



THE TECHNICAL UNIVERSITY OF KENYA

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Faculty:	ENGINEERING AND THE BUILT ENVIRONMENT
School:	MECHANICAL AND MANUFACTURING ENGINEERING
Department:	Mechanical and Mechatronic Engineering
Current Designation:	Technologist, METALLURGY AND MATERIALS ENGINEERING (DMME)
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Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Masters of Science (M.Sc.)	Mechanical Engineering	University of Kwazulu-Natal(South Africa)	2015
Bachelor of Industrial Technology (B.Ind.Tech)	Plant and Building Services Engineering	Egerton university(Kenya)	2004
Diploma	Mechanical Engineering (Plant option)	Kenya Polytechnic(Kenya)	1999

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2007 - 2011	Egerton University	Senior Technologist
2011 - *	Kenya Polytechnic University Collage	Technologist

CURRENT RESEARCH PROJECTS

COUPLED HEAT AND MASS TRANSFER	SOLAR POWERED LIQUID DESICCANT DEHUMIDIFICATION AND REGENERATION
VACUUM INSULATED HYBRID PHOTOVOLTAIC/THERMAL POWER MODULE	SOLAR POWER CONVERSION TECHNOLOGIES

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
Oyieke, A.Y.A. and Patrick, G.M. and Ogola, W.O. (2007), Processing of waste paper and saw dust as an alternative domestic fuel source Botswana Journal of Technology. Volume 16 #1. April. p. 59-65.	View online	
Oyieke Andrew Y. A. and Inambao F.L., "Simulation and Performance evaluation of a vacuum insulated hybrid solar photovoltaic/thermal power module for domestic applications." In proceedings of the 13th International Conference on Sustainable Energy Technologies(SET 2014) CD ROM, Geneva, Switzerland	View online	
Oyieke Andrew Y. A. and Inambao F.L., (2015) "Simulation and performance evaluation of a vacuum insulated hybrid solar photovoltaic/thermal power module for domestic applications in South Africa". TMC academic journal, Vol. 9, Issue no. 2, pp. 1-19.	View online	

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
Member	International Solar Energy Society (ISES)
Member	World Society for Sustainable Energy Technologies (WSSET)
Member	Institution of Engineering Technologists (Kenya)
Member	Kenya Renewable Energy Association (KEREA)
Member	South African Institution of Mechanical Engineering (SAIMechE)
Member	International Association of Engineers (IAENG)