THE TECHNICAL UNIVERSITY OF KENYA

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School:	MECHANICAL AND AEROSPACE ENGINEERING
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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.	View online	
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.	View online	
Zeleke 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.	View online	
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.	View online	
Hameer, S., van Niekerk, JL.:, 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.	View online	
Hameer, S., van Niekerk, JL.:, 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.	View online	
Hameer, S., van Niekerk, JL.:, A review of large-scale electrical energy storage. International Journal of Energy Research, Volume 39, pp. 1179-1195, February 2015.	View online	
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.	View online	
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.	View online	
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.	View online	
A COMPARATIVE STUDY AND APPLICATION OF CONTINUOUSLY VARIABLE TRANSMISSION TO A SINGLE MAIN ROTOR HEAVY LIFT HELICOPTER	View online	
Research Gate	View online	
Google Scholar	View online	
SCOPUS INDEX	View online	
American Helicopter Society Competition Second Place	View online	
Solar Water Heating Thermal Performance Test using an Outdoor Test Method	View online	

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
AAS AFFILIATE	THE AFRICAN ACADEMY OF SCIENCES
PROFESSIONAL ENGINEER	ENGINEERS BOARD OF KENYA
Professional Engineer	Engineers Board of Kenya