



Curriculum Vitae

Suhad Dawood Salman

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PERSONAL SUMMARY:

- Lect. Dr. Suhad Dawood Salman is a university staff member with 20 years' experience in teaching mechanical engineering subjects and supervising projects. Areas of interest are hybrid materials, natural fibers, mechanical properties, low velocity impact, and high velocity impact.

EDUCATION:

- Ph.D (Mechanical Engineering-Applied Mechanics) , Universiti Putra Malaysia, 2017
- M.Sc (Mechanical Engineering-Applied Mechanics) , Mustansiriyah University, 2002
- B.Sc (Mechanical Engineering), Mustansiriyah University, 1996

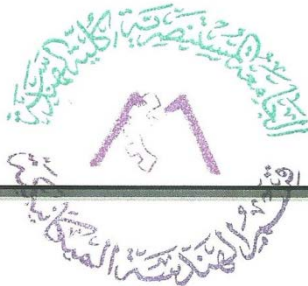
ACADEMIC HONORS AND AWARDS:

- Get a number of thankful documents and appreciation from the president of Mustansiriyah University and Engineering Faculty Dean.
- Silver Medal in the Invention, Research and Innovation Exhibition UPM (PRPi16), 2016
- Best paper in the Postgraduate symposium on biocomposite technology 2015 on 03 March, 2015

ACADEMIC /TEACHING EXPERIENCE:

- Twenty years' experience in teaching and supervising undergraduate projects.
- Lecturer Doctor in the Mechanical Engineering Department, June 2017 so far
- Lecturer in the Materials engineering Department, June 2010- June 2017
- Assist Lecturer in the Materials engineering Department, June 2002- June 2010
- Engineer at the Mechanical Engineering Department, July 1997-June 2002
- A reviewer in many international journals.
- Chairman of Development committee for distinguished student projects in the engineering faculty.
- Chairman and members of different administrative and technical committees in the college of engineering.

Participating in many conferences, colloquiums, symposiums and workshops in locally and internationally.



COURSES TAUGHT:

Undergraduate

Mechanical drawing I
Mechanical drawing II
Strength Of material
Soil mechanic
Engineering mechanics static and dynamic
Internal combustion engine (Lab)
Graduated projects

PROFESSIONAL AFFILIATIONS:

- Member of the review committee in many international journals.
- President of the development committee for distinguished student projects in the engineering faculty.
- Member of Iraqi Engineers association.
- Member of Iraqi teacher union.

PUBLICATIONS:

- Suhad D. Salman, Z. Leman, M.T.H. Sultan, M. R. Ishak and F. Cardona. (2015). "Physical, Mechanical, and Morphological Properties of Woven Kenaf/Polymer Composites Produced Using a Vacuum Infusion Technique." International Journal of Polymer Science, 2015(Article ID 894565): 10. DOI: 10.1155/2015/894565.
- Suhad D. Salman, Z. Leman, M.T.H. Sultan, M. R. Ishak and F. Cardona. (2015). "Kenaf/synthetic and kevlar®/cellulosic fiber-reinforced hybrid composites: A review." BioResources, 10(4): 8580-8603. DOI: 10.15376/biores.10.4.SalmanEtc.
- Suhad D. Salman, Z. Leman, M.T.H. Sultan, M. R. Ishak and F. Cardona. (2015). "The Effects of Orientation on the Mechanical and Morphological Properties of Woven Kenaf-reinforced Poly Vinyl Butyral Film." BioResources, 11(1): 1176-1188. DOI: 10.15376/biores.11.1.1176-1188.
- Suhad D. Salman, Z. Leman, M.T.H. Sultan, M. R. Ishak and F. Cardona. (2016). "Influence of Fiber Content on Mechanical and Morphological Properties of Woven Kenaf Reinforced PVB Film Produced Using a Hot Press Technique." International Journal of Polymer Science, 2016(Article ID 7828451): 11. DOI: 10.1155/2016/7828451.
- Suhad D. Salman, Z. Leman, M.T.H. Sultan, M. R. Ishak and F. Cardona. (2016). "Ballistic Impact Resistance of Plain Woven Kenaf/Aramid Reinforced Polyvinyl Butyral Laminated Hybrid Composite." BioResources, 11(3): 7282-7295. DOI: 10.15376/biores.11.3.7282-7295.
- Suhad D. Salman, Z. Leman, M.T.H. Sultan, M. R. Ishak and F. Cardona. (2016). "Effect of kenaf fibers on trauma penetration depth and ballistic impact resistance for laminated composites." Textile Research Journal. DOI: 10.1177/0040517516663155.
- Suhad D. Salman, Z. Leman, M. R. Ishak, M.T.H. Sultan and F. Cardona. "Quasi-static penetration behavior of plain woven kenaf/aramid reinforced polyvinyl butyral hybrid laminates." Journal of Industrial Textiles, DOI: 10.1177/1528083717692593.

