



THE TECHNICAL UNIVERSITY OF KENYA

Haile Selassie Avenue, P.O. Box 52428, Nairobi, 00200, Tel +254(020) 343672, 2249974, 2251300, 341639

Fax 2219689, Email: vc@tukenya.ac.ke, Website: www.tukenya.ac.ke

NAME: PROF SAMEER JAFFER HAMEER

Faculty:	ENGINEERING AND THE BUILT ENVIRONMENT
School:	AEROSPACE AND AVIATION ENGINEERING
Department:	AERONAUTICAL AND AIRCRAFT ENGINEERING
Current Designation:	Associate Professor, SCHOOL OF AEROSPACE AND VEHICLE ENGINEERING (SAVE)
Office Telephone:	+254(020) 2219929, 3341639, 3343672
Official Email:	sameerhameer@tukenya.ac.ke
Consultation Hours:	8AM-5PM MON - FRI



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
Certificate	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 PULICATION
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.	https://www.researchgate.net/profile/Sameer_Hameer
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.	https://www.researchgate.net/profile/Sameer_Hameer
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.	https://www.researchgate.net/profile/Sameer_Hameer
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.	https://www.researchgate.net/profile/Sameer_Hameer
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.	https://www.researchgate.net/profile/Sameer_Hameer
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.	https://www.researchgate.net/profile/Sameer_Hameer
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.	https://www.researchgate.net/profile/Sameer_Hameer
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.	https://www.researchgate.net/profile/Sameer_Hameer
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.	https://www.researchgate.net/profile/Sameer_Hameer
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.	https://www.researchgate.net/profile/Sameer_Hameer
A COMPARATIVE STUDY AND APPLICATION OF CONTINUOUSLY VARIABLE TRANSMISSION TO A SINGLE MAIN ROTOR HEAVY LIFT HELICOPTER	https://smartechnology.gatech.edu/bitstream/handle/1853/33969/hameer_sameer_j_200912_phd.pdf
Research Gate	https://www.researchgate.net/profile/Sameer-Hameer/2
Google Scholar	https://scholar.google.com/citations?user=KEhNKcAAAAAJ&hl=en
SCOPUS INDEX	https://www.scopus.com/authid/detail.uri?authorId=15070602400
American Helicopter Society Competition Second Place	https://bpb-us-w2.wpmucdn.com/sites.gatech.edu/dist/1/346/files/2022/10/GIT_2005.pdf
Solar Water Heating Thermal Performance Test using an Outdoor Test Method	https://ieeexplore.ieee.org/document/9543418

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
AAS AFFILIATE	THE AFRICAN ACADEMY OF SCIENCES
PE AEROSPACE ENG A3799	ENGINEERS BOARD OF KENYA