

K S INSTITUTE OF TECHNOLOGY BANGALORE MECHANICAL ENGINEERING DEPARTMENT

LIST OF RESEARCH PUBLICATIONS

ACADEMIC VEAD 2010 20

ACADEMIC YEAR 2019-20					
Details of research publications https://drive.google.com/drive/folders/1BfZhsa2SRSsI_movUL13_18R2oLkYfi6?usp=sharing					
Journal publications					
SI. No	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor: Indexed in SCI/Scopus/UGC, No. of Citations		
1	Dr. B.S. Ajaykumar	Effect of deep cryo treatment on hardness and tensile strength of Al 6061- SiC composites	International journal of applied Engineering Research, Vol.14, pp-3335-3339,2019 Source: UGC Approved Journal - 2017 (Journal No 64529) https://www.ripublication.com/ijaer19/ijaerv14n15_04.pdf (https://www.ripublication.com/ijaer19/ijaerv14n15_04.pdf)		
2	Dr. Girish. T.R	Effect of deep cryo treatment on hardness and tensile strength of Al6061- SiC composites	International journal of applied Engineering Research, Vol.14, pp-3335-3339,2019 Source: UGC Approved Journal - 2017 (Journal No 64529) http://ripublication.com/ijaer19/ijaerv14n14_25.pdf (http://ripublication.com/ijaer19/ijaerv14n14_25.pdf)		
3	Dr. B.S. Ajaykumar	Effect on Mechanical and Structural Properties of Rolled Aluminium Alloy 6082 by Using Friction Stir Processing with Silicon Carbide as Particulate Matter	International Journal of Applied Engineering Research. ISSN: 0973-4562 Vol.14, issue 14, pp. 3301-3303,2019 Source: UGC Approved Journal - 2017 (Journal No 64529) (http://ripublication.com/ijaer19/ijaerv14n14_25.pdf)		
4	Mr. Nagaprasad .K.S	Effect on Mechanical and Structural Properties of Rolled Aluminium Alloy 6082 by Using Friction Stir Processing with Silicon Carbide as Particulate Matter	International Journal of Applied Engineering Research Vol.14, issue 14, pp. 3301-3303,2019 Source: UGC Approved Journal - 2017 (Journal No. – 64529) http://ripublication.com/ijaer19/ijaerv14n14_25.pdf (http://ripublication.com/ijaer19/ijaerv14n14_25.pdf)		
5	Mr. Nagaprasad .K.S	Pre- and post-combustion emission reduction techniques for engine fuelled with diesel/DEE blends by three approaches	Taylor &Francis, pp-1-18,2019Journal energy resources, part-AScopus indexed. Impact factor- 0.894https://www.researchgate.net/publication/335831824_Preand_post-combustion_emission_reduction_techniques_for_engine_fuelled_with_dieselDEE_blends_by_three		

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(https://www.researchgate.net/publication/335831824_Pre-

ed_with_dieselDEE_blends_by_three)

combustion_emission_reduction_techniques_for_engine_fuell

International Journal of New Innovations in Engineering and

Wear

characteristics

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Mr.K.V.Manjunath

		Polymer Hybrid	Technology, Vol. 13 Issue 4, 2020
		Composites manufactured	UGC Approved journal-47645, impact factor-4.012
		by Hand layup and	http://www.ijniet.org/wp-content/uploads/2020/03/21.pdf
		Vacuum bagging technique	(http://www.ijniet.org/wp-content/uploads/2020/03/21.pdf)
7	Mr.K.V.Maniunath	Comparative study of	International journal of Engineering Research & Technology,
		Mechanical properties of	Vol.8, Issue 10,pp.1-8,2019
		Hybrid composites using	https://www.ijert.org/research/comparative-study-of-
		Carbon Fiber with Jute and	mechanical-properties-of-hybrid-composites-using-carbon-
		Hemp.	fiber-with-jute-and-hemp-IJERTV8IS100251.pdf
			(https://www.ijert.org/research/comparative-study-of-
			mechanical-properties-of-hybrid-composites-using-carbon-
			fiber-with-jute-and-hemp-IJERTV8IS100251.pdf)
8	Mr.Anil kumar.A	Experimental and	Journal of Adv. Research in Dynamical & Control Systems,
		numerical investigations on	Vol.11, issue 08,pp.1592-1603,2019
		effect of radius of	Scopus indexed
		curvature on frequency	https://www.jardcs.org/abstract.php?id=2243
		response of open	(https://www.jardcs.org/abstract.php?id=2243)
		cylindrical shells subjected	
		to different boundary	
		conditions	
9	Mrs. N.Sreesudha	Investigation of	International Journal of New Innovations in Engineering and
		microstructural, tensil and	Technology, Vol. 13 Issue 3,2020
		hardness characteristics of	UGC Approved journal-47645, impact factor-4.012
		Aluminium 2024 alloy	http://www.ijniet.org/wp-content/uploads/2020/04/11.pdf
		based Metal Matrix	(http://www.ijniet.org/wp-content/uploads/2020/04/11.pdf)
		Composites	
10	Mr. Rajesh .G.L	Studies on Dry Sliding	Materials Today: Proceedings, Vol.16, issue 2, pp.343-
	5	Wear Characteristics of	350,2019
		Cermet WC-Co	Scopus indexed.
		Particulate Reinforced	https://www.sciencedirect.com/science/article/pii/S221478531
		Al7075 Metal Matrix	<u>9309459</u>
		Composite	(https://www.sciencedirect.com/science/article/pii/S22147853
			<u>19309459)</u>

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