

Curriculum Vitae

Personal information

First name(s) / Surname(s) **Equbamariam Leake, Gebremeskel**
Address(es) P.O.Box 321, Mekelle, Tigray, Ethiopia
Telephone(s) Mobile: +251-922-343583
E-mail ekuba2010@gmail.com
Nationality Ethiopian
Date of birth Feb 07, 1983
Gender Male

Occupational field **Lecture in School of Mechanical and Industrial Engineering**

Work experience

One year as lecture in School of Mechanical and Industrial Engineering of Ethiopian Institute of Technology-Mekelle, Mekelle University Offering major senior course for under graduate students and assisting post-graduate students.

Dates October, 2015 up to present

Occupation or position held Lecturer

Main activities and responsibilities To participate in different researches and community and deliver Mechanical Engineering senior and junior course for undergraduate students and assisting for postgraduate students.

Name and address of employer Ethiopian Institute of Technology - Mekelle, Mekelle University
P.O.Box, 231, Mekelle
Tigray Reginal State, Ethiopia
Tel. +251-344-407500/01 Fax: +251-344-401090
Website: www.mu.edu.et/

Occupational field **Lecture in Mechanical Engineering Department**

Work experience

Three years as lecture in Mechanical Engineering Department of Aksum University Offering major senior course for undergraduate students.

Dates October, 2012 up to October, 2015

Occupation or position held Lecturer

Main activities and responsibilities To participate in different researches and community and deliver Mechanical Engineering senior and junior course for undergraduate students.

Name and address of employer Engineering and Technology College, Aksum University
P.O.Box 1010, Aksum, Tigray, Ethiopia
[Tel: +251-347-753645](tel:+251-347-753645), +251-348-750240
Fax: +251-347-751931
E-mail: axumac@telecom.net.et

Occupational field **Researcher in Centre for Research and Development**

Work experience

One year and three months as assistant researcher-III in centre for Research and Development of Defence Engineering College.

Dates July 2011 up to October 2012

Occupation or position held Assistant Researcher-III

Main activities and responsibilities To conduct and participate a research on different engineering problems of the college and to modify and design different components for different company which have collaboration with the college.

Name and address of employer Defence Engineering College
P.O.Box , 1041, Beshoftu (Dbrezeit)
Oromia Regional State, Ethiopia
Tel:+251-114-448400

Occupational field	Instructor in Mechanical Engineering Department
Work experience	One year and six months as Assistant lecture in Mechanical Engineering Department of Aksum University Offering junior and senior course such as Engineering Mechanics-II (Dynamics), Strength of Materials, Machine elements, Machine design, Mechanism of machinery, Mechanical vibration and Numerical methods.
Dates	September 2008 up to February 2010
Occupation or position held	Assistant lecturer
Main activities and responsibilities	To conduct and participate in different engineering researches, to offer junior and senior courses to students of Mechanical Engineering and to participate in the community service.
Name and address of employer	Aksum University, P.O.Box 1010, Aksum, Ethiopia Tel:+251-347-753645 Fax:+251-347-751931 E-mail: axumac@telecom.net.et
Occupational field	Design Engineer in Design and Technology Centre (DTC)
Work experience	Two years and four months as design engineer-I in Design and Technology Centre (DTC) of Mesfin Industrial Engineering (MIE) Plc.
Dates	From August, 2006 up to December, 2008.
Occupation or position held	Engineer-I
Main activities and responsibilities	To design components of a machine, re-design a product by making suitable for manufacturing using the machine of the company, design products by reverse engineering with optimum cost, preparing manufacturing drawing and supervise the manufacturing of the products.
Name and address of employer	Mesfin Industrial Engineering, Plc. P.O.Box.: 508, Mekelle, Ethiopia Tel: +251(0344)406800 Fax: +251(0344)406225 E-mail: meisco@ethionet.et
Education	
Title of qualification awarded	MSc. Degree in Mechanical Engineering (Mechanical Design)
Principal subjects/occupational skills covered	Advanced Mechanics, Advanced Dynamics, Kinematics and Dynamics of 3D multiple bodies, Finite Element, Fracture Mechanics, Fluid power system design, Product design, product testing, Industrial project management, Research Methodology, Energy resource and power plant engineering,
Name and type of organisation providing education and training	Addis Ababa University (Addis Ababa Institute of Technology)
Level in national or international classification	International
Title of qualification awarded	BSc. Degree in Mechanical Engineering
Principal subjects/occupational skills covered	Mechatronics, Advanced manufacturing system, Regulation and system Control engineering, Material handling, Machine design, Heat and Mass transfer, Thermodynamics, Turbo machinery, Fluid Power system , Mechanical Vibrations and other courses of Mechanical engineering
Name and type of organisation providing education and training	Bahir-Dar University (Engineering faculty)
Level in national or international classification	International
Leadership Experience	<ul style="list-style-type: none"> - For one year - Dean of Engineering and Technology college in Aksum University. - For one year – Head of Mechanical Engineering Department in Engineering and Technology of Aksum University - For one year and six months – Mechanical Engineering Section head in Design and Development Centre of Defence Engineering College.

Personal skills and competences

Excellent command of Using Auto CAD, ANSYS, CATIA, 3D modelling PRO-engineer, 3D modelling Solid works, MATLAB programming, C++ programming and Microsoft office project software gained through learning and practicing.

Mother tongue(s)

Tigrigna

Other language(s)

English, Amharic

Self-assessment

European level ()***English****Amharic**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient User	C2	Proficient User	C1	Proficient User	C1	Proficient User	C2	Proficient User
C2	Proficient User	C2	Proficient User	C1	Proficient User	C2	Proficient User	C2	Proficient User

(*) *Common European Framework of Reference for Languages*

Social skills and competences

-Team Spirit
-Good ability to adapt multicultural environments, gained through learning time in university and with participation in public issues

Organisational skills and competences

-Sense of organisation(experience in working in my living place and work area)
-Leadership(through participation in Clubs while I was a student and in different company while I was working in different institutes)

Master's Thesis title

“Crack propagation and vibration analysis of glass fiber reinforced composite hollow transmission shaft”

Artistic skills and competences

Mechanic (Leisure Activities)

Other skills and competences

Reading Story and Visiting historical places, Watching scientific channels

Additional information

References

- **Alem Beraki (M.Tec)**
School head of Mechanical and Industrial Engineering
Ethiopia Institute of Technology-Mekelle
Mekelle University, Mekelle, Tigray, Ethiopia
Tel.+251-914-397601
E-mail: alem_bw@yahoo.com
- **Dr. Mebrahtom Mesfin (PhD)**
Former Aksum University president
Director in Institute of Ethiopian Biodiversity
Mekelle, Tigray, Ethiopia
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- **Professor Eyassu Woldesenbet**
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Louisiana State University
Baton Rouge, LA 70803-6413
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E-mail: woldesen@me.lsu.edu
- **Dr. Mekonnen Abebe (PhD)**
Head for Research and Development centre in
Defense Engineering College
Debrezeye, Ethiopia
E-mail: bbmknnn2@gmail.com
- **Mr. Ermias Gebrekidan**
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Italy
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