



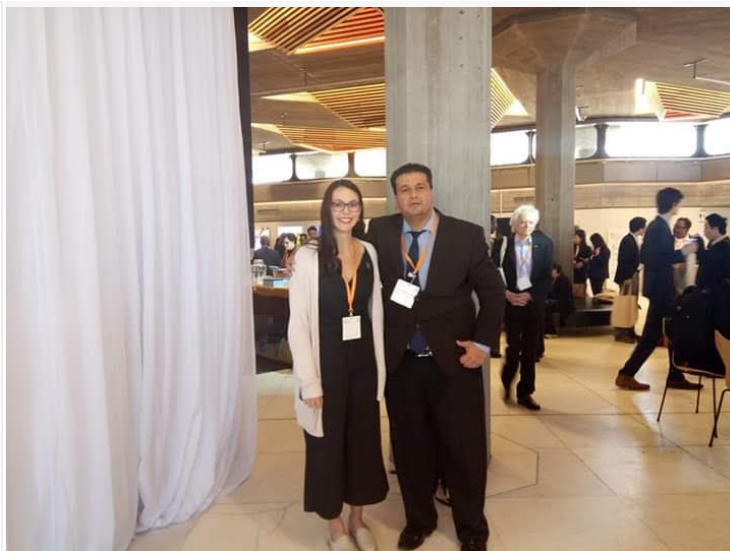
# THE TECHNICAL UNIVERSITY OF KENYA

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## EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	AEROSPACE ENGINEERING	GEORGIA INSTITUTE OF TECHNOLOGY(United States)	2010
Masters of Science (M.Sc.)	AEROSPACE ENGINEERING	GEORGIA INSTITUTE OF TECHNOLOGY(United States)	2005
Bachelor of Science (BSc)	ELECTRICAL ENGINEERING	GEORGIA INSTITUTE OF TECHNOLOGY(United States)	2003
O level/Equivalent	CERTIFICATE OF SECONDARY EDUCATION	INTERNATIONAL SCHOOL OF TANGANYIKA(Tanzania)	1998

## WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2018 - To Date	The Technical University of Kenya	ASSOCIATE PROFESSOR

## SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
Wagaw, K., Gabbiye, N., Hameer, S.: Anaerobic Co-digestion of Cafeteria Leftover Food and Toilet Wastes for Biogas Production, Manuscript submitted to AIMS Energy, Manuscript number Energy 2018017, Feb 2018.	<a href="#">View online</a>	
Hameer, S., Gabbiye, N., Yayu, N., Ejigu, N., Wudineh, K., Wagaw, K.: A Prospective Review of Renewable Energy Developments in Ethiopia. Manuscript submitted to AIMS Energy, Manuscript number Energy 2018018, Feb 2018.	<a href="#">View online</a>	
Zelege Ademe, Sameer Hameer. Design, construction and performance evaluation of a Box type solar cooker with a glazing wiper mechanism. AIMS Energy, 2018, 6(1): 146-169. doi: 10.3934/energy.2018.1.146.	<a href="#">View online</a>	
Kichonge, B., Mkilaha, I., John, G. Hameer, S.: The Economics of Renewable Energy Sources into Electricity Generation, Journal of Energy, Hindawi, Volume 2016, Article ID 5837154, 8 pages.	<a href="#">View online</a>	
Hameer, S., van Niekerk, J.L.: A Novel Methodology for Comparing Thermal Energy Storage to Chemical and Mechanical Energy Storage Technologies of Electricity. International Journal for Research in Electrical Engineering, Vol. 1 Issue 1, November 2015.	<a href="#">View online</a>	
Hameer, S., van Niekerk, J.L.: Thermodynamic Modelling of Molten Salt Thermal Energy Storage System. International Journal of Scientific Research and Innovative Technology, ISSN: 2313-3759, Vol. 2 No. 10, October 2015.	<a href="#">View online</a>	
Hameer, S., van Niekerk, J.L.: A review of large-scale electrical energy storage. International Journal of Energy Research, Volume 39, pp. 1179-1195, February 2015.	<a href="#">View online</a>	
Kichonge, B., John, G., Mkilaha, I., Hameer, S.: Modelling of Future Energy Demand for Tanzania, Journal of Energy Technologies and Policy, Volume 4(7), 2014.	<a href="#">View online</a>	
Nkhonjera, L., Hameer, S., Kosamu, I. B. M.: Towards sustainable energy utilization: An analysis of various cooking fuel options in Malawi, Journal of Mechanical Engineering Research, Volume 5(3), pp. 68-75, March 2013.	<a href="#">View online</a>	
Lujaji, F., Hameer, S., John, G., Bereczky, A., Mbarawa, M.: Experimental investigation of NOx emission on croton oil- 1-butanol-diesel in compression ignition (CI) engine, Journal of Mechanical Engineering Research, Volume 5(6), pp. 112- 122, September 2013.	<a href="#">View online</a>	
A COMPARATIVE STUDY AND APPLICATION OF CONTINUOUSLY VARIABLE TRANSMISSION TO A SINGLE MAIN ROTOR HEAVY LIFT HELICOPTER	<a href="#">View online</a>	
Research Gate	<a href="#">View online</a>	
Google Scholar	<a href="#">View online</a>	
SCOPUS INDEX	<a href="#">View online</a>	
American Helicopter Society Competition Second Place	<a href="#">View online</a>	
Solar Water Heating Thermal Performance Test using an Outdoor Test Method	<a href="#">View online</a>	

#### PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
AAS AFFILIATE	THE AFRICAN ACADEMY OF SCIENCES
PROFESSIONAL ENGINEER	ENGINEERS BOARD OF KENYA