


DR. ROTICH KIPCHIRCHIR GIDEON (ASSISTANT PROFESSOR)

Name	DR. ROTICH KIPCHIRCHIR GIDEON (PhD.)			
Position	Assistant Professor Textile chemistry Ethiopian Institute of Textile and Fashion Technology [EiTEX], Bahir dar University			
Academic Background	PhD in Composite Materials,	Donghua University, Shanghai, China	2012-2015	
	MSc. in Textile Science and Engineering,	Donghua University, Shanghai, China	2010-2012	
	BTech. in Textile Engineering,	Moi University, Eldoret, Kenya	1999-2004	
Professional Background	Type of Activity	Employer	Time Period	
Research assistant	<ul style="list-style-type: none"> - Research - Demonstrated lab work to masters students 	Donghua University, Shanghai, China	2013 - 2015	
Presiding Officer	<ul style="list-style-type: none"> - National Referendum Exercise 	Independent Electoral commission of Kenya	May 2010	
Assistant manager and High school Teacher	<ul style="list-style-type: none"> - Management - Math's and physics teacher 	Litein East Schools, Kericho, Kenya	2005 – 2010	
Supervisor	<ul style="list-style-type: none"> - National Censors Exercise. 	Kenya bureau of statistics	September 2009	
Internship	<ul style="list-style-type: none"> - Industrial attachment 	Ken-Knit limited, Eldoret, Kenya	May - July 2003	
Internship	<ul style="list-style-type: none"> - Industrial attachment 	Londra limited, Nakuru	May – July 2002:	
Research Interests	<ul style="list-style-type: none"> - Composite textile materials - 3 D Textile manufacturing - Green composites - Recycling 			
Publications	<ol style="list-style-type: none"> 1. Rotich K. Gideon, Hangjun Hu, Paul Wambua, Bohong Gu. Characterizations of Basalt Unsaturated Polyester Laminates Under Static Three-Point Bending and Low-Velocity Impact Loadings. Polymer Composites, 2014, 35(11): 2203 – 2213 2. Rotich K Gideon, Fa Zhang, Liwei Wu, Baozhong Sun, Bohong Gu. Damage behaviors of woven basalt-unsaturated polyester 			

laminates under low-velocity impact. Journal of Composite Materials published online 24 June 2014 (DOI: 10.1177/0021998314541824)

3. **Rotich K. Gideon**, Baozhong Sun, Bohong Gu. Mechanical Behaviors of 4-Step 1×1 Braided Carbon/Epoxy Three-Dimensional Composite Tubes under Axial Compression Loading. Polymer Composites publish online 30 April 2015(DOI: 10.1002/pc.23519)
4. **Rotich K. Gideon**, Haili Zhou, Yuanyuan Li, Baozhong Sun, Bohong Gu. Quasi-static compression and compression-compression fatigue characteristics of 3D braided carbon/epoxy tube. The Journal of the Textile Institute ((DOI: 10.1080/00405000.2015.1071964)
5. **Rotich K. Gideon**, Haili Zhou, Xianyan Wu, Baozhong Sun, Bohong Gu. Finite Element Analysis of 3D Circular Braided Composites Tube Damage Based on Three Unit-Cell Models under Axial Compression Loading. International Journal of Damage Mechanics (under review)
6. Baozhang Sun, R Zhang, Q Zhang, **Rotich K. Gideon**, Bohong Gu. Drop-weight impact damage of three-dimensional angle-interlock woven composites. Journal of Composite Materials, 2013 47(18): 2193–2209
7. Wei Zhang, Zhong xiang Pan, **Rotich K. Gideon**, Bohong Gu, Baozhong Sun. Effects of temperature and strain rate on impact compression behaviors of three-dimensional carbon fiber/epoxy braided composites. Journal of Composite Materials, 2015, 49(7): 771-782
8. Fa Zhang, Liwei Wu, Yumin Wan, **Rotich K. Gideon**, Bohong Gu, Baozhong Sun. Numerical modeling of the mechanical response of basalt plain woven composites under high strain rate compression. Journal of Reinforced Plastics and Composites, 2014, 33(12): 1087 - 1104
9. Jin LiMin, Yao Yao, Yu YiMin, **Rotich K. Gideon**, Sun BaoZhong, Gu BoHong. Structural effects of three-dimensional angle-interlock woven composite undergoing bending cyclic loading. Science China; Physics, Mechanics & Astronomy. 2014, 57(3): 501–511

CONFERENCES ATTENDED	Place	Time Period
International Rope Forum	Taian, China	2012
International workshop on Electro-spinning for High performance Applications	Shanghai, china	2014
Sino–Africa international symposium on textiles and apparel	Shanghai, china	2015:
PROFESSIONAL MEMBERSHIPS		
<ol style="list-style-type: none"> 1. 2004: The institution of Engineers of Kenya (student category) 2. 2011: Society for the Advancement of Material and Process Engineering (SAMPE) – shanghai, china branch (member) 3. 2015: The Institution of Engineers of Kenya (Graduate engineer- pending) 		

