



# አዲስ አበባ ዩኒቨርሲቲ ADDIS ABABA UNIVERSITY

የአዲስ አበባ ዩኒቨርሲቲ ጉባኤ በሚኒስትሮች ምክር ቤት ደንብ ቁጥር  
፪፲፫/፲፱፻፹፮ በተሰጠው ሥልጣን መሠረት

The Senate of Addis Ababa University by virtue of the powers vested in it by the  
Council of Ministers regulations No. 113/1993 hereby grants to:

የሳይንስ ማስተር ዲግሪ  
በኮምፕውተር ሳይንስ  
ከሙሉ ክብሩ ጥቅሙና ግዴታዎቹ ጋር  
ለ መስፍን ዲሮ ጫካ

**Mesfin Diro Chaka**  
**THE DEGREE OF**  
**Master of Science**  
**In Computational Science**

ሰጥቷል።  
ለዚህም ምስክር ይሆን ዘንድ በዲፕሎማው ላይ የዩኒቨርሲቲውን  
ማኅተም አትሞ ፈርሞበታል ። አዲስ አበባ ሰኔ ሀያሳባት ቀን ሁለት  
ሺህ አምስት ዓመተ ምሕረት ተሰጠ።

with all honours, privileges and obligations pertaining thereto and  
in witness thereof has authorized the issuance of this diploma duly  
signed and sealed. Issued in Addis Ababa on this Four day of the  
month of July in the year Two Thousand Thirteen.

የዩኒቨርሲቲው ፕሬዝዳንት  
President of the University



የዩኒቨርሲቲው ሬጀስትራር  
University Registrar

№ 057695



# ADDIS ABABA UNIVERSITY

## STUDENT ACADEMIC RECORD

OFFICE OF REGISTRAR

P.O.Box 1176 Addis Ababa, Ethiopia

Faculty: College of Natural Sciences

Medium of Instruction: English

Department: Computational Science

Minor:

Degree Awarded & Date: M.Sc. July, 2013

Full Name: Mesfin Diro Chaka		Date of Birth: 1983 G.C.			Admission Classification: Regular				
ID Number: GSR/5634/03		Sex: M		From:					
Module Code	Module Title	ECTS	Grade	Gr. Point	Module Code	Module Title	ECTS	Grade	Gr. Point
<u>Admitted to M.Sc. in</u> <u>Computational Science (Regular)</u>					COSC 799	<u>Second Semester 2012/13</u>			
						Research Thesis			
						Semester Average: 0.00			
						Cumulative Average: 3.56			
						30			
						**			
						0			
						0.00			
						60.00			
						213.50			
COSC 601	Mathematical Methods	8	B	24	<u>Thesis Title :-</u> Minimum Cost Production and Transportation Plan: (The Case of Dire Leather Industry)				
COSC 603	Modeling and Simulation	6	A	24					
COSC 605	Computer Programming Language	8	B	24					
COSC 607	Numerical Methods	8	A	32					
Semester Average: 3.47									
30.00									
104.00									
COSC 602	Research Methods	7	A	28					
COSC 652	Computational Operations Research I	7	B	21					
COSC 654	Computational Operations Research II	7	A	28					
Semester Average: 3.67									
Cumulative Average: 3.55									
21.00									
51.00									
77.00									
181.00									

Grading System: A=Excellent, B=Good, C=Satisfactory, D=Unsatisfactory, F=Failing I=Incomplete, DO=Dropout, \*\*Project/Senior Paper, Ex=Exempted, NG=No Grade, P=Pass

Points A=4, B+=3.5, B=3, C+=2.5, C=2, D=1, F=0 ; one Semester=16 weeks. \*Module Repeated

THE TRANSCRIPT IS OFFICIAL ONLY WHEN SIGNED AND SEALED BY THE REGISTRAR.

Date of Issue:

Registrar