teaching basic electronics (English)	Master Thesis from Iowa State Univ. USA	1994
7	Implementation of local curriculum of electronic in junior school in Yogyakarta (Indonesian)	University	1996
8	The development of computer-assisted instruction with error remediation strategies for teaching electronics (Indonesian: Pengembangan Program CAI Dengan Strategi Remediasi Kesalahan)	Ministry of National Education	1997

	Untuk Pengajaran Teori Elektronika)		
9	The development of computer-assisted instruction with response repetition strategies for teaching electronics (Indonesian: Pengembangan Program CAI dengan Strategi Pengulangan Respon untuk Pengajaran Teori Elektronika)	Ministry of National Education	1998
10	Pengaruh Kapasitor Padder dan Trimmer Osilator Lokal Pesawat Penerima Radio Terhadap Kesalahan Penjejukan	University	1998
11	The development of a multimedia computer-assisted instruction program for learning electronics (Indonesian: Pengembangan Program CAI Multimedia untuk Pembelajaran Teori Elektronika)	Ministry of National Education	1999
12	The development of E-commerce System using Components and Object-Oriented Framework Technology (Indonesian: Pengembangan Sistem E-Commerce dengan Teknologi Komponen dan Framework Berorientasi Obyek)	Master Thesis from Gadjah Mada Univ.	2000
13	The development of shopping cart system in e-commerce environment (Indonesian)	University	2001
14	Development and Evaluation of an Adaptive Hypermedia System Based on Multiple Student Characteristics (English)	Doctoral thesis from Southern Cross University	2006
15	An E-Learning Model with Jigsaw Cooperative Approach for Increasing Competitiveness of Graduation (Bahasa Indonesia: E-Learning Sebagai Model Pembelajaran Mandiri dengan Pendekatan Kooperatif Tipe Jigsaw dalam Rangka Meningkatkan Daya Saing Lulusan Perguruan Tinggi)	Ministry of National Education	2007
16	The effectiveness of the online scientific paper writing advising for teachers (Bahasa Indonesia: Studi Efektivitas Pembimbingan Penulisan Karya Ilmiah Online bagi Guru)	University	2007
17	The development of e-learning system at Yogyakarta State University (Bahasa Indonesia: Pengembangan sistem elearning di Universitas Negeri Yogyakarta)	University	2007
18	The Development of An Adaptive E-learning Model to Learning Style Diversity for Increasing Learning Effectiveness (Bahasa Indonesia: Pengembangan Model E-learning Adaptif Terhadap Keragaman Gaya Belajar Mahasiswa untuk Meningkatkan Efektivitas Pembelajaran)	Ministry of National Education	2008
19	Potensi Implementasi Teknologi Informasi dan	Ministry of	2009

	Komunikasi (TIK/ICT) dalam Rangka Peningkatan Mutu Pembelajaran di Sekolah Menengah Atas se-Kota Yogyakarta	National Education	
20	Mobile Internet Berbasis Telepon Seluler Multikoneksi untuk Mendukung Delivery E-Learning dan ICT Literacy Masyarakat Pedesaan	Ministry of National Education	2010 and 2011
21	Model Pembelajaran Elearning Sekolah Menengah Kejuruan	Ministry of National Education	2011
22	Faktor yang Berhubungan dengan Minat Masyarakat untuk Studi pada Prodi S2 TP PPs UNY	University	2012
23	Implementasi Strategi Blended Learning untuk Pembelajaran Multimedia di UNY	University	2013

Publications:

No	Title	Name of Journal and volume	Accreditation	Year
1	Applying Optical Fiber Using on Communication (Indonesian)	Cakrawala Pendidikan No. 3 (XII): 61-70	National/ Refereed	November 1993
2	The development of computer-assisted instruction program for electronics (Indonesian: Pengembangan Computer-Assisted Instruction (CAI) untuk Pelajaran Elektronika)	Jurnal Kependidikan No. 2 (XXV): 95-106	National/ Refereed	1995
3	The development of computer-assisted instruction using authoring system (Indonesian: Pengembangan Program Pengajaran Berbantuan Komputer (CAI) dengan Sistem Authoring)	Cakrawala Pendidikan No. 2 (XV): 47-58	National/ Refereed	June 1996
4	The experimentation of transmitting television signal and their implication in education (Indonesian: Eksperimen Pengiriman Sinyal Televisi Dengan Pemancar TV dan CCTV Serta Pemanfaatannya dalam Pendidikan)	Journal PTK No. 07 (V): 37-43	University	December 1996
5	System ABC: Software for developing CAI lesson (Indonesian: Sistem ABC:	Journal PTK No. 9 (VII): 35-43	University	April 1998

