



# THE TECHNICAL UNIVERSITY OF KENYA

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NAME: PROF THOMAS TONNY ONYANGO MBOYA

Faculty:	Applied Sciences and Technology
School:	Mathematics and Actuarial Science
Department:	Industrial and Engineering Mathematics
Current Designation:	Associate Professor, INDUSTRIAL AND ENGINEERING MATHEMATICS (DIEM)
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Consultation Hours:	



## EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	INVERSE AND Ill-POSED PROBLEMS	UNIVERSITY OF LEEDS(United Kingdom)	2008
Masters of Science (M.Sc.)	MATHEMATICS	UNIVERSITY OF NAIROBI(Kenya)	1999
Bachelor of Education (B.Ed)	SCIENCE	EGERTON UNIVERSITY(Kenya)	1993
A Level/Equivalent	KENYA ADVANCED CERTIFICATE OF EDUCATION	HOMA-BAY HIGH SCHOOL(Kenya)	1989
O level/Equivalent	KENYA CERTIFICATE OF EDUCATION	KOKURO SECONDARY SCHOOL(Kenya)	1987

## WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
Feb, 2016 - To Date	Technical University of Kenya	Associate professor and Director of School
Feb, 2013 - Jan 2016	Technical University of Kenya	SENIOR LECTURER and Chair Department of Industrial and Engineering Mathematics
March 2012 - Jan 2013	Technical University of Kenya	SENIOR LECTURER and Chair Department of Statistics and Computational Mathematics Mathematics
2009 - 2012	CATHOLIC UNIVERSITY OF EASTERN AFRICA	LECTURER
2005 - 2009	UNIVERSITY OF LEEDS	POST GRADUATE DEMONSTRATOR
2001 - 2005	CATHOLIC UNIVERSITY OF EASTERN AFRICA	LECTURER
1999 - 2002	TEACHERS SERVICE COMMISSION OF KENYA	TEACHER
1994 - 1997	TEACHERS SERVICE COMMISSION OF KENYA	TEACHER

#### CURRENT RESEARCH PROJECTS

computational fluid dynamics dynamical systems

#### SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
RECONSTRUCTION OF BOUNDARY CONDITION LAWS IN HEAT CONDUCTION USING THE BOUNDARY ELEMENT METHOD.	<a href="#">View online</a>	
RESTORING BOUNDARY CONDITIONS IN HEAT CONDUCTION,	<a href="#">View online</a>	
RECONSTRUCTION OF HEAT TRANSFER COEFFICIENTS USING THE BOUNDARY ELEMENT METHOD,	<a href="#">View online</a>	
RESTORING BOUNDARY CONDITIONS IN HEAT CONDUCTION USING THE BOUNDARY ELEMENT METHOD, ADVANCES IN BOUNDARY ELEMENT METHODS.	<a href="#">View online</a>	

#### POSTGRADUATE STUDENTS SUPERVISION

NAME	PROJECT TITLE	PERIOD
Francis Muli	Fluid Flow	2014