



CURRICULUM VITAE

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PERSONAL INFORMATION	Surname(s) / First name(s)	Elyas Palantei
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	Nationality(-ies)	Indonesia
	Date of Birth	February 1 th , 1969
	Gender	Male
WORK EXPERIENCES	<ul style="list-style-type: none">• 1994 – Present	Lecturer at the Electrical Engineering Department, Hasanuddin University, Makassar. Indonesia.
	<ul style="list-style-type: none">• 1996 – 1998	Engineer Staff on Telecommunication Research Activities at PT. (Persero) Indonesian Telecommunication.
	<ul style="list-style-type: none">• 1999 – 2000	Researcher staff on Telematics Fields Joint Research at Hasanuddin University Research Centre.
	<ul style="list-style-type: none">• 2002	Technical staff on Distance Learning Research Project at Hasanuddin University Site organized by several Japan Institutes including ASIA-SEED Institute, WIDE Project and SOI project.
	<ul style="list-style-type: none">• August 2005 – May 2008	Engineer staff in Manufacturing Process at Radius Bender Company, Mansfield Industry Area, Brisbane, Australia.
	<ul style="list-style-type: none">• January 2004 – February 2009	Researcher staff at Griffith School of Engineering, Brisbane, Australia.
EDUCATION BACKGROUNDS	September 1989 – April 1994	Undergraduate Program in Electrical Engineering (Electronic & Telecommunication). Awarded Sarjana Teknik (~ B.Eng) in 18th April 1994. Makassar. Indonesia.
	1996 – 1997	Pre-postgraduate Program in Natural Science at Postgraduate Faculty, Hasanuddin University. Makassar, Indonesia.
	2000 – 2001	Postgraduate Study in Telecommunication Program at Asian Institute of Technology (AIT), Bangkok (Thailand). Awarded the Degree of Master of Engineering (M.Eng) on 28 th November 2001.
	2004 - 2009	PhD Study at School of Engineering, Griffith University, Brisbane, Australia.

TRAININGS, COURSES, SEMINAR AND RESEARCH PUBLICATIONS	1999	On job training program as a Radio Engineer at Polytechnic Negeri Makassar. Indonesia.
	1999 - 2000	Foreign Language Training (Deutch and France)
	2001	Training on Leaderships and Managerial Skill at Embassy of Republic Indonesia, Bangkok. Thailand.
	2002	International Training Course on “Remote Sensing and Ocean Science for Marine Resources Exploration and Environment” , Jimbaran Bali, Indonesia, August 29 th – September 1 st .
	1998/1999	“Analysis of the Signal Truncation and Spectral Leakage on the Data Acquisition System” , E. Palantei, A. Achmad, and N.K. Nauman. The research activity was funded through Hasanuddin University Research Grant.
	1999	“Congestion Control on the Frame Relay of Telecommunication Network” . The research activity was funded by Directorate General of Higher Education (DIKTI), Minister of National Education of Indonesia.
	1999	“Introduction to Digital Signal Processing” . Handbook. KorZLET PRESS. Makassar. Indonesia.
	2000	“Fundamental of Logic Circuits” . Handbook. KorZLET PRESS. Makassar. Indonesia.
	2000	“Performance of the Real-Time Data Acquisition System Based Turbo Coded for Marine Observation Research” . E. Palantei and Wardi. Research Journal of Enjiniring, Engineering Faculty, Hasanuddin University. ISSN: 1411-6243. Volume 6 No. 3. September-Desember 2000; pp. 153-228.
	2001	“Performance Investigation of Digital Communication Based Turbo-Coded System Over AWGN Channel” , E. Palantei. Proceedings of One Day International Seminar “The Recent Progress of Young Researchers From Multi Disciplinary Areas of Study”. Bangkok, Thailand. November 10 th , 2001. ISBN: 974-8208-41-9; pp.58-66.
	2002	“Improving the Performance of Wireless Communication System By Combining Multiple Turbo Code (MTC) and Space Time Coding (STC) Techniques” , E. Palantei and RMAP. Rajatheva. Proceeding of SITIA (Seminar on Intelligent Technology and Its Applications) 2002. ISBN: 979-95989-2-3. May 7 th , 2002. Surabaya, Indonesia. pp. 416-422.
	2002	“A Consideration on the development of Utilizing Renewable Energy for Electricity Generation on Remote Areas as Substitution of Fossil Energy Resources” , N. Harun and E. Palantei. Presented in the International Conference and Exhibition on Energy (ICEE 2002). 29 th – 31 July 2002, Jogjakarta. Indonesia.
	2002	“Wireless Communication with Turbo Transmit Diversity (TTD) Scheme: System and Channel Models” , E. Palantei, On the proceedings of Asia-Pacific Conference on Communication (APCC 2002), September 17-19,2002. Bandung. Indonesia. ISSN: 1412-7121, pp.5-9.

