

## Curriculum Vitae



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Department of Statistics & Informatic

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### Education

Ph.D., (Econometrics), University of Rajasthan, Jaipur, Rajasthan /India Thesis Title: Demographic Transition in Yemen; Econometric Analysis Advisor: Professor Dr. Narain Sinha	12/1999
M. A., Aligarh Muslim University, Aligarh, UP, India	7/ 1996
B.A., Statistics, University of Aden, Aden, Yemen	9/1989
Diploma in English, Aden University, Yemen	(1991-1993)

### Postdoctoral Training

Civic education and leadership fellow (CELF) & Faculty Mentor Maxwell school for citizenship & public affairs Syracuse University, New York	2/2013 – 5/2013
TOT, Training course in Gender and Development, as a trainer 2007 Oldenburg University, Germany	7/2007- 8/2007
Training course in estimation of costs in education and health sectors, National Population Council and UNDP & UNFP, Sana'a	2004
Gender & development Training Course, 2005, Larnestein University of Professional Education in Deventer, The Netherlands.	1/9/2005- 4/10/2005
Teaching Methods and skills training course, 2005, Wachningen University, Wachningen, The Netherlands	1/9/2005 - 4/10/2005

### Academic Appointments

Full Professor, Department of Statistics & Informatic, Faculty of managerial Sciences m University of Aden – Yemen	11/2010 -Till present
Associate Professor, Department of Statistics & Informatic, Faculty of managerial Sciences m University of Aden – Yemen	5/2005–10/2010
Assistant Professor, Department of Statistics & Informatic, Faculty of managerial Sciences m University of Aden – Yemen	7/1999 – 4/2005

### Major Leadership Positions

Head Department of Statistics & Informatic, Faculty of managerial Sciences m University of Aden – Yemen	2007-2011
Coordinator between University of Aden and University of Oldenburg, Germany	2007-2013
Member of Faculty Council, Faculty of Administrative Sciences, Department of Statistics and Informatics, University of Aden (Yemen)	2017-Till present
Member of the Supreme Curriculum Committee at Aden University - Yemen	2023- Till present
Coordinator, The World Bank Project, Evaluation and Development of Higher Education in Yemen	2004
Expert, National Population Council, Yemen &, UNFPA, Sana'a office, Yemen	2005-2012
Lecturer and researcher at the Women's Center for Research and Training, University of Aden.	2000-2013

### Honors and Awards

Medal of scientific excellence (1989), Ministry of Education, Yemen	1989
Aden University Award for Scientific Research, University of Aden, Yemen	2012

**Fields of Interest:** Gender Empowerment, Poverty, Sustainable Development, Migration & Refugee, Civic Education & Leadership, Politics

### Certificates

Certificate of Scientific Excellence, University of Aden	1989
Computer skills [ Excel, PowerPoint, SPSS, Internet, Office 2020, Data Shows & Multimedia Projectors	2003
Teaching Methods, University of Wageningen, Netherlands, 2005	2005
Certificate of Appreciation from the University of Oldenburg, Germany, for ,teaching the course of Gender and Development 2008	2008
Certificate of Periodic Evaluation of Academic Programs, Academic Development Center, University of Aden	2010
Gender and Development, Larnestaine University, Netherlands	2005
Certificate of cost estimation course in the fields of education and health, United Nations Population Fund, Yemen	2004
Self-evaluation and description of academic programs, British Council, Sana'a	2009
Certificate of Faculty Mentor Maxwell school for citizenship & public affairs Syracuse University, New York	2013
Civic Education and Leadership, Syracuse University, New York, 2013	2013
Certificate of Periodic Evaluation of Academic Programs, Academic Development Center, University of Aden.	2010
Training of Trainers (TOT), Response Project, USAID, Yemen	2013

### Teaching Activities in Programs and Course

Year	Subjects	Level	University
1991 - 1994	Mathematics + Statistics	Bachelor	University of Aden
1999-2001	Multivariate analysis + Demography	Bachelor	University of Aden
2001-2022	Math. Economics+ Econometrics + Operations research +Statistical inference + Social Statistics + Gender &Development + Advanced Demography Biostatistics + Research Methodology	Master + PhD	University of Aden +University of Djibouti + University of Oldenburg (Germany)
2021-till present	Visibility Study + Macro Economics + Production & Operations management	BA + MA	Faculty of Science and Technology – Yemen
2021-2023	Production & Operations management	MA	The Arab Academy for Management, Banking & Financial Sciences
	International Management Managerial Economics	MA	

