



DEPARTEMEN PENDIDIKAN NASIONAL
UNIVERSITAS HASANUDDIN

dengan ini menyatakan bahwa

Yunita Rachmuddin

NIM : *D41199111*

Lahir di *Soraka* tanggal *10 Agustus 1980*

Telah menyelesaikan dengan baik dan memenuhi segala syarat pendidikan Sarjana (S1)
pada Program Studi Teknik Elektro Fakultas Teknik

Oleh sebab itu kepadanya diberikan ijazah dan gelar

Sarjana Teknik (S.T)

beserta segala hak dan kewajiban yang melekat pada gelar tersebut.

Diberikan di Makassar pada tanggal 11 Desember 2004.

DEKAN

Dr. Ir. H. Muh. Saleh Pallu, M.Eng.
NIP : 131 287 807



REKTOR



Prof. Dr. Ir. Radi A. Gany
NIP : 130 288 854

Name : YUNITA RACHMUDDIN

N I M : D41199111

Faculty : Engineering

Date of Graduation : 38332

Study Program : Electrical Engineering

No.	Code	Subjects	Credit (C)	Grade in Letters (GL)	GL x C
46	352TK2	COMPUTER OPERATION SYSTEM	2	B	6
47	352TN2	ELECTRIC INDUSTRY	2	A	8
48	359TK2	PRACTICUM IV	2	A	8
49	401TC3	DIGITAL CONTROLLED TECHNIC	3	A	12
50	401TK3	COMPUTER SYSTEM ARCHITECTURE	3	B	9
51	401TL2	TEHCNIC ECONOMICS	2	C	4
52	409TK1	PRACTICAL WORK I	1	A	4
53	421TN2	MICROELECTRONIC DEVICE	2	B	6
54	422TC2	STYLE & NUMERICAL SIMULATION	2	A	8
55	422TK2	IMAGE PROCESSING	2	B	6
56	422TN2	PLANNING & APLICATION OF OP-AMP	2	A	8
57	450TK4	FINAL TASK	4	A	16
58	451TK1	SEMINAR	1	A	4
59	451TN3	ELECTRONIC INSTRUMENT SYSTEM	3	B	9
60	459TE1	PRACTICAL WORK II	1	A	4
61	472TC2	CONTROLLED SYSTEM WITH FUZZY LOGIC	2	A	8
62	472TK2	DIGITAL COMMUNICATION	2	A	8
63	473TK2	COMPUTER NETWORK	2	B	6
64	474TK2	DIGITAL FILTERING	2	B	6
65	499TK2	SPEISIFIC TOPIC FOR COMPUTER TECHNIC	2	B	6
66	499UU4	NATIONAL STUDY SERVICE SCHEME	4	A	16

Cumulative Grade Point Average : 3.17

Number of Credits : 151

Graduation Notation : VERY SATISFACTORY

Grade Statistic & SKS :

Grade in Letters	Total	%	SKS	%
A	24	36.36	52	34.44
B	31	46.97	73	48.3
C	11	16.67	26	17.22
D	0	0.00	0	0.00
Total	66	100.00	151	100.00

Marking Scale

A : Very Good
 B : Good
 C : Average
 D : Below Average

THE TITLE OF THESIS WHICH HAS BEEN ACCOUNTED FOR :

MOVEMENT SIMULATION OF BASE JOINT ROBOT AT WEB BASED TELEROBOTIC SYSTEM

Faculty of Engineering
 Deputy Dean I

signed & stamped

Prof. Dr. Ir. Nadjamuddin Harun, MS
 NIP. 130 342 032

Makassar, 11 -12 - 2004
 Academic Administration Bureau
 Head

signed & stamped

Drs. Ratna Ardjo
 NIP. 130 676 950



Makassar, March 27, 2009

Translated by

Language Center Hasanuddin University

Secretary.

Drs. A. Lukmanulhakim Jaya, M.S.

