

Name : Dr.R.Soundararajan

Email and contact number : soundararajan.mtech@gmail.com, 98945-34879

Correspondence address : 39 Vanjima Nagar, Periyanaicken palayam,
Coimbatore -641020, Tamilnadu, India.

Institution : Professor – Mechanical Engineering Department,
Sri Krishna College of Engineering and Technology,
Coimbatore, Tamil Nadu, India.

International Journal Publications

1. **R.Soundararajan**, S.Sivasankaran, Babu Narayanan, G.Prithiviraj and Adithya, "Appraisal of tribological properties of A356 with 20% SiC composites under dry sliding condition", Journal of the Brazilian Society of Mechanical Sciences and Engineering, 42 (147), pp: 1-12, 2020. Doi: <https://doi.org/10.1007/s40430-020-2231-8>
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3. BoobeshNathana V, **Soundararajan R**, Brainard Abraham C and FaizurRahman.A, "Evaluation on mechanical and metallurgical properties on Aluminium hybrid metal matrix composites", Materials Today Proceedings, 18 (2019), pp: 2520–2529, 2019. Doi: <https://doi.org/10.1016/j.matpr.2019.07.109>
4. **Soundararajan R**, Jayasuriya N, Girish Vishnu R G, Guru Prasad B and Pradeep C, "Appraisal of mechanical and tribological behaviour of PA6-TiO₂ composites through fused deposition modelling", Materials Today Proceedings,18(2019), pp: 2394–2402, 2019. Doi: <https://doi.org/10.1016/j.matpr.2019.07.084>
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8. **Soundararajan R**, Hari Nishok R, Suguna T, Aravind Kumar V and Dharshan Karthick S, "Analogy of Thermal Properties of Polyamide 6 Reinforced with Glass Fiber and Glass Beads through FDM Process", SAE Technical Paper, 28(0137), pp: 6 Pages, 2019. Doi: <https://doi.org/10.4271/2019-28-0137>
9. **Soundararajan R**, Sathishkumar K, Girish Vishnu R G and Jayasuriya N, "Modeling and Analysis of Helical and Wave Spring Behavior for Automobile Suspension", SAE Technical Paper, 28(0130), pp: 11 Pages, 2019. Doi: <https://doi.org/10.4271/2019-28-0130>
10. **Soundararajan R**, Sathishkumar K, Karthik S and AshokVardhan P, "Design and Analysis of Hybrid Metal Matrix Composite Connecting Rod via Stir/Squeeze Casting Route", SAE Technical Paper, 28(0113), pp: 15 Pages, 2019. Doi: <https://doi.org/10.4271/2019-28-0113>
11. **Soundararajan R**, Janarthanan P, Dinu M and Vignesh N, "Appraisal of Tribo Meter Study on 20MnCr5 Alloy Steel under Case Hardened and Shot Peened Condition", SAE Technical Paper, 28(0098), pp: 7 Pages, 2019. Doi: <https://doi.org/10.4271/2019-28-0098>
12. **Soundararajan R**, Shri Vignesh R, Ramprakash M P and Saravanakumar R, "Critical Wear Assessment of AA8011/Hybrid Metal Matrix Composites with Surface Amendment Using Friction Stir Process", SAE Technical Paper, 28(0096), pp: 7 Pages, 2019. Doi: <https://doi.org/10.4271/2019-28-0096>
13. **Soundararajan R**, Ajith R, Arunpragash M S and Ashwanth Pranav S, "Amelioration of Modular Mobility by Adopting Split Cell Solar Panel Cleaning and Cooling Thereof", SAE Technical Paper, 28(0078), pp: 7 Pages, 2019. Doi: <https://doi.org/10.4271/2019-28-0078>
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15. Sathishkumar Kj, **Soundararajan R**, Sathishkumar A and Shanthosh G, "Investigation of Dry Sliding Wear Behavior of AA8011 Reinforced with Zirconium Oxide and Aluminium Oxide Hybrid Composites Processed through Multi-Direction Forging", SAE Technical Paper, 28(0057), pp: 7 Pages, 2019. Doi: <https://doi.org/10.4271/2019-28-0057>
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17. Sathish kumar P, Ramesh A and **Soundararajan R**, "Investigation on physical and mechanical behaviour of A356 – x wt. % SiC/Gr hybrid composites", Metalurgija, 59(1), pp: 31-34, 2019.
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24. **R. Soundararajan**, S. Karthik, P. Ashoka varthanan, A. Achithdevanand, M. Venkat Balaji, P. Sharath nandha and S. Sivaraman, “Automotive Brake Pad by using functionally graded Hybrid Composites and their behaviour”, International Journal of Mechanical Engineering and Technology, 9(9), pp: 318-328, 2018.
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Web links

1. **Google Scholar:** <https://scholar.google.co.in/citations?user=hs-GppYAAAAJ&hl=en>
2. **Research Gate:** https://www.researchgate.net/profile/Soundararajan_r
3. **ORCID ID:** <https://orcid.org/0000-0001-7564-8037>
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