2005	<p>“Electronically Switched Parasitic Smart Antenna for Wireless Communication”, E. Palantei and D.V. Thiel, <i>Conference Digest of the 9th Australian Symposium on Antennas</i>, Sydney, Australia, pp.24, 16-17 Feb. 2005.</p>
2005	<p>“An Investigation of an Electronically Switched Beam Smart Antenna: Numerical and Empirical Approaches”, E. Palantei and D.V. Thiel, <i>Digest of Microelectronic Engineering Research Conference (MERC) 2005</i>, South Bank, Brisbane, Australia, 2-3 November 2005.</p>
2006	<p>“Controller Algorithms for Single Feed Switched Parasitic Antennas”, E. Palantei and D.V. Thiel, <i>IEEE AP-S International Symposium, USNC/URSI National Radio Science and AMEREM Meetings</i>, Albuquerque, New Mexico, USA, 9 -14 July 2006: pp.378.</p>
2006	<p>”Current Variations of Parasitic Monopoles: Its Impact on the Performance of Switched Beam Smart Antenna”, E. Palantei and D.V. Thiel, <i>Asia-Pacific Symposium on Applied Electromagnetics and Mechanics (APSAEM) 2006</i>, University of Technology Sydney (UTS), Sydney, Australia, 20-21 July 2006.</p>
2007	<p>”Symmetry Problems in Switched Parasitic Smart Antennas”, E. Palantei and D.V. Thiel, <i>IEEE Antennas and Propagation-Society (APS) International Symposium</i>, Honolulu, HI, USA, 10 -15 June 2007: pp. 3360-3363.</p>
2007	<p>“Dual Frequency Plug and Play of Steerable Antenna for ISM band Communication,” E. Palantei and D.V. Thiel, <i>Proceedings of the International Conference on Electrical Engineering and Informatics (ICEEI) 2007</i>, Institut Teknologi Bandung, Bandung, Indonesia, 17-19 June 2007.</p>
2007	<p>“Reconfigurable Intelligent Antennas using a Switched Constellation of Parasitic Elements,” E. Palantei, D. V. Thiel, dan S.G. O’Keefe, <i>Digest of GSERC 2007 conference</i>, Logan Entertainment Centre, Qld, Australia, 29-30 October 2007.</p>
2007	<p>“The Impact of Bias Voltage on the Performance of a P.I.N. Diode Loaded Smart Antenna,” E. Palantei and D.V. Thiel, <i>Journal of the Japan Society of Applied Electromagnetics and Mechanics (JSAEM)</i>, Vol.15, No.3, September 2007, pp.274-277.</p>
2008	<p>“Rectangular Patch with Parasitic Folded Dipoles: A Reconfigurable Antenna,” E. Palantei, D. V. Thiel, dan S.G. O’Keefe, <i>IEEE International Workshop on Antenna Technology (IEEE iWAT) 2008: Small Antennas and Novel Metamaterials</i>, 4-6 March 2008, Chiba, Japan.</p>
2008	<p>“Comments on A Novel Planar Switched Parasitic Array Antenna with Steered Conical Pattern,” E. Palantei and D. V. Thiel, <i>Journal of IEEE Transactions on Antennas and Propagation Society</i>, Vol. 56, No.9, September 2008, pp.3084.</p>

	2007-2009	”Prototyping Plug and Play Smart Antenna untuk Aplikasi Generasi Lanjut Sistem Komunikasi Nirkabel,” E. Palantei, S. Kanata, N.K. Subaer, Adnan, Z.B. Hasanuddin, D. Djamaluddin, I.S. Areni, Indrabayu, Wardi, and D.V Thiel, <i>Research Report of Program Dukungan R&D Produk Telekomunikasi</i>, Research Grant awarded by Directorate General of Post and Telecommunication, Ministry of Communication and Information, Republic of Indonesia, 2007-2009.
	2008	“Smart Antenna Characteristics for the Next Wireless Mobile Environments,” E. Palantei, Proceeding of the 1 st Makassar International Conference on Electrical Engineering & Informatics (MICEEI) 4-5 November 2008, Kampus Tamalanrea, Makassar, Indonesia.
	2008	“Constraint Factors on Implementing the Control Mechanism of Adaptive Antenna System,” E. Palantei, Proceeding of the 1 st Makassar International Conference on Electrical Engineering & Informatics (MICEEI) 4-5 November 2008, Kampus Tamalanrea, Makassar, Indonesia.
	2009	“Yagi-Uda Antenna Human Proximity Effects on the Link Budget at 300 MHz,” E. Palantei and D.V. Thiel, IEEE International Symposium on Antennas and Propagation Society (APS) and USNC/URSI National Meeting, Charleston, South Carolina, USA, 1-5 June 2009.
PERSONAL SKILLS & COMPETENCES	<u>Organizational Skill and competences:</u> 1994 – Present Member of PII (Indonesian Engineer Association) 2002 – 2007 Student Member of IEEE (Institute of Electronics and Electrical Engineer) 2008 – Present Member of IEEE (Institute of Electronics and Electrical Engineer)	
	<u>Awards & Achievements:</u> URGE (University Research for Graduate Education) Scholarships , DIKTI, Indonesia; period 1996-1997 DAAD Scholarships from Germany Government to pursue Master Degree in Telecommunication at AIT, Bangkok (Thailand); period 2000-2001 TPSDP EESP Scholarships , DIKTI, Indonesia; period 2004-2007 International Travel Grant for Attending IEEE Symposium on Antennas and Propagation Society (APS) – URSI, 1-6 July 2006, Albuquerque, New Mexico, USA. Session Chairman , MERC05 Conference, November 2005, South Bank, Brisbane, Australia. Session Chairman , SERC07 Conference, October 2007, Logan Entertainment Centre, Logan, Queensland, Australia. International Steering Committee & Session Chairman , 1 st Makassar International Conference on Electrical Engineering & Informatics (MICEEI) 4-5 November 2008, Kampus Tamalanrea, Makassar, Indonesia.	