**PROFIL PENGUSUL RISPRO**

1. Anggota Ke-2: Dr. Ir. Rhiza S. Sadjad, MSEE
2. Identitas:
3. Nama Lengkap : Dr. Ir. Rhiza S. Sadjad, MSEE
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9. Jabatan Struktural : Kepala Laboratorium Sistem Kendali dan Instrumentasi
10. Jabatan Fungsional : Lektor Kepala
11. Bidang Kepakaran : Sistem Kendali dan Instrumentasi
12. Institusi Asal : Universitas Hasanuddin
13. Alamat Institusi : Jl. Poros Malino Km. 6, Bontomarannu 92171
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 Makassar 90245

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2. Pendidikan

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| --- | --- | --- | --- |
| Program | Sarjana | Magister | Doktoral |
| Perguruan Tinggi Asal | Institut Teknologi Bandung | University of Wisconsin, Madison, USA | University of Wisconsin, Madison, USA |
| Konsentrasi Ilmu | Teknik Elektro / Elektronika dan Teknik Pengaturan | Electrical and Computer Engineering - Automatic Control Systems | Electrical and Computer Engineering - Automatic Control Systems |
| Tahun Lulus | 1975-1981  | 1987-1989 | 1989-1994 |
| Judul Tugas Akhir (skripsi/tesis/disertasi) | Frequency ShiftKeying Modulator-DemodulatorUntuk Mesin Electronic Sheet | Addition of Sampler, Zero Order Hold and Digital Compensator to the Existing Linear Control System Simulation (LCSS)Program | Sampled-Data ControlSystems with VaryingSampling Period |

1. Pengalaman Riset 5 (lima) Tahun Terakhir (diurut berdasarkan tahun terakhir)

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| --- | --- | --- | --- | --- | --- |
| Judul Riset | Tahun Riset | Nilai Pendanaan Riset | Sumber Pendanaan Riset | Peran/ Posisi | Mitra Riset |
| Sistem-On-Chip Multiprosesor untuk Produk Smart Gadget Inovatif Multi Layar Sentuh | 2017 s.d. 2018 | Rp.375juta, Rp.360juta | Kemenristek Dikti | Anggota | PT. INTI |
| Sistem Monitoring Online Parameter Hidrolika pada Jaringan Distribusi Air PDAM | 2018 | Rp.42juta | LPPM Unhas | Anggota | n/a |

1. Prestasi (*yang relevan dengan judul riset*)
	* 1. Publikasi
2. Faizal A. Samman, Channareth Srun, Rhiza S. Sadjad. "Adaptive Look-Up Table And Interpolated Pi Gain Scheduling Control for Voltage Regulator Using DC-DC Converter", International Journal of Innovative Computing, Information and Control (IJICIC), vol. 15, no. 2, April 2019. ISSN: 1349-4198.
3. Channareth Srun, Faizal A. Samman, Rhiza S. Sadjad “A High Voltage Gain DC-DC Converter Design based on Charge Pump Circuit Configuration with a Voltage Controller”, in Proc. of the 2nd International Conference on Applied Electromagnetic Technology (AEMT), 2018, pages: 79 – 84.
4. Muhammad Niswar, Amil A. Ilham, Elyas Palantei, Rhiza S. Sadjad, Andani Ahmad, Ansar Suyuti, Indrabayu, Zaenab Muslimin, Tadjuddin Waris, Puput D. Prasetyo Adi. “Performance evaluation of ZigBee-based wireless sensor network for monitoring patients' pulse status”, in Proc, of the International Conference on Information Technology and Electrical Engineering (ICITEE), 2013, pages: 291 – 294.
5. Muhammad Akil, Ingrid Nurtanio, Rhiza S. Sadjad. “A DC motor speed control using the LPC-ANFIS speech recognition system”, in Proc. of the 15th International Conference on Quality in Research (QiR), an International Symposium on Electrical and Computer Engineering, 2017, pages: 215 – 220.
6. Muhammad Niswar, Aksan S. Wijaya, Muhammad Ridwan, Adnan, Amil A. Ilham, Rhiza S. Sadjad, Andreas Vogel. “The design of wearable medical device for triaging disaster casualties in developing countries”, in Proc. of the 5th International Conference on Digital Information Processing and Communications (ICDIPC), 2015, pages: 207 – 212.
	* 1. Paten

(1) belum ada

(2) dst.

* + 1. Penghargaan Riset/Inovasi

(1) belum ada

(2) dst.

* + 1. Produk Riset/Inovasi (Luaran)

(1) belum ada

(2) dst.