- Mohaiman J. Sharba, Suhad D. Salman, Z. Leman, M. T. H. Sultan, M. R. Ishak and M. A. A. Hanim. (2015). "Effects of Processing Method, Moisture Content, and Resin System on Physical and Mechanical Properties of Woven Kenaf Plant Fiber Composites." *BioResources*, 11(1): 1466-1476. DOI: 10.15376/biores.11.1.1466-1476.
- Suhad D. Salman, Mohaiman J. Sharb, Z. Leman, M. T. H. Sultan, M. R. Ishak and F. Cardona. (2016). Tension-Compression Fatigue Behavior of Plain Woven Kenaf/Kevlar Hybrid Composites." *BioResources*, 11(2): 3575-3586. DOI: 10.15376/biores.11.2.3575-3586.
- Suhad D. Salman, Z. Leman, M.T.H. Sultan, M. R. Ishak and F. Cardona. (2015). "Influence of resin system on the energy absorption capability and morphological properties of plain woven kenaf composites." In: *IOP Conference Series: Materials Science and Engineering*, (pp. 012053).
- Suhad D. Salman, Z. Leman, M.T.H. Sultan and F. Cardona. (2014). Salman, S. D., Leman, Z., Sultan, M. T. H., & Cardona, F. (2016). "The Effect of Stacking Sequence on Tensile Properties of Hybrid Composite Materials. *Malaysian Journal of Civil Engineering*, 28(Special Issue 1): 10 - 17.
- Suhad D. Salman, W.S. Wan Hassim and Z. Leman. (2015). "Experimental Comparison between Two Types of Hybrid Composite Materials in Compression Test." *Manufacturing Science and Technology*, 3(4): 119 - 123.
- Sabah Kh, Hussein., Suhad D. Salman, and Kadhim, K. Resan. (2010). "Measuring the Residual Stress by Using New Experimental Methods Depend on the Stress Concentration." *Journal of College of Education* (3), 210-221.
- Suhad D. Salman. (2013). "Experimental Measurements of the Mechanical Behavior of the Composite Materials and Hybrid Materials Subject to Tensile Test." *Journal of Engineering and Development*, 17(1).
- Suhad D. Salman. (2010). "Supporting of Concrete bridge Damage by using Composite Materials." *Journal of Engineering and Development*, 14(2), 97-109.
- Suhad D. Salman, Z. Leman, M.T.H. Sultan, M. R. Ishak and F. Cardona (2015). Mechanical and Morphological Properties of 45o/-45o Woven Kenaf Reinforced PVB-Phenolic Resin Produced Using a Hot Press Technique. In: *Malaysia Polymer International Conference 2015 (MPIC 2015) 10-11 June 2015, Palm Garden Hotel, IOI Resort, Putrajaya, Kuala Lumpur, Malaysia*.
- Suhad D. Salman, Z. Leman. (2014). Hybrid Fibre Reinforced Composite for Use in Military Helmet. *The Postgraduate Symposium on Composites Science and Technology 2014 & 4TH Postgraduate Seminar on Natural Fibre Composites*.
- Suhad D. Salman, Z. Leman, M.T.H. Sultan, M. R. Ishak and F. Cardona. "Mechanical properties of woven kenaf reinforced Phenolic resin produced using a hot press technique." *Postgraduate symposium on biocomposite technology 2015 on 03 March 2015*.

PROFESSIONAL DEVELOPMENT

- Attend many local and international conferences.
- Attend many local and international workshops.