	Perangkat Lunak untuk Membuat Program CAI)			
6	The development of optical microphone as an alternative in optical fiber communication (Indonesian: Pengembangan Mikropon Optik Sebagai Alternatif dalam Komunikasi Serat Optik)	Cakrawala Pendidikan No. 1 (XVII): 63-69	National/ Refereed	February 1998
7	The development of CAI lesson with error remediation strategies (Indonesian: Pengembangan Program CAI dengan Strategi Remediasi Kesalahan)	Jurnal Kependidikan No. 1 (XXIX): 45-58	National/ Refereed	1999
8	Utilization of internet for innovating university instruction (Indonesian: Pemanfaatan Internet untuk Memperbaharui Model Pengajaran di Perguruan Tinggi)	Cakrawala Pendidikan No.4 (XVII): 162-166	National/ Refereed	November 1999
9	Adaptive Educational Hypermedia based on Multiple Student Characteristics (English)	Proceedings of the Second International Conference on Web-based Learning (ICWL 2003), Melbourne, Australia	International	18-20 August 2003
10	The design and implementation of an adaptive e-learning system (English)	The International Symposium Open, Distance, and E-learning (ISODEL 2007), Denpasar, Indonesia	International	13-15 November 2007
11	Empirical Evaluation of An Adaptive E-learning System and the Effects of Knowledge, Learning Style and Multimedia Mode on Student Achievement(English)	UiTM International Conference on E-Learning 2007 (UICEL 2007), Universiti Teknologi MARA, Shah Alam,	International	12 – 14 December 2007

		Malaysia		
12	The development of an adaptive e-learning toward the learning style diversity of visual-auditory- kinesthetic	International Seminar on ICT for Education, Graduate School of Yogyakarta State University, Yogyakarta Indonesia	International	13 – 14 Feb 2009
13	The Implementation of an Adaptive E-learning Using the Learning Management Systems of Moodle	The International Symposium Open, Distance, and E-learning (ISODEL 2009), Yogyakarta, Indonesia	International	8 -11 Desember 2009
14	Towards the Implementation of blended learning at the Yogyakarta State University	International Seminar on ICT for Education, Faculty Mathematics and Science of Yogyakarta State University	International	12 Desember 2009
15	Potensi pemanfaatan ICT untuk peningkatan mutu pembelajaran SMA di kota Yogyakarta	Cakrawala Pendidikan,	National/ Refereed	Juni 2010
16	Mobile Internet berbasis Telepon Seluler Multikoneksi untuk Mendukung Elearning	Jurnal Penelitian SAINTEK	National	Vol 16, No 1, April 2011
17	Peta Layanan Akses Internet Menggunakan Telepon Seluler Daerah Pedesaan di DIY	National Seminar of Information Technology and Applications (SENTIA 11)	National	28 April 2011
18	Multiconnection phone-based mobile internet to support e-learning and ICT literacy for rural community	International Conference on Vocational Education and Training (ICVET) 2011	International	12 Juli 2011
19	The Design of Adaptive E-Learning System based on Student's Learning Styles	International Journal of Computer Science and Information	International	Vol 2 Issue 5 September-October 2011

		Technology (IJCSIT)		
20	The utilization of e-learning and social networks to promote blended learning	International Seminar on ICT for Education, UNY, 2012	International	15 April 2012
21	Pengembangan Multimedia Pembelajaran Bahasa Inggris Untuk SMK	Jurnal Pendidikan Vokasi ISSN: 2088-2866	National	Vol 3, No 1, Februari 2013, hal: 45-52
22	The Development of an Adaptive E-Learning System by Customizing an LMS Moodle	International Journal of Computer Science and Information Technologies,	International	Vol. 4 (4) , 2013, 632 - 635
23	Pemanfaatan Teknologi E-learning Adaptif Untuk Mengatasi Keragaman Gaya Belajar	Jurnal Penelitian SAINTEK ISSN: 1412-3991	National	Vol 18, No 1, April 2013, hal: 56-70
24	Pengaruh Problem-Based Learning terhadap Hasil Belajar ditinjau dari Motivasi Belajar PLC di SMK	Jurnal Pendidikan Vokasi ISSN: 2088-2866	National	Vol 3, No 2, Juni 2013, hal: 178-191
25	Efektivitas Pembimbingan Karya Tulis Online Melalui Website KTI	Jurnal Kependidikan	National	Vol 3, No 2, Nov 2013, hal: 178-191
26	The Implementation of ICT to Enhance Student Learning Activities	The 21st International Conference on Computers in Education (ICCE 2013)	International	20 – 22 Nov 2013, Bali
27	The Evaluation of a Moodle Based Adaptive e-Learning System	International Journal of Information and Education Technology www.ijiet.org ISSN: 2010-3689	International	Vol. 4, no. 1, pp. 89-92, Feb 2014

