UNIVERSITY OF VAASA Academic Affairs Office P.O. Box 700 (Wolffintie 34) FIN-65101 VAASA FINLAND

## TRANSCRIPT OF UNIVERSITY

RECORDS 17.06.2013

Lama Siddhartha

94772

051186-289L

Date of Registration

01.08.2010



1(2)

PRIMARY STUDY RIGHT

Degree

Master of Science in Technology

Government Decree Degree Programme

Government Decree on University Degrees (794/2004) Master's Programme in Telecommunication Engineering

Master's admission

Valid

Admission

01.08.2010- 31.07.2014 Studies

01.08.2010

attended from

Thesis

Accepted

29.05.2013 Grade

H

30.00 Cr

Examiner

Elmusrati Mohammed Salem

Thesis

PAPR IN LTE UPLINK: PROBLEM AND IMPROVEMENT

Cr Date Examiner 130 Master of Science in Technology 121.0 19.06.2013 Faculty of Tech

## STUDIES INCLUDED IN THE DEGREE

			Cr	Grade	Date	Examiner
MENETEL	METHOD STUDIES	•	15.00	pass	30.04.2012	Head of Study A
KENG9211	Writing Academic English I		3.00	2	31.03.2011	Sundqvist
KENG9311	Writing Academic English II	31	2.00	1	30.04.2012	Sundqvist
KSU05111	Finnish for Foreigners 1		5.00	2	13.05.2011	Sjöholm
ORMS1020	Operations Research	*	5.00	3	19.02.2011	Sottinen
MUUTM	OTHER STUDIES		10.00	pass	24.04.2012	Head of Study A
MATH2040	Advanced Optimization		5.00	5	27.04.2011	Sottinen
TITE2190	The Basics of C-programming		3.00	1	07.12.2010	Glocker
TLTE3090	Telecommunications Seminar		2.00	pass	24.04.2012	Elmusrati
SUUNNAN	COMPLEMENTARY STUDIES		25.00	3	18.05.2012	Head of Study A
STAT3030	Stochastics Processes		5.00	2	04.04.2011	Sottinen
TLTE2010	Mobile Communication Services and Systems		5.00	3	09.03.2012	Elmusrati
TLTE2040	Telecommunication Software		5.00	4	18.05.2012	Glocker, Elmusrati
TLTE2050	Telecommunication Electronics		5.00	3	07.04.2011	Hänninen
TLTE3110	Wireless Networks		5.00	4	26.04.2011	Hänninen
YLEIS	GENERAL STUDIES		1.00	pass	03.11.2011	Head of Study A
OPIS0025	Information Skills 1		1.00	pass	03.11.2011	Löytölä

Number of ECTS Credits

51.00

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2(2)

-65101 VAASA FINLAND

Lama Siddhartha 94772 051186-289L

## STUDIES INCLUDED IN THE DEGREE

		Cr	Grade	Date	Examiner		
Telecommunicat	ions Engineering						
TLTSYV	TELECOMMUNICATION, ADVANCED STUDIES	70.00	2	13.06.2013	Head of Study A		
AUTO3210	Seminar on Automation Technology	3.00	pass	11.01.2012	Alander		
KNÄY3003	M.A. Essay Exam (contents, foreign language)	0.00	pass	24.05.2013	Elmusrati		
TITE3140	Cryptography	5.00	3	29.03.2011	Niinimäki		
<b>TLTE2020</b>	Advanced Course in Signals and Systems	5.00	2	17.09.2011	Virrankoski		
TLTE2030	Telecommunication Architectures	5.00	3	28.01.2011	Hänninen		
TLTE3010	Digital Communication	5.00	2	13.12.2011	Elmusrati		
TLTE3050	Radio Resource Management	5.00	1	23.12.2011	Elmusrati		
TLTE3070	Special Topics in Telecommunications	2.00	pass	13.06.2013	Glocker		
- "A novel clustering algorithm for efficient energy saving in Wireless Sensor Networks", "Fault Management for Smart Wireless Sensor Networks" and "Research of Capacity Optimizing model on Wireless Mesh Networks"							
TLTE3090	Telecommunications Seminar	3.00	pass	30.04.2012	Elmusrati		
TLTE3120	Computer Simulation in Communication and Systems	5.00	2	21.12.2011	Fikadu		
TLTE3130	Embedded C-Programming	2.00	3	17.12.2012	Glocker		
TLTE3991	Master's Thesis Presentation	0.00	pass	01.06.2013	Sottinen		
TLTE3990	Master's Thesis	30.00	H	29.05.2013	Faculty dean		
Number of ECTS Credits		70.00					

Total Number of ECTS Credits

121.00

**CERTIFIED BY** 

Helena Varmajoki Head of Study Affairs

Grading Scale:

5 =excellent

4 =very good

3 = good

2 = satisfactory

1 = sufficient

hyv. = passed, no grading

kiit. = passed with distinction