

Name and Academic Rank

Mohammed Salman Mustafa

Lecturer, Mechanical Engineering, Northern Border University.

Education

M.Tech - Tool Engineering, GT&TC, Visvesvaraya Technological University, India, 2011

B.E. - Mechanical Engineering, Alpha College of Engineering, Visvesvaraya Technological University, India, 2007

Academic experience

2010 – 2011: Full time Lecturer in Mechanical Engineering, Islamia Institute of Technology, Visvesvaraya Technological University, Bangalore, India.

2011 – 2013: Full time Lecturer in Mechanical Engineering, KNS Institute of Technology, Visvesvaraya Technological University, Bangalore, India.

2013 – 2014: Full time Asst. Professor in Mechanical Engineering, HKBK College of Engineering, Visvesvaraya Technological University, Bangalore, India.

2014 – 2015: Full time Lecturer in Mechanical Engineering, KNS Institute of Technology, Visvesvaraya Technological University, Bangalore, India.

Non-academic experience

2009 – 2010: 08 months of experience as a Trainee engineer in Toyoma Electricals Limited.

Certifications or professional registrations

N/A

Current membership in professional organizations

N/A

Honors and awards

N/A

Service activities (within and outside of the institution)

N/A

Publications of the Last Five Years:

1. **Dr. Nayeem Ahmed M**, HOD, KNSIT, Bangalore, India, **Mr. Mohammed Salman Mustafa**, Asst. Professor, KNSIT, Bangalore, India "*A Study on Tensile and Compressive strength of Hybrid Polymer Composite Materials (E Glass fibre – Carbon fibre – Graphite Particulate)*" with epoxy resin 5052 by varying its thickness. Published in **International Journal of Mechanical Engineering and Technology (IJMET) Volume 6, Issue 4, April (2015), pp. 17-26**

2. Dr. Nayeem Ahmed M, HOD, KNSIT, Bangalore, India, **Mr. Mohammed Salman Mustafa**, Asst. Professor, KNSIT, Bangalore, India, *An Investigation on Hybrid Polymer Based Composites (E Glass fibre – Carbon fibre – Graphite Particulate with Epoxy resin 5052) for Flexural and Inter Laminar Shear Stress for Different Thicknes.*

American International Journal of Research in Science, Technology, Engineering & Mathematics AIJRSTEM 15-408; © 2015, AIJRSTEM All Rights Reserved Page 284
AIJRSTEM is a refereed, indexed, peer-reviewed, multidisciplinary and open access journal published by International Association of Scientific Innovation and Research (IASIR), USA (An Association Unifying the Sciences, Engineering, and Applied Research.

3. Dr. Mohammed Yunus1, Dept of Mechanical Engineering, Umm Al-Qura University, Mecca, Saudi Arabia, **Dr. Mohammad S. Alsoufi2**, Umm Al-Qura, University, Mecca, Saudi Arabia, **Mohammed Salman Mustafa3**, Asst. Professor, KNSIT, Bangalore, India, *Optimizing the Die Design Parameters of a Two Cavity Injection Moulding Tool for a Fan Blade Back Cover using Mold Flow Analysis.*

IJITE Vol.03 Issue-06, (June, 2015) ISSN: 2321-1776

4. Dr. Mohammed Yunus1, Dept of Mechanical Engineering, Umm Al-Qura University, Mecca, Saudi Arabia, **Dr. Mohammad S. Alsoufi2**, Umm Al-Qura, University, Mecca, Saudi Arabia, **Mohammed Salman Mustafa3**, Asst. Professor, KNSIT, Bangalore, India, *“Application of Taguchi Design Approach in the Optimization of Die Design Parameters of a Two Cavity Injection Molding Tool for a Fan Blade Back Cover”*, IJITE Vol.03 Issue-07, (July, 2015) ISSN: 2321-1776

The most recent professional development activities

Attended Workshop on Surface Coating, SEM and XRD Technique. Bangalore, India.

The most recent professional development activities

N/A