### Academic Promotions

Year	Scientific title
1999	Assistant Professor
2005	Associate Professor
2010	Full Professor

### Books

1. An Introduction to Operations Research, Aden University Press, 2012
2. Basic Mathematics, Aden University Press, 2014
3. Introduction to Statistics ,2022

### Fellowships

1. Carl von Ossietzky university, Oldenburg, Germany (2008)
2. Civic education & leadership fellow, University of Syracuse, Syracuse, New York, since 2023
3. Faculty Mentor Maxwell school for citizenship & public affairs Syracuse University, New York, since 2013

### Skills

- Data Analyst
- Knowledge of Computer Software, Office 2020, Excel, SPSS, E-view, Internet, Data Shows & Multimedia Projectors
- Negotiation & Conversation skills
- Economic Visibility Study.
- Gender Trainer & Analyst
- English Language skills
- Economic Analyst
- Communication Skills

### Professional Experiences (Academic)

- Visiting Professor, University of Oldenburg, Oldenburg, Germany, 2008, teaching the subject namely Gender and Development.
- Visiting professor, University of Djibouti, Djibouti, Teaching the subjects, Econometrics and Math. Economics for graduate students 2010 -2012
- Participated successfully in the Institutional Strengthening Program in Training of Trainers, Faculty of managerial Sciences, University of Aden, 2013

- ☒ Coordinator between University of Aden and University of Oldenburg, Germany 2007-2013
- ☒ Worked as supervisor on the Project Namely " Economical Potentiality of Aden Governorate Survey " Conducted by German Organization for International Cooperation GIZ Aden Office, 2003-2004
- ☒ Gender and Youth Empowerment in Yemen, a project with United Nations Organization, UN HABITAT 2019
- ☒ Local Consultant, Yemen Gateway Education Project, Creative / DC. And Save children 2022

### **Researches presented at conferences and symposia (selected)**

- 1) Family Planning Activities in Yemen, a paper presented to the workshop entitled Family Planning in Yemen, Women, Research and Training Center, University of Aden, 2001.
- 2) Demographic Transformation in Yemen, research presented to the 31st Conference, Population and Sustainable Development, Demographic Center in Cairo, December 2001, Cairo.
- 3) Unemployment and its Impact on Educational Achievement – A Case Study of Aden Governorate - Research presented to the Symposium on Unemployment in Yemen, Reality and Future Challenges, 16-14 April 2002, Aden University
- 4) Evaluation of the Graduate Studies Program in the Faculty of Administrative Sciences (field study), a research presented to the scientific symposium for the evaluation of graduate studies at the University of Aden.
- 5) Youth Unemployment: Causes and Solutions, a paper presented to the workshop "Youth Unemployment Problems and Solutions" held at the University of Aden, August 2007.
- 6) Gender and Development, Measurements and Indicators, Gender Symposium, Aden University, Women 's Research and Training Center, 2009
- 7) Cultural and Social Determinants of Early Marriage and Childbearing in Yemen, International Conference on Population and Family Planning, Arab League, Cairo, 2006
- 8) Population Growth and its Impact on Sustainable Development in Yemen, International Conference on Population and Poverty in Yemen, 2009, Sana'a.
- 9) Gender and Development in the Arab States, Conference on Gender Transformation in the Arabian Peninsula and the Horn of Africa, French Center in Cairo, 2013
- 10) Obstacles to Investment in Yemen, Scientific Conference on Land and Investment, Aden University, 2013.
- 11) Civic education and civic engagement, Center of Women for Training & Researches, University of Aden 2014

- 12) Empowering women and enhancing capabilities to make a positive change in the society, National Committee for Women, 2022
- 13) Gender and Youth in Yemeni Cities, UN Habitat, Aden -2020
- 14) Human Resource Data management for Teachers & School Administration – A case Study of Selected Yemeni Governorates – Creative International Associate DC & Save children – Aden, 2022
- 15) ) Investment in Aden, obstacles and proposed solutions, Aden Conference, a vision of its commercial history and investment and its economic future - Aden - 2022