Books:

No	Book Title	ISBN	Year Published
1.	Elektronika Teori dan Penerapan	978-602-98174-2-3	2007
2.	Elektronika Analog	978-602-98174-3-0	2008
3.	Elektronika Lanjut	978-602-98174-2-3	2009
4.	Membangun Course E-Learning Berbasis Moodle	979-8418-56-5	2010 and 2013

Presentation/Speaker:

No	Activity	Duration	Year
1.	The Second International Conference on Web-based Learning (ICWL 2003) di Melbourne, Australia	18-20 August	2003
2.	Pelatihan e-learning untuk dosen berbagai jurusan dan Fak di lingkungan UNY	Bervariasi	2006 – 2008
3.	Pelatihan e-learning untuk dosen UNRAM Mataram	18 – 23 September	2006
4.	Pelatihan e-learning untuk dosen UNSOED Purwokerto	1 minggu	Des 2006
5.	Lokakarya Penyusunan Model Diklat Jarak Jauh untuk Aparatur Penyelenggara Diklat – Pustekkom	12 – 14 April	2007
6.	Technical assistant pengembangan e-learning di UII Yogyakarta	Juni – Agust	2007
7.	Workshop pengembangan pembelajaran berbasis TI untuk dosen USD Yogyakarta	Nov	2007
8.	The International Symposium Open, Distance, and E-learning (ISODEL 2007) di Denpasar, Bali	13-15 November	2007
9.	UiTM International Conference on E-Learning 2007 (UICEL 2007) di Universiti Teknologi MARA, Shah Alam, Malaysia	12 – 14 December	2007
10.	Pelatihan e-learning untuk dosen semua Fakultas di UNY	Jan – Maret	2008
11.	Diklat ICT untuk Guru SMK di PPPPTK Seni	30 Juni	2008
12.	Workshop dan lokakarya tentang LMS dan Pengembangan Elearning untuk dosen Univesitas Muhammadiyah Semarang	25 Agustus	2008
13.	Workshop Sosialisasi Instrumen Buku Teks Pelajaran TIK SMP dan SMA kerjasama Pusbuk dan BSNP di LPMP Sulsel	28 Oktober	2008
14.	Workshop Sosialisasi Instrumen Buku Teks Pelajaran TIK SMP dan SMA kerjasama Pusbuk dan BSNP di LPMP Jatim	3 November	2008
15.	Workshop Sosialisasi Instrumen Buku Teks Pelajaran TIK SMP/SMA Open Source kerjasama Pusbuk dan BSNP di Kementrian Ristek Jakarta	15 Jan	2009
16.	Diklat Teknis Bidang TIK bagi Aparatur	20 – 21 Jan	2009

