

Mohammad Kamal Hossain, PhD Associate Professor, Mechanical Engineering, Tuskegee University, Publications and Presentations (2002-2017)

## Book

1. Mohammad Kamal Hossain, Stress Corrosion Cracking and Hydrogen Embrittlement of Alloy EP-823 'Lambert Academic Publishing, Germany, ISBN: 97838360164.

## Book Chapter

1. Mohammad Kamal Hossain Scanning Electron Microscopy Study of Fiber Reinforced Polymeric Nanocomposites Book: Scanning Electron Microscopy edited by Viacheslav Kazmiruk , InTech Publisher, ISBN 97953-307-309-4.
2. Mohammad Kamal Hossain, Shamim Ara Begum, Nanophased Cellulose-Based Structural Composite Book: Cellulose and Cellulose Derivatives: Synthesis, Modification, Nanostructure and Applications edited by Dr. Ibrahim Mondal . Nova Publishers|ISBN 978-1-63483885-6.

## Refereed Journal Publications

1. M. E. Hossain, M. K. Hossain, M. V. Hosur, and S. Jeelanji Effect of dispersion conditions on the thermal and mechanical properties of carbon nanofiller/epoxy nanocomposites Journal of Engineering Materials and Technology 137: 031005, 2015
2. Hossain M., Chowdhury M. M. R., Salam M. B. A., Jahan N., Malone J., Hosur M. V., Jeelanji S. and Bolden N. W., Enhanced Mechanical Properties of Carbon Fiber/Epoxy Composites by incorporating X-Grade Carbon Nanotubes Journal of Composite Materials doi: 10.1177/0021998314545186

7. Muhammad E. Hossain Mohammad K. Hossain Mahesh Hosur and 6 K D L N - H H O D Q L <sup>3 / R</sup>  
Velocity Impact Behavior of CNF Filled Glass Fiber Reinforced Polyester Composites  
of Composite Materials 48 (7): 879-896, 2013
8. Mohammad K Hossain, Mohammad E Hossain, Mohammad W. Dewan, Mahesh Hosur,  
and 6 K D L N - Effect of Carbon Nanofiber (CNF) on Thermal and Interlaminar Shear  
Responses of Epoxy/Carbon Nanofiber Composites Journal of Composites Part B 4: 313-320,  
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9. Mohammad K. Hossain Mohammad W. Dewan, Mahesh V. Hosur and Shaik Jeelani,  
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Jute/Biopol Green Composites Journal of Reinforced Plastics and Composites 30 (22):  
1841-1856, 2011.
10. Mohammad K. Hossain Mohammad W. Dewan, Mahesh V. Hosur and Shaik Jeelani,  
<sup>3 0 H F K D Q L F D O 3 H U I R U P D Q F H V R I 6 X U I D F H 0 R G L I L H G - X W H</sup>  
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11. Mohammad K Hossain 0 R K D P P D G : 'H Z D Q 0 D K H V K + R V X U 6 K D L N  
and Mechanical Characterization of Jute/LR/SR/O1DQ/RSKD/VHG \* UHHQ & RPSR  
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<sup>3 S t u d y o f M e c h a n i c a l R e s p o n s e s a n d T h e r m a l E x p a n s i o n o f N a n o f i l e d P o l y e s t e r</sup>  
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13. Mohammad K Hossain Kazi Al Imran, Mahesh Hosur and 6 K D L N - H H O D Q L <sup>3 ( I I H F W</sup>  
Seawater on Thermal Behavior of Conventional and Nanophased Carbon/Epoxy E

2. Mohammad K Hossain D Q G 0 D K P X G X U 5 & K R Z G K X U \ 3 ( Q K D Q F H G 3 U Composite Reinforced with AminoFunctionalized Graphene Nanoplatelets<sup>TM</sup> MECE 2015, Paper Number: IMECE2015-1483 Houston, Texas, November-13, 2015
3. Mohammad K Hossain, Md. Mahmudur R Chowdhury, Mahmud B Salathnathan Malone, Mahesh Hosur, Shaik Jeelaniydia W Bolden, <sup>3</sup>ThermoMechanical and ILSS Properties of Woven Carbon/Epoxy

14. M.K. Hossain 0 : 'H Z D Q 5 & D U Y H U 0 Thermal and Mechanical Properties of Jute R O \ H V W H U 1 D Q R S K D Value G ID%1402 ISRN PSE ROM L W H V '



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8. Mohammad K Hossain Effects of Carbon Nanofiber (CNF) on Mechanical and Thermal  
Behavior of Polyester and ~~E~~ O D V V 3 R O \ H V W H U & R P S R V L W H V ' 6 X P P H U  
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9. Mohammad K Hossain ( P R U \ + H D G 0 D K H V K + R ~~Fabrication~~<sup>Effect</sup> 6 K D L N - H H O D Q  
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11. Mohammad K Hossain . D ] L \$ O , P U D Q 0 D K H V K + R ~~Seawater~~<sup>Effect</sup> D Q G 6 K D L N  
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13. M. K. Hossain, C. U. Okoro 0 9 + R V X U D Q G 6 - H H O D Q L 3 0 H F K D Q L F  
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16. Mohammad K. Hossain 0 R K D P P D G : ' H Z D Q 0 D K H V K 9 + R V X U D Q G  
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7. Mohammad K. Hossain Mohammad W Dewan, Mahesh V. Hosur, and Shaik ~~Jed~~<sup>1</sup> Durability Study of Nanophased Jut~~16~~<sup>16</sup> D V H G \* U H H Q ~~2011 INSTR~~<sup>16</sup> N~~16~~<sup>16</sup> Tech Cónference Boston, MA, June 1316, 2011.
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11. Mohammad K. Hossain Jan Helge Bøhn, and U D G R V K 5 D \ 3 & R Q F H S W X D O ' H V ( P L V V L R Q & R Q W, 2010 PAOCEEGlobalWorld, Seoul, Korea, July 193, 2010
12. Mohammad K. Hossain ~~Q~~<sup>3</sup> Q J L Q H H U L Q J ( G X F D W L R QMih~~R~~<sup>R</sup> U L W \ 6 W Development Workshop 2010 MIT, Cambridge, Massachusetts March 2124, 2010.