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✓ **International Journal**

1. Murugan R., Muthukumar V., Pradeepkumar K., Muthukumaran A., Rajesh V. (2020) Influence of Fiber Orientation on Mechanical Properties and Free Vibration Characteristics of Glass/Hemp Hybrid Composite Laminates. In Trends in Mechanical and Biomedical Design, Lecture Notes in Mechanical Engineering. Springer, Singapore. https://doi.org/10.1007/978-981-15-4488-0_74 ISSN: 21954364 (**Scopus Indexed**)
2. Murugan R., Ramesh R., Padmanabhan K, 2019, “*Influence of Stacking Sequence on Mechanical Properties and Vibration Characteristics of Glass/Carbon Hybrid Plates with Different Fabric Areal Densities*”, in Structural Integrity Assessment. Lecture Notes in Mechanical Engineering. Springer, Singapore pp. 87-87. DOI: https://doi.org/10.1007/978-981-13-8767-8_7 ISSN: 21954364 (**Scopus Indexed**)
3. R. Murugan, N. Nithyanandan, V. Sathya, 2019, “*Influence of Stacking Sequence on Mechanical Properties and Free Vibration Characteristics of Flax/Sisal Hybrid Composite Beams*” in Advances in Materials and Metallurgy, Lecture Notes in mechanical Engineering, Springer Nature Singapore Pte Ltd, pp 171-183, DOI: https://doi.org/10.1007/978-981-13-1780-4_18 ISSN: 21954364 (**Scopus Indexed**)
4. Sai Naga Sri Harsha, Padmanabhan.K, Murugan R., “Vibrational properties of a glass fabric/Cashew nut shell liquid resin composite”, A book chapter in the book Polymeric and nanostructures materials’ edited by Sabu Thomas et . al. CRC Press, Apple Academic Press, 2018: 49.
5. R. Murugan, V. Manickam, P. Milton and G. Gnanakumar, 2018, “*Study on Effect of Machining Parameters in End Milling of AL6063 using Taguchi Method*”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN (P): 2249-6890; ISSN (E): 2249-8001 (P) 22496890Vol. 8, Special Issue 8, Aug 2018, 267-272. (**Scopus Indexed**)
6. R. Murugan, R. Lakshmi Narasimhan, A. Harish, 2018, *Effect of Fiber Orientation on Effective Stacking Sequence of Glass/Carbon Hybrid Composite Laminates for Structural Applications*, Advances in Engineering Research (AER), Atlantis Press, volume 142, pp.204-209.

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9. Ram P. Chennuri, Ramya M, Ravi T Deekonda, Venkataramana K Reddy, Padmanabhan Krishnan, Murugan R, 2015, “*Dynamic Analysis of Sandwich Composites*”, International Journal of Applied Engineering Research, Vol. 10 No.71 pp 485-488, ISSN: 0973-4562. **(Scopus Indexed)**
10. Murugan, R, Ramesh, R & Padmanabhan, K 2014, ‘*Investigation on static and dynamic mechanical properties of epoxy based woven fabric glass/carbon hybrid composite laminates*’ Procedia Engineering, vol. 97, pp. 459-468, ISSN: 1877-7058. **(Scopus Indexed)**
11. Murugan, R, Ramesh, R & Padmanabhan, K 2014, ‘*Investigation on vibration behaviour of cantilever type glass/carbon hybrid composite beams at higher frequency range using finite element method*’, Advanced Materials Research, vols. 984-985 (2014) pp. 257-265, ISSN : 1022-6680. **(Scopus Indexed)**
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13. R. Murugan, R. Ramesh, K. Padmanabhan, R. Jeyaraam, S. Krishna, 2014, ”*Experimental Investigation on Static Mechanical Properties of Glass/Carbon Hybrid Woven Fabric Composite Laminates*” in Advanced Materials Research Vol. 903 (2014) pp 96-101, Trans Tech Publications, Switzerland. ISSN : 1022-6680. **(Scopus Indexed)**
14. Harish Kumar R, Murugan R, Ramya M, Padmanabhan K, 2014, “*Fixed – Free Vibration Characteristics of Rigid Foam Glass/Epoxy Sandwich Composite Beams*”, International Journal of Structural Analysis & Design, Vol. 1 No.3. pp. 36-40, ISSN : 2372-4102.
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✓ **International/National Conferences**

