

# CURRICULUM-VITAE

Biographic Details	: <b>LUKAS GEBREMARIAM</b>
Father's Name	: GEBREMARIAM LAPISO
Date of Birth	: 09/10/1992
Nationality	: Ethiopian; <b>Passport No.</b> EP8141350
Gender / Marital Status	: Male / Married
Language Proficiency	: English & Amharic
Blood Group	: B+
<b>Current (Postal) Address</b>	: Head & Lecturer, Department of Electrical & Computer Engineering Wachemo University Hossanna, Addis Ababa Ethiopia
<b>Permanent Address</b>	: Wachemo University, Hosanna: SNNPRS. Hadiya zone, Ethiopia
Contact Details	: (i) +251-922951901 (Ethiopia) (ii) +91-9724516566 (India)
Emails	: (i) <a href="mailto:lukasgebre8@gmail.com">lukasgebre8@gmail.com</a> (ii) <a href="mailto:lukas0354@gmail.com">lukas0354@gmail.com</a>

## OBJECTIVE

Would like to complete Ph.D. in Engineering & Technology and work as Professor in a reputed university and contribute to the growth and success of myself and the organization.

## SUMMARY

An **M Tech** with Dissertation work from **Parul University** and having 3+ years' experience in teaching and leading Academic wing. Teaching experience includes as Assistant Lecturer in **Asosa University** and as a Lecturer in **Wachemo University** (Department of Electrical and Computer Engineering Courses - under Ministry of Science and Higher Education (**MoSHE**), Govt. of Ethiopia) and as a **Head** of Department in **Wachemo University, Ethiopia**. Having experience in Research and Community service with a number of awards make me keen to further works.

## EDUCATION

S. No.	Qualification	Board/University	% of Marks	Division
1	<b>Bachelor (ECE)</b>	<b>University of Gondar</b>	<b>3.53 / 4.00 CGPA</b>	<b>Dean List (Great Distinction)</b>
2	<b>M Tech</b>	<b>Parul University, India</b>	<b>8.43 / 10.00 CGPA</b>	<b>First (Great Distinction)</b>

## WORK EXPERIENCE

### Wachemo University, Ethiopia

**[Nov/2016– Till date]**

Role: **Lecturer**, Department of Electrical and Computer Engineering

Imparting technical training on:

- Digital Signal Processing
- Fundamentals of Electrical Engineering
- Electrical engineering Laboratory
- Control systems
- Computer Applications in Power system
- Power system Protection and Switch gears
- Renewable energy and Rural Electrification
- Power System Planning and Operation
- Electromagnetic fields
- Digital Logic Design
- Digital Control
- Artificial Intelligence in Power System applications
- Computer programming and Simulink in MATLAB

Role: **Head**, Department of Electrical and Computer Engineering

Imparting coordination on:

- Research Projects in response to COVID- 19
- Proposed short-term training course
- Coordinating 1-5 cooperative learning
- Coordinating Gilgal Gibe II and III power plant (Electrical power generating dams)
- Proposed and Conducted Workshops in MATLAB Software , Artificial Intelligence and Emerging technology

- Research, Community Service and Industry linkage

## TRAINING EXPERIENCE

- Technical coordinator for laboratory training and guided 8 Projects as part of SET Project based Learning as per QMS standard
- Project Management, Project Estimation, Reviews, Test cases
- Preparing project plans, weekly training plans, syllabus design for various courses, MPP and project development life cycle
- Consultant for compensation of skill gaps for staffs Training

## LABORATORY WORKS

### Role: Lecturer cum Officer-In-Charge

Imparting technical training on:

- Machine labs and Electrical Workshops
- Digital Electronics
- Basic Electronics
- Basic Electrical Engineering lab

## PROFESSIONAL CERTIFICATIONS

- Certificate of Recognition entitled “ Smart Hand wash Dispenser System Manufacturing in Response to COVID – 19 ”, Wahemo University.
- Certificate of Recognition in recognition of proposing and Coordinating the training entitled “ Artificial Intelligence and Emerging Technology ”
- Certificate of Recognition in Recognition of the university committee entitled “Team Leader for launching new Post graduate program under the department of Electrical and Computer Engineering”
- Certificate of Recognition for presenting the poster entitled “ Designing and Construction of solar three – wheeler for disabled people ” at the silver Jubilee Staff and Students Annual Research Conference technology transfer Exhibition of the university of Gondar held from June 19 – 20, 2015.
- Certificate of Award for Successful completion of “Electrical Engineering Design” from WELTEC Institute, Vadodara, India.
- Certificate for Participating in Short term training entitled “Recent Inclination in HVDC & FACTS” in Electrical Engineering from Parul University, India.
- Certificate of attendance on “ Smart Grid and Power Electronics ” organized by DELORENZD by France Experts at Combolcha Institute of Technology

## PROGRAMMING SKILLS

- Languages: **C, C++, Java**
- Packages: **MATLAB, Scilab, LATEX, MS-OFFICE**
- Operating Systems: **Windows, Linux**

## SEMINARS/PUBLICATIONS

- “Combined Gray Level Transformation Technique for Low Light Colour Image Enhancement”, Journal of Computational and Theoretical Nanoscience, Vol. 17, 1–6, 2020.
- “Investigations of Factors Affecting Photovoltaic Module and Betterment of Intelligent over Conventional Algorithm on the Solar PV performance”, JETIR, Volume 5, may- 2018.
- “Designing of Semi plastic frame solar wheeler for Disabled People of Ethiopia”, in the parul international Conference on Engineering and Technology: Smart Engineering, Jointly organized by Faculty of Engineering and Technology , Parul University, and Wroclaw University of Science and Technology , Poland, held at Parul university, India, McGraw Hill education publication partner ,during February 16 – 17, 2018. ‘

## TRAININGS/WORKSHOPS ATTENDED

- “Effective Utilization of IEEE Database” organized by central library, Parul University on 3rd febraury, 2017.
- “Industry Defined Project sponsored Workshop in PV system” Organized by L&T power institutes held on 13<sup>th</sup> April 2018, Vadodara, India.
- 

## SCHOLARSHIPS AWARDED

- Ethiopian Ministry of Education Scholarship (2010 - 2015 )
- Ethiopian Ministry of Science and Higher Education Scholarship (2016 - 2018)

## MEMBERSHIPS

- YALE NETWORK : yali.state.gov

## REFERENCES

Mr. Alamayehu Kebede	Dean (School of Electrical and Mechanical Engineering), Wachemo University, Ethiopia	<a href="mailto:teltbw@gmail.com">teltbw@gmail.com</a>	+251-913173900
Mr. Durai Pandurangan	Lecturer, Electrical & Computer Engineering ,Wachemo University, Ethiopia	<a href="mailto:durai.2cool@gmail.com">durai.2cool@gmail.com</a>	+251-945863871
Tamirat Tagesse (PhD)	Asso.Prof., Electrical & Computer Engineering Department & Vice President, Wachemo University	<a href="mailto:tame277@gmail.com">tame277@gmail.com</a>	+251-996701851