Panel Member's 5 year Publication details - PRDC

Members from other University / Institutions

Member 1

Dr. LEO DEV WINS K.
Professor,
School of Mechanical Engineering,
Karunya Institute of Technology and Sciences,
(Deemed to be University),
Karunya Nagar,
Coimbatore - 641 114,

1. DS Ebenezer Jacob Dhas, C Velmurugan, **K Leo Dev Wins**, KP BoopathiRaja " Effect of tungsten carbide, silicon carbide and graphite particulates on the mechanical and microstructural characteristics of AA 5052 hybrid composites." Ceramics International, Volume 45, Issue 1, January 2019, Pages 614-621.
2. DS Ebenezer Jacob Dhas, C Velmurugan, **K Leo Dev Wins** "Investigations on the Effect of Tungsten Carbide and Graphite Reinforcements during Spark Erosion Machining of Aluminium Alloy (AA 5052) Hybrid Composite" Silicon, Volume 10, pages 2769–2781(2018).
3. Anil Raj, **K Leo Dev Wins**, AS Varadarajan "Evaluation of the performance during hard turning of OHNS steel with minimal cutting fluid application and its comparison with minimum quantity lubrication" IOP Conference Series: Materials Science and Engineering, Volume 149, Issue 1, Pages 012 – 021(2016).
4. Anil Raj, **K Leo Dev Wins**, AS Varadarajan "Comparison of surface roughness and chip characteristics obtained under different modes of lubrication during hard turning of AISI H13 tool work steel." Materials Science and Engineering ,Volume 149, Issue 1 ,Pages 012 – 017 (2016).

5. R Anil Raj, M Dev Anand, **K Leo Dev Wins**, AS Varadarajan "ANFIS based model for surface roughness prediction for hard turning with minimal cutting fluid application" Indian Journal of science and technology, Volume 9, Issue 13, 2016.

6. Anil Raj, **K Leo Dev Wins**, M Dev Anand, AS Varadarajan "Performance Evaluation of Vegetable Oil based Cutting Fluid during Hard Turning of AISI 4340 Steel with Minimal Cutting Fluid Application" Indian Journal of science and technology, Volume 9, Issue 13(2016).
7. S Rajesh Ruban, **K Leo Dev Wins**, J David Raja Selvam, A Arun Richard " Effects of Dual-Phase Reinforcement Particles (Fly Ash + Al2O3) on the Wear and Tensile Properties of the AA 7075 Al Alloy Based Composites " International Journal of Vehicle Structures & Systems, Volume 8, Issue 2, Pages 108 (2016).

8. Vipin Gopan, **K Leo Dev Wins** " Quantitative Analysis of Grinding Wheel Loading Using Image Processing " Procedia Technology, Volume 25, Pages 885-891(2016).