

PERSONAL
INFORMATION

Addisalem Abathun Meharie

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Sex Female

Date of birth 21/01/1978

Nationality Ethiopian

WORK EXPERIENCE

Leadership Position

**Dean, College of
Natural and
computational
sciences Addis
Ababa University
2019-2022**

- Prepare consolidated plans and budget of the College and ensure implementation of the same
- In charge of policy formulation, coordination, direction and supervision across the college
- Formulate standards, and work procedures relevant to the academic units under the college in line with the University-wide policies, rules and regulations

**Graduate Program
coordinator, Department
of mathematics Addis
Ababa University 2017-
2019**

- Exercise authority over all academic and administrative matters in the college; Responsible for the leading the graduate students and designing program in the post graduate program, overseeing department teaching and research in the graduate programs, and alumni relations. The department has 37 PhD student, 25 MSc Student and 36 staff

**Executive committee
member, Ethiopian
Mathematics
Professionals
Association 2017-2020**

- Duties included official representative of the EMPA; attained the Board of Directors meetings; lead financial committee and manage the associations' financial transaction. Organize national conferences in mathematics. Write support letters to the members when needed. Manage the association webpage. EMPA is the only national organization in mathematics focused on in both elementary and higher level mathematics

**Director for academic
program unit, Addis
Ababa University
2010-2012**

- Lead the overall staff promotion, staff teaching and research load.
- Prepare annual calendar of the university and present to the university senate for approval.

WORK EXPERIENCE

ASSISTANT PROFESSOR

Department of Mathematics, Addis Ababa University ,2016 –Present

- Teaching post graduate courses, real analysis, complex analysis Topology and partial differential equations for MSc and PhD students. Teaching complex analysis , General topology, calculus for several variables, number theory, numerical analysis
- advising 34 Msc Students in pure mathematics
- Research analysis research group member and active participant in the department of mathematics, AAU.
- Examiner of 14 PhD and 42 MSc thesis in Addis Ababa University, Haramaya University and Adama University.
- Community service, advice high school teachers on how to teach math, how to make mathematics attractive.

Lecturer

Department of Mathematics, AddisAbaba University , 2006-2016

- Teaching undergraduate graduate courses,
- Advising Students
- Community service

Assistant lecturer

Department of Mathematics, Kotebe University of Education, Addis Ababa Ethiopia 2004-2006

- Teaching undergraduate graduate courses,
- advising 30 undergraduate Students
- Examiner for 25 undergraduate projects
- Community service

High school Teacher

Kemise Secondary school , Amhara region Education Beuro ,Ethiopia,1999-2004

- Teaching High School Mathematics

EDUCATION

PhD Addis Ababa University and Stockholm University (Sandwich-program) Mathematical Analysis and differential equations, 2016

Master of science Addis Ababa University ,Mathematical Analysis2006

Bachelor of Education in mathematics BED Kotebe College of teachers Education(Mathematics)

Conferences

- International Scientific Committee, International conference on Machine learning , Optimization and applications 2023, Kigali, Rwanda
- Scientific committee for the conference THE 4TH NETWORK MEETING RESEARCH GROUPS IN MATHEMATICS IN SUB-SAHARAN AFRICA, Makarere, Uganda
- Organizing committee international Conference on complex analysis and PDE, 2019
- Organizing Committee National conference of Ethiopian Mathematical professional Societies 2018

Leadership Trainings

- International deans course, June 2023 (Osnabruck university of Applied sciences and DAAD, Germany)
- Being A leader, (Foundation of Ontological leadership)
 - Transformational Leadership and Decision Making (Un Woman and Ministry of Science and Higher Education)
 - Strategic leadership and planning (College of Natural and computational sciences)

Organisational / managerial skills

As a leader of the college, I Created working team spirit in my institution I give enough time to finish tasks before deadlines and as planned.

- I am an organized communicator since I give responses to requests quickly, give instructions timely and communicate reliable information with stake holders and concerned

Memberships

- Member of Addis Ababa City Council
- Ethiopian Mathematical Professional Society
- African women in Mathematics Society
- Board member of HOAREC
- Advisory board member of STEM Synergy
- Board member of the centre for Ethio mines development

Publications

- Abathun, A., Bøgvad, R. Zeros of a Certain Class of Gauss Hypergeometric Polynomials. *Czech Math J* **68**, 1021–1031 (2018).
- Abathun, A., & Bøgvad, R. (2016). Asymptotic Distribution of Zeros of a Certain Class of Hypergeometric Polynomials. *Computational Methods in Function Theory*, 16(2), 167–185.
- *Silvestru Sever Dragomir, Muhammad Adil Khan and Addisalem Abathun*, the journal *Open Mathematics*