NIP. 131 285 703

HASANUDDIN UNIVERSITY

ACADEMIC TRANSCRIPTS

CERTIFIED TO

Name : YUNITA RACHMUDDIN

N I M : D41199111

Faculty : Engineering

Date of Graduation : 12/11/04

Study Program : Electrical Engineering

No.	Code	Subjects	Credit (C)	Grade in Letters (GL)	GL x C
1	001UU2	STATE IDEOLOGY (PANCASILA)	2	A	8
2	002UU2	ISLAMIC RELIGION	2	A	8
3	006UU2	SCIENCE PHILOSOPHY	2	B	6
4	007UU2	CIVICS	2	B	6
5	010UU2	INDONESIAN LANGUAGE	2	A	8
6	011UU2	ENGLISH LANGUAGE	2	A	8
7	101TE2	BASIC ENERGY CONVERSION	2	B	6
8	101TK2	BASIC COMPUTER SYSTEM	2	C	4
9	101TL2	ELECTRICAL MATERIAL	2	A	8
10	102AF3	BASIC PHYSICS I	3	C	6
11	102AM3	CALCULUS I	3	B	9
12	102TL2	TECHNICAL DRAWING	2	B	6
13	151TE2	BASIC ELECTRIC POWER	2	A	8
14	151TK2	LOGIC	2	C	4
15	151TL2	ENVIRONMENT KNOWLEDGE	2	A	8
16	151TT2	BASIC TELECOMMUNICATION	2	C	4
17	152AF3	BASIC PHYSICS II	3	C	6
18	152AM3	CALCULUS II	3	B	9
19	201TC2	BASIC CONTROLLED SYSTEM	2	B	6
20	201TK2	COMPUTER PROGRAMMING	2	C	4
21	201TL2	CALCULUS III	2	C	4
22	201TN2	BASIC ELECTRONICS	2	B	6
23	202TL2	BASIC PHYSICS III	2	B	6
24	203TL3	ELECTRIC CIRCUIT I	3	C	6
25	204TL3	TECHNICAL MATHEMATICS I	3	B	9
26	209TL2	PRACTICUM I	2	A	8
27	251TK2	CONTROLLED SYSTEM PLANNING	2	B	6
28	251TL3	TECHNICAL MATHEMATICS II	3	B	9
29	252TL3	ELECTRIC CIRCUIT II	3	B	9
30	252TN2	ELECTRONICS ANALOG	2	B	6
31	253TL3	ELECTROMAGNETIC FIELD	3	B	9
32	254TL2	ELECTRIC MEASUREMENT	2	C	4
33	259TL2	PRACTICUM II	2	A	8
34	301TK3	DIGITAL COMPUTER	3	B	9
35	301TL3	LINEAR SYSTEM	3	A	12
36	301TN2	ELECTRIC SYSTEM PLANNING	2	B	6
37	302TL2	PROBABILITY AND STATISTICS	2	B	6
38	302TN3	INTEGRATED SERIES TECHNOLOGY	3	B	9
39	303TN3	SIGNAL PROCESSING SYSTEM	3	C	6
40	304TN2	CONTINUED ELECTRONICS ANALOG	2	B	6
41	309TK2	PRACTICUM III	2	B	6
42	351TC3	CONTROLLED SYSTEM	3	A	12
43	351TK2	MICROPROCESSOR SYSTEM	2	A	8
44	351TN3	DIGITAL ELECTRONIC	3	B	9
45	351TT2	FOUR POLE SERIES	2	B	6

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DEPARTMENT OF NATIONAL EDUCATION
HASANUDDIN UNIVERSITY

Herewith states that :

Yunita Rachmuddin

Registration No. : D41199111

Born in *Soroako* on *August 10, 1980*

Has successfully completed and fulfilled all the education requirements for graduate I (S1)
at Electrical Engineering Study Program, Faculty of Engineering
Therefore she is conferred to get certificate and the title of

Sarjana Teknik (S.T) = Engineer

with all the rights and privileges belonging thereto
Issued in Makassar on December 11, 2004

DEAN

signed

Dr. Ir. H. Muh. Saleh Pallu, M.Eng.
NIP. 131 411 591

Photograph

RECTOR

signed and stamp

Prof. Dr. Ir. Radi A. Gany
NIP. 130 682 291

UH : 0001896

Makassar , March 27, 2009
Translated by
Language Center Hasanuddin University
Secretary,

Drs. A. Lukmanulhakim Jaya, M.S
NIP. 131 285 703



Nama : YUNITA RACHMUDDIN

NIM : D41199111

Tgl Lulus : 11-12-2004

Fakultas : Teknik

Prog.Studi : Teknik Elektro

No. Urt	Sandi Mata Kuliah	Nama Mata Kuliah	Bobot Kredit (K)	Nilai Huruf (NH)	NHxK
46.	352TK2	SISTEM OPERASI KOMPUTER	2	B	6
47.	352TN2	ELEKTRONIKA INDUSTRI	2	A	8
48.	359TK2	PRAKTIKUM IV	2	A	8
49.	401TC3	TEKNIK KENDALI DIGITAL	3	A	12
50.	401TK3	ARSITEKTUR SISTEM KOMPUTER	3	B	9
51.	401TL2	EKONOMI TEKNIK	2	C	4
52.	409TK1	KERJA PRAKTEK I	1	A	4
53.	421TN2	DIVAIKSI MIKROELEKTRONIKA	2	B	6
54.	422TC2	PEMODELAN & SIMULASI NUMERIK	2	A	8
55.	422TK2	PENGOLAHAN CITRA	2	B	6
56.	422TN2	PERANC. & APLIKASI OP-AMP	2	A	8
57.	450TK4	TUGAS AKHIR	4	A	16
58.	451TK1	SEMINAR	1	A	4
59.	451TN3	SISTEM INSTRUMENTASI ELEKTRONIK	3	B	9
60.	459TE1	KERJA PRAKTEK II	1	A	4
61.	472TC2	SIST KENDALI DGN LOGIKA FUZZY	2	A	8
62.	472TK2	KOMUNIKASI DIGITAL	2	A	8
63.	473TK2	JARINGAN KOMPUTER	2	B	6
64.	474TK2	PENAPISAN DIGITAL	2	B	6
65.	499TK2	TOPIK KHUSUS TEKNIK KOMPUTER	2	B	6
66.	499UU4	KULIAH KERJA NYATA	4	A	16

