

## LIST OF PUBLICATIONS IN THE LAST 5 YEARS as on 08.01.2021

SL. #	AUTHOR NAME	TITLE OF THE ARTICLE	PUBLICATION	JOURNAL NAME	PAGE #
1	V.C.Sethuramalingam, S. Prabakaran K. Ganesan	Studies on influence of silica filler and rice husk ash on the mechanical properties of vulcanized hybrid rubber composite	27.07.2020	Materials Today: Proceedings	
2	Manikandan.M, Prabakaran.S, Sivaram.N.M, Milon Selvam Dennison	The Effects of Cylindrical Grinding Factors in the Production of Grinding Spindle using Hardened EN353 Steel	Volume-8 Issue-4, November 2019	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878,	10640 - 10649
3	Manikandan.M, Prabakaran.S, Sivaram.N.M, Milon Selvam Dennison	Producing Optimum Quality Grinding Spindle Using Hardened AISI 4340 Steel through a Cylindrical Grinding Process	Volume-9 Issue-2, December 2019	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075,	447 - 454
4	Manikandan.M, Prabakaran.S, Sivaram.N.M, Milon Selvam Dennison	A REVIEW ON EFFECT OF DRESSING AND GRINDING FLUID IN CYLINDRICAL TRAVERSE ROUGH AND FINISH CUT GRINDING PROCESSES	Vol. No. 10 , No.2, February - April 2020	i-manager 's Journal on Mechanical Engineering,	35-46
5	Manikandan.M, Prabakaran.S, Sivaram.N.M, Milon Selvam Dennison	A STUDY ON OPTIMIZA TION OF MACHINING PARAMETERS IN CYLINDRICAL TRAVERSE ROUGH AND FINISH CUT GRINDING PROCESSES	Vol. No. 10 , No.1, November 2019 - January 2020	i-manager 's Journal on Mechanical Engineering,	51-65
6	Manikandan.M, Prabakaran.S,	The outcome of control factors on surface quality on cylindrical grinding of 36CrNiMo4 grade steel alloy	08.07.2020	Materials Today: Proceedings	
7	Manikandan.M, Prabakaran.S,	Investigations on producing optimal grinding spindle using 36CrNiMo4 alloy steel	08.07.2020	Materials Today: Proceedings	
8	K. Anganan., S. Prabakaran, M.Muthukrishnan	An Experimental Study and Analysis of Microstructures and Micro Hardness in AA7075-T6 and A384.0-T6 Friction Stir Welded Butt Joint Aluminium Alloys	Vol. 9, No. 6, 2017	Jour of Adv Research in Dynamical & Control Systems,	126-133
9	K. Anganan., S. Prabakaran, M.Muthukrishnan	Experimental Study and Analysis of Bending Strength for Dissimilar Friction Stir Welded AA7075-T6 and A384.0-T6 Aluminium Alloys of Butt Joint	Vol. 9, No. 6, 2017	Jour of Adv Research in Dynamical & Control Systems,	134 - 138
10	K. Anganan., S. Prabakaran, M.Muthukrishnan	Corrosion Behaviour Analysis of Friction Stir Welded AA7075-T6 and A384.0-T6 Aluminium Alloys in Butt Joint	Vol. 9, No. 8, 2017	Jour of Adv Research in Dynamical & Control Systems,	203 - 207
11	K. Anganan., S. Prabakaran, M.Muthukrishnan	An experimental analysis and optimisation of process parameters on friction stir welding of AA7075-T6 and	ICAET 2017	JOURNALOF MINES, METALS & FUELS	33 - 39