	Pemerintah Kab Bantul DIY		
17.	Pelatihan e-learning untuk guru-guru SMK Muhammadiyah Prambanan Sleman DIY	2 – 11 Feb	2009
18.	International Seminar on ICT for Education, Graduate School of Yogyakarta State University	13 – 14 Feb	2009
19.	Pelatihan Calon Penilai Buku Teks TIK SMP/SMA kerjasama Pusbuk dan BSNP di Bogor	13-15 Mar	2009
20.	Diklat Teknis, Analisis Sistem, Teknisi Komputer, dan Programer bagi PNS Kab Bantul DIY	16 – 21 Mar	2009
21.	Pelatihan Komputer Dasar di Dinas Pendidikan Dasar Kab Bantul	2 – 4 Juni	2009
22.	Lokakarya Pengembangan dan Pembinaan Jurnal Ilmiah “pengembangan e-journal”, PPs UNY	22 Oktober	2009
23.	Pelatihan TOT Materi ICT bagi guru SMK	5 – 30 Nov	2009
24.	The International Symposium Open, Distance, and E-learning (ISODEL 2009) di Yogyakarta	8 – 11 Des	2009
25.	International Seminar on ICT for Education, Faculty Mathematics and Science of Yogyakarta State University	12 Des	2009
26.	Pelatihan elearning bagi dosen UPY	9 Februari	2010
27.	Workshop pengembangan E-journal di Politeknik Negeri Semarang	3 Juli	2010
28.	Seminar pemanfaatan elearning di SMA N 1 Bantul	12 Juli	2010
29.	Pelatihan elearning di SMA 1 Jogonalan Klaten	17 Juli	2010
30.	Semiloka Integrasi ICT dalam Pembelajaran di Perguruan Tinggi oleh Dikti di Surabaya	2 – 5 Agustus	2010
31.	Pelatihan Moodle untuk Elearning di SMA 7 Yogyakarta	7 Agustus	2010
32.	Pelatihan membuat course elearning di SMA 8 Yogyakarta	20-21 Agustus	2010
33.	Pelatihan e-learning untuk dosen semua Fakultas di UNY	Juli – Agustus	2010
34.	Seminar nasional Pembelajaran Inovatif berbasis ICT dalam rangka festival e-Pendidikan 2010 Pustekkom	5 Oktober	2010
35.	Technical assistant pengembangan e-learning di Unnes Semarang	Oktober	2010
36.	Seminar pemanfaatan ICT untuk meningkatkan kualitas pembelajaran di MGMP SMP/MTs Kota Magelang	16 Oktober	2010
37.	Workshop pengelolaan laboratorium TIK MGMP TIK MTs Prop DIY	23 November	2010
38.	Lokakarya “Penyusunan Bahan Ajar Workshop SSP” Program Pendidikan Profesi Guru (PPG)	29 November	2010
39.	Pelatihan e-learning di SMK N 2 Depok Sleman	2 Desember	2010

40.	Semiloka integrasi ICT dalam pembelajaran di perguruan tinggi oleh Dikti di Pekanbaru	6 – 8 Desember	2010
41.	Pelatihan e-learning di SMK N 1 Bantul	14 Desember	2010
42.	Workshop implementasi e-learning ICT EQEP di Dikpora DIY	14 Januari	2011
43.	Pelatihan web pembelajaran di BTKP Dikpora DIY	16 Maret	2011
44.	Pelatihan e-learning di SMK N 2 Tarakan Kalimantan Timur	13 – 14 Mei	2011
45.	Workshop pengelola lab komputer dan multimedia di SMP N 1 Bantul	14 Juni	2011
46.	Pelatihan elearning di P4TK Senin dan Budaya Yogyakarta	16 Juni	2011
47.	Workshop elearning bagi guru-guru di SMA N 1 Kalasan	14 Juli	2011
48.	Seminar pemanfaatan ICT untuk pembelajaran	20 Juli	2011
49.	Pelatihan pemanfaatan TI untuk Balai Belajar Bersama LPPM-DITBINDIKMAS	9 – 10 Desember	2011
50.	Pelatihan e-learning di SMK N 2 Tarakan Kalimantan Timur	6 – 7 Januari	2012

Workshop:

No	Workshop	Duration	Year
1.	Training ICT advanced for postgraduates di ITB	19 – 23 Juni	2006
2.	Lokakarya Penyusunan Grand Design ICT di Indonesia	14 – 16 Des	2006
3.	Regional Workshop ICT implementation for next generation teachers di Kunming China	1 minggu	Oktober 2007
4.	The Second Regional Workshop on ICT-integration Training for the Next Generation of Teachers di Brunei Darussalam	1 minggu	Mei 2008
5.	Building the Capacity of Teacher Education Institutions (TEIs) to Support the Use of ICT for Teaching, Learning and Administration: A Toolkit for the Asia-Pacific Region di Manila	23-27 Februari	2010
6.	Asia-Pacific Education Deans Workshop 2011: Technologies in Pre-Service Teacher Education di Hongkong	7 – 9 Juni	2011

Project Experience:

No	Project	Year
1.	Semi-QUE Grant at Dept of Electronics College of Engineering – Yogyakarta State University	2002
2.	ICT Grant (Inherent K2) – Yogyakarta State University	2006
3.	ICT Grant (Inherent K1) – Yogyakarta State University	2007
4.	Humaniora Grant, section E-learning – Yogyakarta State University	2007

Professional Membership:

Year	Organization	Status
2009	Asosiasi Dosen & Guru Vokasi Indonesia (ADGVI)	Member
2011	International Association of Computer Science and Information Technology (IACSIT)	Senior Member No: 80343064

Yogyakarta, 12 March 2014

Herman Dwi Surjono, Ph.D.