Indeks Prestasi Kumulatif : 3.17

Jumlah Kredit : 151

Predikat Kelulusan : Sangat Memuaskan

Statistik Mutu dan SKS :

Huruf Mutu	Jml	%	SKS	%
A	24	36.36	52	34.44
B	31	46.97	73	48.34
C	11	16.67	26	17.22
D	0	0.00	0	0.00
Total	66	100.00	151	100.00

Keterangan Penilaian

A : Sangat Baik
B : Baik
C : Cukup
D : Kurang

JUDUL KARYA ILMIAH YANG TELAH DIPERTANGGUNGJAWABKAN :

SIMULASI GERAKAN BASE JOINT ROBOT PADA SISTEM TELEROBOTIK BERBASIS WEB.

Makassar, 11-12-2004

Fakultas Teknik
Pembantu Dekan I

Rektor Administrasi Akademik
Kepala



Prof. Dr. Ir. H. Nadjamuddin Harun, MS.
NIP. 130 342 023

Des Ratna Ardjo
NIP. 130 676 950

UNIVERSITAS HASANUDDIN

TRANSKRIP PRESTASI AKADEMIK

DIBERIKAN KEPADA

N a m a : YUNITA RACHMUDDIN

N I M : D41199111

Tgl Lulus : 11-12-2004

Fakultas : T e k n i k

Prog.Studi : Teknik Elektro

No. Urt	Sandi Mata Kuliah	Nama Mata Kuliah	Bobot Kredit (K)	Nilai Huruf (NH)	NHxK
1.	001UU2	PANCASILA	2	A	8
2.	002UU2	AGAMA ISLAM	2	A	8
3.	006UU2	FILSAFAT ILMU	2	B	6
4.	007UU2	PENDIDIKAN KEWARGANEGARAAN	2	B	6
5.	010UU2	BAHASA INDONESIA	2	A	8
6.	011UU2	BAHASA INGGRIS	2	A	8
7.	101TE2	DASAR KONVERSI ENERGI	2	B	6
8.	101TK2	DASAR SISTEM KOMPUTER	2	C	4
9.	101TL2	BAHAN LISTRIK	2	A	8
10.	102AF3	FISIKA DASAR I	3	C	6
11.	102AM3	KALKULUS I	3	B	9
12.	102TL2	MENG GAMBAR TEKNIK	2	B	6
13.	151TE2	DASAR TENAGA LISTRIK	2	A	8
14.	151TK2	RANGKAIAN LOGIKA	2	C	4
15.	151TL2	PENGETAHUAN LINGKUNGAN	2	A	8
16.	151TT2	DASAR TELEKOMUNIKASI	2	C	4
17.	152AF3	FISIKA DASAR II	3	C	6
18.	152AM3	KALKULUS II	3	B	9
19.	201TC2	DASAR SISTEM KENDALI	2	B	6
20.	201TK2	PEMROGRAMAN KOMPUTER	2	C	4
21.	201TL2	KALKULUS III	2	C	4
22.	201TN2	DASAR ELEKTRONIKA	2	B	6
23.	202TL2	FISIKA DASAR III	2	B	6
24.	203TL3	RANGKAIAN LISTRIK I	3	C	6
25.	204TL3	MATEMATIKA TEKNIK I	3	B	9
26.	209TL2	PRAKTIKUM I	2	A	8
27.	251TK2	PERANCANGAN SISTEM DIGITAL	2	B	6
28.	251TL3	MATEMATIKA TEKNIK II	3	B	9
29.	252TL3	RANGKAIAN LISTRIK II	3	B	9
30.	252TN2	ELEKTRONIKA ANALOG	2	B	6
31.	253TL3	MEDAN ELEKTROMAGNETIK	3	B	9
32.	254TL2	PENGUKURAN LISTRIK	2	C	4
33.	259TL2	PRAKTIKUM II	2	A	8
34.	301TK3	KOMPUTER DIGITAL	3	B	9
35.	301TL3	SISTEM LINIER	3	A	12
36.	301TN2	PERANCANGAN SISTEM ELEKTRONIKA	2	B	6
37.	302TL2	PROBABILITAS DAN STATISTIK	2	B	6
38.	302TN3	TEKNOL RANGKAIAN TERINTEGRASI	3	B	9
39.	303TN3	SISTEM PENGOLAHAN ISYARAT	3	C	6
40.	304TN2	ELEKTRONIKA ANALOG LANJUTAN	2	B	6
41.	309TK2	PRAKTIKUM III	2	B	6
42.	351TC3	SISTEM KENDALI	3	A	12
43.	351TK2	SISTEM MIKROPROSESOR	2	A	8
44.	351TN3	ELEKTRONIKA DIGITAL	3	B	9
45.	351TT2	RANGKAIAN KUTUB EMPAT	2	B	6