1. R. Murugan, S. Daniel Mc Arthur, S. Abinesh, G. Bharath, K. Cibi Kumar and K. Padmanabhan, “*Experimental Investigation on Mechanical and Vibration Characteristics of Flax/CNSL Composite Laminates*”, presented in Virtual International Conference on Advances in Renewable and Sustainable Energy Systems (ICARSES 2020) organized by SRM Institute of Science and Technology, Kattankulathur Campus, Tamil Nadu during 3-5 December 2020.
2. R. Murugan, R. Ramesh, K. Raja Karthikeyan, B. Santhoshkumar, “*Effect of Cyclic Loading on Free Vibration Characteristics of Glass/Jute Hybrid Composite Beams*”, presented in the AICTE sponsored International Conference on Smart Materials & Emerging Technologies for Industry 4.0 (SMETI 2020) organised by Sri Venkateswara College of Engineering, Pennalur during 16-17 October, 2020
(Received Best Paper Award)
3. R. Murugan, G. Rupesh, Stephen Paul Samson, Paul Theophilus Rajakumar, “*Influence of Stacking Sequence on Mechanical and Wear Characteristics of Epoxy based Flax/Sisal Composite Laminates*”, presented in the AICTE sponsored International Conference on Smart Materials & Emerging Technologies for Industry 4.0 (SMETI 2020) organised by Sri Venkateswara College of Engineering, Pennalur during 16-17 October, 2020
4. R. Murugan, S. Daniel Mc Arthur, S. Abinesh, Dr N. Nithyanandan, G. Bharath, K. Cibi Kumar, “*Experimental Evaluation of Mechanical Properties of Flax/CNSL Composite Laminates*”, presented in AICTE Sponsored Fifth International Conference on Innovative & Emerging Trends In Engineering And Technology (ICIETET’20), held during 26/06/2020 and 27/06/2020 at Panimalar Institute of Technology, Chennai
5. R. Murugan, Prakash S., Sathishkumar S., G. Gnanakumar, Yogesh R., Sathishkumar S., “*Experimental Study On Effect Of Fabric Areal Density On Mechanical Properties Of Glass/Epoxy Laminates*”, presented in AICTE Sponsored Fifth International Conference on Innovative & Emerging Trends In Engineering And Technology (ICIETET’20), held during 26/06/2020 and 27/06/2020 at Panimalar Institute of Technology, Chennai
6. R. Murugan, Santhoshkumar B., R. Devanathan, K. Raja Karthikeyan, R. P. Shino Raj, E. Vibishnan, “*Effect Of Stacking Sequence On Mechanical Properties Of Glass/Jute/Epoxy Hybrid Composite Laminates*”, presented in AICTE Sponsored Fifth International Conference on Innovative & Emerging Trends In Engineering And Technology (ICIETET’20), held during 26/06/2020 and 27/06/2020 at Panimalar Institute of Technology, Chennai

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9. R. Murugan, K. Pravin Kumar, J. Prem Kumar, J.Rajan, V. Rajesh, "*Influence of Stacking Sequence on Impact Strength of Flax/Sisal Hybrid Composite Laminates*" presented in Fourth International conference on Innovative & Emerging Trends in Engineering and Technology (ICIETET'19) held at Panimalar Institute of technology, Chennai, India on 26th April 2019.
10. R. Murugan, R. Ramesh, K. Padmanabhan, "*Influence of Stacking Sequence on Mechanical Properties and Vibration Characteristics of Glass/Carbon Hybrid Plates with Different Fabric Areal Densities*" presented in International Conference on Structural Integrity (ICONS2018), held at Indian Institute of Madras, Chennai during December 14-17, 2018.
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11. R. Murugan, V. Manickam, P. Milton, G. Gnanakumar, "*Optimization of Machining Parameters in End Milling of Al6063 using Taguchi Method*" presented in International Conference on Automobile, Marine & Mechanical Engineering (ICAMME 2018) held at Sri Venkateswara College of Engineering, Sriperumbudur during 4th & 5th May 2018.
12. R. Murugan, P. Jinesh Karnavat, R. Lakshmi Narasimhan, N Nithyanandan, "*Design and Development of a Displacement Controlled Completely Reversed Bending Fatigue Test Rig for FRP Laminates*" presented in Third International conference on innovative & Emerging Trends in Engineering and Technology (ICIETET'17) held at Panimalar Institute of Technology, Chennai on 09th & 10th March 2018.
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13. R. Murugan, N. Nithyanandan, V. Sathya, "*Influence of Stacking Sequence on Mechanical Properties and Free Vibration Characteristics of Flax/Sisal Hybrid Composite Beams*" in International conference on Engineering Materials, Metallurgy and Manufacturing (ICEMM 2018) at SSN College of Engineering, Chennai during 15th & 16th February, 2018
14. R. Murugan, R. Lakshmi Narasimhan, and A. Harish, "*Effect of Fiber Orientation on Effective Stacking Sequence of Glass/Carbon Hybrid Composite Laminates for Structural Applications*" in International Conference for Phoenixes on Emerging Current trends in

Engineering and Management (PECTEAM 2K18) at Panimalar Engineering College, Chennai during 9th & 10th February, 2018

15. R. Murugan, P. Kaushik, and P. Jinesh Karnavat, “Influence of Fiber Orientation on the Effective Layering Arrangement of Glass/Carbon Hybrid Composite Laminates for Structural Applications”, presented in the International Conference on Composite Materials and Structures (ICCMS 2017) held at Indian Institute of Technology, Hyderabad during 27th - 29th December 2017.
16. R. Murugan, J. Krishna Priya, C. Shangavi , V. Sathya, “*Effect of Layering Arrangement on Mechanical Properties and Free Vibration Characteristics of Flax/Sisal Hybrid Composite Beams*” presented in Second International conference on innovative & Emerging Trends in Engineering and Technology (ICIETET’17) held at Panimalar Institute of Technology, Chennai on 15th May 2017
17. R. Murugan, S. Surendar Babu, G. Godwin Rajkumar, G. Gnanakumar, “*Influence of Machining Parameters on Turning of Mild Steel with HSS and Tungsten Carbide Tools using Taguchi Method*” presented in International Conference on Recent Advances in Mechanical Engineering (ICRAMEK’17) held at Govt. College of Engineering, Salem during 2nd & 3rd March 2017
18. R. Murugan, R. Ramesh, K. Padmanabhan, “*Experimental Study on Fatigue-Vibration Interactions of Cyclically Loaded FRP Composite Cantilever Beams made of Glass/Carbon Layered Arrangements*” presented at First Structural Integrity Conference and Exhibition (SICE-2016), Bangalore, July 4-6, 2016
19. S. Shatheesh kumar, R.Ramesh, R.Murugan, "*Experimental Investigation on Cyclic Loading Effects in Free Vibration Responses of Flax and Jute Fiber - Epoxy Based Thin Walled Composite Beams*" Presented at National Conference on Advances in Material Characterisation (NCAMC - 2016) , PSG Tech, Coimbatore on May 20, 2016
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