		A384.0-T6 aluminium alloy using Response Surface Methodology			
12	K. Anganan,, S. Prabakaran, M.Muthukrishnan	EXPERIMENTAL STUDY AND ANALYSIS OF THE WEAR PROPERTIES OF FRICTION-STIR-WELDED AA7075-T6 AND A384.0-T6 DISSIMILAR ALUMINIUM ALLOYS OF BUTT JOINTS	Volume 52, issue 2, 2018	Materiali in tehnologije / Materials and technology	201 - 205
13	K. Anganan,, S. Prabakaran, M.Muthukrishnan	Low Cycle Fatigue Strength analysis of AA7075-T6 and A384.0-T6 Friction Stir welded Aluminium alloys of Butt welded Joint	Volume 13, issue 9, 2018	Journal of Engineering and Applied Sciences	2514 - 2517
14	K. B. Gavali, Anand Bewoor,, Debabrata Barik, and Prabakaran S	Performance Enhancement in Job Shop Scheduling with the Aid of Hybrid Social Spider Optimization and Gray Wolf Optimization	Volume 12, Issue 21, 2017	International Journal of Applied Engineering Research	10530-10540
15	M. H. Faisal and S. Prabakaran	Investigation on Mechanical and Wear Properties of Aluminium Based Metal Matrix Composite Reinforced with B <sub>4</sub> C, Gr and Fly Ash	Lecture Notes on Multidisciplinary Industrial Engg, 2017	part of Springer Nature 2018, Advanced Manufacturing and Materials Science,	379 - 385
16	M. H. Faisal, S. Prabakaran and T.S.Vishnu	Fabrication and Micro Structural Analysis of LM13/B <sub>4</sub> C/Gr Hybrid Metal Matrix Composite	Volume 9, Issue 5, 2017	Jour. of Adv Research in Dynamical & Control Systems,	185 - 189
17	M. H. Faisal, S. Prabakaran and T.S.Vishnu	Comparison of Mechanical and wearing properties between LM13 matrix and Stir cast LM13/B <sub>4</sub> C/Gr hybrid composites of various composition	Volume 7, Issue 1.1, 2018	International Journal of Engineering & Technology	193 - 198
18	M. H. Faisal and S. Prabakaran	Micro structural and static structural analysis of LM6/B <sub>4</sub> C and LM6/B <sub>4</sub> C/GR hybrid Al. metal matrix composites	Volume 7, Issue 1.1, 2018	International Journal of Engineering & Technology	37-42
19	K.T.Vinod and S.Prabakaran	Ranking of Scheduling Rules Using Topsis Method for a Dynamic Job Shop with Sequence Dependent Setup Time.	Volume 9, Issue No. 5, 2017	Jour of Adv Research in Dynamical & Control Systems,	190 - 197
20	K.T.Vinod , S. Prabakaran and O.A.Joseph.	Dynamic due date assignment method: A simulation study in a job shop with sequence-dependent setups.	Emerald Insight 2017	Journal of Manufacturing Technology Management	
21	K.T.Vinod , S. Prabakaran and O.A.Joseph	Simulation modeling and analysis of job release policies in scheduling an agile job shop with process sequence dependent setting time	Volume 7, Issue #.2018) 177-18	International Journal of Engineering & Technology	177 - 183
22	K.T.Vinod , S. Prabakaran and R.Sridharan	Simulation Modeling and Analysis of Job scheduling and Release Policies using Work in Process limit in an Agile Job Shop	Volume 2, 2018	Research Journal of Science and Engineering Systems	59 - 80

23	C.Thiruvvasagam, S.Prabakaran and P.Suresh	Study of the mechanical performance and analysis of hybrid natural snake grass-jute-glass fiber strengthened polyester composite	Volume 7, Issue 1.1, 2018	International Journal of Engineering & Technology	78-83
24	C.Thiruvvasagam, S.Prabakaran and P.Suresh	Investigation of mechanical behaviour of natural composites (snake grass and elephant grass) with poly lactic acid	Volume 7, Issue 1.1, 2018	International Journal of Engineering & Technology	158 - 166
25	C.Thiruvvasagam, S.Prabakaran and P.Suresh	MECHANICAL CHARACTERIZATION AND MICROSTRUCTURAL ANALYSIS OF SNAKE GRASS WITH REINFORCED POLY LACTIC COMPOSITES	Volume 9, Issue 5, May 2018,	International Journal of Mechanical Engineering and Technology (IJMET)	849 - 858
26	C.Thiruvvasagam, S.Prabakaran and P.Suresh	MECHANICAL PROPERTIES OF SNAKE GRASS WITH SISAL FIBER REINFORCED PLA COMPOSITES	Vol. 8, Issue 4, Aug 2018,	International Journal of Mechanical & Production Engg. Research and Development	15 - 28
27	M.Yogesh and S.Prabakaran	A Rational Approach of Lean Tool Implementation to SME - A Case Study	Volume 9, Issue 1, December 2016	Indian Journal of Science and Technology.	01 - 08
28	M.Yogesh and S.Prabakaran	Study on Implementation of Lean Manufacturing Tools and Techniques	Volume 11, Issue 5, 2016	International Journal of Applied Engineering	3289 - 3293
29	M.Yogesh and S.Prabakaran	Measures for Enhancing Productivity and Efficiency of Small and Medium Scale Industry by Lean Implementation	Volume 10, Issue 8, February 2017	Indian Journal of Science and Technology,	01 - 05