### **Published Researches**

1. Factors Affecting the Use of Family Planning Methods - A Case Study of Yemen - Journal of Social and Human Sciences, Volume 4, Issue 8, July - December 2001.
2. Population and Poverty in Yemen – Econometric Analysis - Journal of Social and Human Sciences, September in Issue 14, July - December 2004.
3. Factors Affecting Unemployment in Yemen, Yemen Journal, 2005, Aden University.
4. Cultural and Social Determinants of Early Marriage and Beginning of Reproduction in Yemen, Journal of Arts, 2006, University of Aden.
5. Fertility and its relationship with the variables and demographic, economic and social in Yemen, Journal of Humanities, Netherlands, 2009
6. Balance between Population Growth and Sustainable Development in Yemen, Egyptian Journal of Population and Family Planning, Cairo University, International Statistical Institute, July, 2008.
7. Higher Education in Yemen, Reality and Looking Ahead, Journal of Social and Human Sciences, University of Aden, June, 2008.
8. Difficulties and Obstacles to Expatriate Participation in Development in Yemen, Research Published in the Journal of Administrative Sciences, January - June 2010.
9. Causal Factors of Demographic Transition in Yemen, Journal of Social Sciences and Humanities, Vol.6, No.11, Jan-June 2003, Aden University Printing & Publishing House.
10. Econometric Analysis of Socio-economic Determinants of Fertility: A Case Study of Yemen Al-Yemen Journal, No. 16, November 2002, Center for Yemeni Research and Studies, University of Aden.
11. Determinants of Female Labor force Participation in Yemen, Journal of Economics, Faculty of Economics, University of Aden, 2007.
12. Socio-economic Potentiality of Aden Governorate, Journal of Economic and Administrative Sciences, Aden University, Aden, 2009.

13. Gender and Development: A Case Study of Arabian Peninsula Countries, Journal of Managerial & Economical Sciences, University of Aden, 2013
14. Demographic Dividend in the Arabian Peninsula. A Case of Yemen and Saudi Arabia, Egyptian Journal of Population and Family Planning, Cairo University, International Statistical Institute, 2012
15. Gender Empowerment in Yemen, Journal of Afro-Asian Studies, Eight Issue Democratic Arab Center, Germany, Berlin, Feb.2021.
16. A report on the Status of Yemeni Cities, Aden, Taiz, AL Mukalla, Zinjubar, Lahj, UN Habitat, 2020
17. Yemen Gateway to Education- Human Resource Data Management Report for Teachers and School Administration, Creative International Association DC & Save Children, 2023.
18. Database of gender empowerment in decision-making positions Aden Governorate – UN Women, United Nations Entity for Gender Equality and Empowerment of Women & National Council of Women – Yemen, 2023

### **Supervised Master & PhD research works (discussed & defended)**

#### **Master Dissertation**

1. Child Mortality Models in Yemen, Statistical Study, 2004
2. Socioeconomic Factors affecting Mortality in Yemen ,2003
3. Factors Affecting Fertility in Yemen, Statistical Study ,2006
4. Population and Poverty in Yemen ,2006
5. Population growth and its impact on sustainable Development in Yemen, 2010
6. Using Logistic regression in Analyzing Factors affecting Early Marriage in Yemen, 2013
7. Yemeni External migration and its relationship with Development ,2010
8. Using Factor Analysis in Determining Factors affecting Educational attainment of Students, A case Study of Yemen, 2014
9. Using Statistical Methods in measuring Performance of Sea Ports, A case Study of Aden sea Port .2014
10. Evaluation of teaching performance of mathematics teachers in secondary schools, a case study: Aden governorate schools, 2014
11. Estimation of Cobb Douglas production Function: A case Study of Industrial Sector – Yemen ,2023

### PhD Thesis

1. Econometric Modeling of Multidimensional Poverty in Yemen, 2017.
2. Using Factor Analysis in Determining Socioeconomic factors Affecting Fertility in Yemen ,2018.
3. Statistical Analysis of Family Budget in Yemen, 2018.
4. Econometric Modelling of Foreign Trade in Yemen, 2023.
5. Estimation of Family Budget Models for Yemen, 2023.
6. The impact of population growth on public education in the Republic of Yemen 2000-2020.
7. Using Markov chains in analyzing student movement during the academic stages: an applied study of faculties of medicine, engineering and administrative sciences - University of Aden

### References

1. Dr. Abdullah Hamoud Seraj  
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2. Omer Ahmed Al Sakaf  
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Dubai Corporation for Ambulance services  
Director of administration of technical affairs
3. Ayo Oladini  
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Technical Advisor – Gateway To Education Yemen  
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4. Dr. Adel Abdulmageed Alawi  
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