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 Kantor / Unit Kerja : Jurusan Teknik Elektro Fakultas Teknik UNHAS
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Pendidikan

No.	Perguruan Tinggi	Kota & Negara	Tahun Lulus	Bidang Studi/ Jenjang
1.	Instutut Teknologi Bandung (ITB)	Bandung, Indonesia	1981	Elektronika dan Pengaturan / S1/ Ir.
2.	University of Wisconsin	Madison, WI, USA	1989	Automatic Control Systems/S2/M.S.E.E.
3.	University of Wisconsin	Madison, WI, USA	1994	Automatic Control Systems/S3/Ph.D.

Pengalaman Riset dan Publikasi

Research Projects	Year
" <i>Electrical Power Demand Forecast in South Sulawesi</i> ", PLN and LPPM UNHAS	1996-1997
" <i>External Plan DIVRE VII, Customers Satisfaction Survey (CSS) and Geographical Information System (GIS)</i> ", PT. TELKOM and LP UNHAS	1996-1997
" <i>Laboratory Scale Modelling and Design of the SCADA for the South and South-East Sulawesi Electrical Power System</i> ", RUT VI, LIPI	1998-1999
" <i>Adaptive Controller for Non-Linear Plants</i> ", TPSDP Research Grant	2003-2004
" <i>Intelligent System Design for Mechatronic System Aplication</i> ", TPSDP Research Grant	2004-2005

Academic

- Doctoral Dissertation:

"Sampled-Data Control Systems with Varying Sampling-Rate",
 University of Wisconsin, Madison, WI, U.S.A., 1994

- Masters Thesis:

"Addition of Sampler, Zero Order Hold and Digital Compensator to the Existing Linear Control Systems Simulation (LCSS) Program",

University of Wisconsin, Madison, WI, U.S.A., 1989

Recent Publications and Presented Papers

Sadjad, Rhiza S., *"Ohm's Law with Temperature Correction in a Case of Alternating Current (AC) Circuit with a Resistive Load"*, Jurnal Ilmiah "JETC" ISSN:1829-7021, Vol. 2 No. 2 Juni 2008 .

Sadjad, Rhiza S. *"Membangun Sistem Informasi Berbasis Jaringan Komputer"*, Jurnal Penelitian Komunikasi dan Media Massa ISSN:1411-0385, Vol. 10 No. 17, Juni 2007.

Sadjad, Rhiza S. *"The Eigenvalue Multiplicity Problem in the Pole-Placement Method of State-Variable Feedback Control Design"* Jurnal Ilmiah "Elektrikal Enjiniring" ISSN: 1412-8357 Vol.04 No. 03 Sep-Des 2006

Sollu, Tan Suryani and Rhiza S. **Sadjad**, *"Rancangan Awal Implementasi Distributed Queue Dual Bus (DQDB) pada Jaringan Area Kampus Universitas Hasanuddin"*, Jurnal INTEK (accredited), ISSN: 0653 - 1597, Tahun ke-14, No. 1 Feb. 2008.

Samman, Faizal A., Ruslan, Syafrida and Rhiza S. **Sadjad**, *"Implementasi Kendali Adaptif Model Acuan Berbasis Metode Gradien dalam Rangkaian Elektronika Analog"*, Jurnal INTEK (accredited), ISSN: 0653 - 1597, Tahun ke-10, No. 2, Juni 2004.

Samman, Faizal A. and Rhiza S. **Sadjad**, *"Reconfigurable Analog Fuzzy Controller Design, Part 1: Fuzzifier Circuit"*, The Third International Seminar on Intelligent Technology and Its Application (SITIA), Surabaya, Indonesia, May 7 2002.

Samman, Faizal A. and Rhiza S. **Sadjad**, *"Reconfigurable Analog Fuzzy Controller Design, Part 2: Fuzzy Inference Circuit"*, The Third International Seminar on Intelligent Technology and Its Application (SITIA), Surabaya, Indonesia, May 7 2002.

Samman, Faizal A. and Rhiza S. **Sadjad**, *"Reconfigurable Analog Fuzzy Controller Design, Part 1: Defuzzifier Circuit"*, The Third International Seminar on Intelligent Technology and Its Application (SITIA), Surabaya, Indonesia, May 7 2002.

Samman, Faizal A. and Rhiza S. **Sadjad**, *"Analog Fuzzy Controller Circuit Design for Control Application"*, The Fourth Asian Control Conference (ASCC) in affiliation with International Federation of Automatic Control (IFAC), Singapore, September 25-27, 2002.

Samman, Faizal A. and Rhiza S. **Sadjad**, "Analog MOS-Circuit Design for Reconfigurable Fuzzy Logic Controller", The IEEE Asia Pacific Conference on Circuits and Systems (APCCAS), Singapore, December 16-18, 2002.

Samman, Faizal A., Rhiza S. **Sadjad** and Eniman Y. **Syamsuddin**, "The Reconfigurable Membership Function Circuit Using Analog Bipolar Electronics", The IEEE Asia Pacific Conference on Circuits and Systems (APCCAS), Singapore, December 16-18, 2002.

Samman, Faizal A. and Rhiza S. **Sadjad**, "Reconfigurable Analog Fuzzy Logic Controller Design Using CMOS Integrated Circuit Technology", Majalah Ilmiah TEKNIK ELEKTRO Vol. 9, No. 1, April 2003, Departemen Teknik Elektro FTI, ITB, Bandung.

Other Publications

- *Technical Manuals, Operating Manual, Training-Guide, Technical Reports and Papers* on the Distance Education System via Satellite (SISDIKSAT), Eastern Indonesian Universities Association (BKS-PTN-INTIM), 1983-1986, 1994-2003.
- *Papers* on Control Systems Theory and Control Engineering curriculum development presented on several seminars, conferences and workshops, since 1994
- *Technical Manuals, Product Directory, Training Guides, etc.*, PT. Compact Microwave Indonesia (CMI), Bandung, 1994-1995
- *Popular articles and columns* published by campus, local dan national newspapers and magazines especially on the issues of Engineering Education and Electronic Industries, 1982-1990
- *Papers*, presented in several Workshops, Symposiums, Conferences, etc., held by the Indonesian Students Association in the USA (PERMIAS), 1987-1992.
- *Papers, Talks and Presentations* on Computer Networking and the INTERNET presented in several Workshops, Symposiums, Conferences, etc. in MAKASSAR and vicinity, since 1995.
- *Scientific Papers in Control Engineering*, presented in several national and international seminars held by professional associations, 2000-2002.

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