

Publications List of **Dr. K Lenin (Anna University)** in the last 5 years

1. **Dr.K Lenin** (2014), "Joining of Nylon 6 plate by friction stir welding process using threaded pin profile" *Materials & Design*, 53, 302-307.
2. **Dr.K Lenin** (2013), "Effects and defects of the polypropylene plate for different parameters in friction stir welding process" *Taper* 40, 1500.
3. **Dr.K Lenin** (2012), "Investigation on effect of tool forces and joint defects during FSW of polypropylene plate" *Procedia engineering* 38, 3927-3940.
4. **Dr.K Lenin** (2014), "Parametric Optimization of Gas Tungsten Arc Welding Processes by Using Factorial Design Approach" *NISCAIR-CSIR, India*.
5. **Dr.K Lenin** (2015), "Parameters optimization in FSW of polypropylene based on RSM" *Multidiscipline Modeling in Materials and Structures* 11 (1), 32-42
6. **Dr.K Lenin** (2014), "Process parameters optimization for friction stir welding of Polypropylene material using Taguchi's approach" *NISCAIRCSIR, India*
7. **Dr.K Lenin** (2013), "Study on hardness and micro structural characterization of the friction stir welded Nylon 6 plate" *International Journal Mechanical Engineering* 2, 51-62
8. **Dr.K Lenin** (2017), "Assessing the influence of hand-arm posture on mechanical responses of the human hand during drilling operation" *The International Journal of Advanced Manufacturing Technology* 93 (1-4), 375-384
9. **Dr.K Lenin** (2018), "Performance Investigation Of Process Parameters In EDM For Inconel 600 Using Taguchi-Grey Relational Analysis" *International Journal of Applied Engineering Research* 11 (3), 656- 661
10. **Dr.K Lenin** (2017), "Measurement Of Vibration In Human Hand Fingers By Coated Leather Material Over The Handle Of Impact Drill During Hand Drilling Operation" *Advances In Natural And Applied Sciences* 11 (7), 687-695.
11. **Dr.K Lenin** (2017), "Ergonomic Effect Of Coating Material Over The Handle Of A Portable Drill On Human Hand During Drilling Operation" *Advances In Natural And Applied Sciences* 11 (7), 681-686.
12. **Dr.K Lenin** (2017), "Selection of optimum parameters and electrode for machining of AL2017 alloy by machining in electrical discharge machining" *Advances in Natural and Applied Sciences* 11 (7), 738-743.
13. **Dr.K Lenin** (2017), "Effect of Friction Stir Welding on microstructural and mechanical properties of copper alloy" *Advances in Natural and Applied Sciences* 11 (4), 484-493.
14. **Dr.K Lenin**, (2017), "Process Parameters Optimization of Friction Stir Welding in Aluminium Alloy 6063-T6 by Taguchi Method" *Applied Mechanics & Materials* 867.
15. **Dr. K Lenin** (2017), "Robust improvement using ITSMC for a multivariable process" *Advances in Natural and Applied Sciences* 10 (7 SE), 56-69
16. **Dr. K Lenin** (2017), "Ergonomics in poor hand tools design and musculoskeletal disorders of workers during various working environment" *Advances in Natural and Applied Sciences* 10 (7 SE), 284-293