

Curriculum Vitea



I. Personal Data

Full name : Bitew, Girmaw Teshager

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II. Educational Background

PhD Power System Engineering & Its Automation, North China Electric Power University, Beijing, China, Sep 2015 up to Date

MSc Electrical Power Engineering, Addis Ababa University, Addis Ababa, Ethiopia
Oct 2009-Jul 2011.

BSc Electrical Engineering, Arba Minch University, Arba Minch, Ethiopia, Nov 2001 – Jul 2006

III. Work Experience

Table 0: Summary Tables

No	Engagements and Recognitions	Size/Quantity
Table 1	Researches/ Projects	7
Table 2	Teaching & Advisement	15
Table 3	Academic Management Position	1
Table 4	Community Service & Professional Affiliations	5
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Table 1: Research/ Project

No	Research/Projects	Role/Status	Year
1	Research Leader:- PhD Dissertation on Multi-Time Scale Modeling and Simulation of Variable Speed DFIM based Pumped Storage Power Plant:	Individual research	On Progress
2	Research on variable speed pumped storage project, Nanjing, China	Group Project	On Progress
3	Research Leader:- Research on Stability and Control of Grid Integrated Variable Speed DFIM based Pumped Storage System:	Individual research	On Progress
4	Research Leader:- Research on Phasor Model Simulation of Variable Speed DFIM Driven Pumped Storage System:	Individual research	Apr 2017
5	Project Leader:- Project on title “VSC-Converter for HVDC System-Overview”	Individual Project	July 2016
6	Research Leader:- MSc Thesis on Optimal Power Generation Expansion Planning on Ethiopian Electric Power System, Addis Ababa University, Ethiopia	Individual research	June 2011
7	Project leader:- BSc Senior Project on PC Controlled Engraving Machine, Arba Minch University, Ethiopia	Group Project	June 2006

Table 2: Teaching & Student Advisement

No	Course Titles	Institution	Department	Level	Remark
1	Student Thesis Advisement	Debre Markos University	Electrical Engineering	Undergraduate	5 theses
2	Power Systems II	Debre Markos University	Electrical Engineering	Undergraduate	2 times
3	Power Systems I	Debre Markos University	Electrical Engineering	Undergraduate	3 times
4	Numerical Methods	Debre Markos University	Electrical Engineering	Undergraduate	1 times
5	Fundamentals of Electricity & Electronics Devices	Debre Markos University	Information Technology	Undergraduate	3 times
6	Fundamentals of Electrical Engineering	Debre Markos University	Electrical Engineering	Undergraduate	2 times
7	Electrical Installation	Bahir Dar TVET College	Electromechanical	Diploma	3 times
8	Electrical Machines	Bahir Dar TVET College	Electromechanical	Diploma	3 times

Table 3: Academic Management Positions

No	Positions	Year
1	Dean: Technology College, Debre Markos University	Sep 2011-to Feb 2015

Table 4: Community Services and Professional Affiliations

No	Community Services and Other Professional Engagements	Organization	Year
1	Coordinator: Universal Rural Road Access Program /URRAP/	Amhara Regional State Rural Road Authority	Jan 2011- Oct 2012
2	Coordinator: Study and Design of DS6 Rural Road Access Project for Investment Areas Linkage	Amhara Regional State Rural Road Authority	Sep 2013- Aug 2014

3	Coordinator: Study and Design of DS6 Rural Road Access Project for Investment Areas Linkage	Amhara Regional State Rural Road Authority	Sep 2014- Mar 2015
4	Lead: Investigation of Power Distribution System Problem in Debre Markos Town	Ethiopian Electric Power Utility	Feb 2015-up to July 2016
5	Professional member	IEEE	November 2016

Table 5: Awards & Certificates of Appreciation

No	Awards, Fellowships & Certificates of Appreciation	Organization	Year
1	Appreciation Certificate on Assembling and installation of Debre Markos University Kitchen Equipments	Debre Markos University, Ethiopia	Dec 2012

Table 6: Trainings & Certificates

No	Awards, Fellowships & Certificates of Appreciation	Organization	Year
1	Certificate of professional competency(Class D)	Ethiopian Electrical Agency, Ethiopia	Sep 2007
2	Certificate of training on Solar Energy	STIFTUNG SOLRARENERGIE-Germany and ECBP-Ethiopia, Adama University-Ethiopia	July 2009
3	Certificate of training on Engineering Education for Sustainable Development	Addis Ababa University and SDPromo II Project, AAiT-AAU, Ethiopia	Nov 2010
4	Certificate of Workshop on Leadership, Governance and Management Issues	MAASTRICHT SCHOOL OF MANAGEMENT, Maastricht, Netherlands	2014

Table 7: Publications

No	Title	Journal /or conference	Indexed by	Publication Year	Remarks
1	Phasor Model Simulation of VSC-Based Variable Speed DFIM for Hydro Pumped Storage System: Generating Mode	-Proceedings of CSEE		July 2017	ICEE2017 Weihai conference
2	PHASOR MODEL SIMULATION OF GRID INTEGRATED VARIABLE SPEED PUMPED STORAGE SYSTEM	Proceedings of IET	EI	Oct. 2017	RPG2017 Wuhan conference. The paper is under review
3	Stability and Control of Grid Integrated Variable Speed DFIM Based Hydro Pumped Storage	IEEE Proceedings	EI	Oct. 2017	CIEEC2017 Beijing conference. The abstract is accepted

IV. Research Areas:-

Modeling, simulation and stability analysis in the areas of hydro-pumped storage power system, HVDC transmission, MVDC distribution, wind-solar-hydro hybrid power generation, and power quality with the application of power electronics.

V. Language:

Language	Listening	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent	Excellent
Amharic	Excellent	Excellent	Excellent	Excellent
Chinese	Beginner	Beginner	Beginner	Beginner

VI. Hobby:

Reading books, magazine, newspaper; watching movies; walking.

VII. Referees:

1. Han Minxiao (Professor)
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