

Research Publications by Faculty – CAY (2017-18)

Sl. No.	Name of the faculty	Title of paper published	Publication WITH ISSN/ISSB / DOI NUMBER			Year of publication	Citation
			National	international	Journal with vol number		
1	Dr K Narasimha murthy	Impact toughness behavior of cryogenic treated permanent molded austempered ductile iron		International conf on advances in mechanical engineering sciences Mandya.	ISBN 978-81-932966-3-9	Apr 2017	
2	Arjun S	Performance exhaust emission and combustion characteristics of titanium oxide coated variable compression ratio diesel engine fuelled with mixed milk scum of sun flower oil as biodiesel		IOP Conf. Series: Materials Science and Engineering	376 (2018) 012017	Apr 2017	
3	Arjun S	Design and Simulation of Integrated main landing gear attachments of an Aircraft	National Conference on Recent trends in Mechanical Engineering and Applied Sciences Bengaluru	International Journal of Innovative Research in Science, Engineering and Technology	ISSN 2347-6710	Jun 2018	
4	Arjun S	Fabrication and Development of 2S/4S Cultivation vehicle for agricultural Application	National Conference on Recent trends in Mechanical Engineering and Applied Sciences Bengaluru	International Journal of Innovative Research in Science, Engineering and Technology	ISSN 2347-6710 volume 7, Special issue 7,pg 167	Dec 2018	

5	Arjun S	COMPARATIVE STUDY OF AL-2%SI ALLOYS WITH THE ADDITION OF YTTRIUM OXIDE (Y2O3) FOR DIFFERENT PROCESS PARAMETERS USING FRICTION STIR WELDING TECHNIQUES		International Conference on Topical Transcends in Science, Technology and Management ICTTSTM- 2018,17th and 18th August, 2018,SVIT Bengaluru	E-ISSN: 2321-9637	Aug 2018	
6	Praveen Kumar K	A Study On Microstructure And Characterization Of Aluminum 7075 Metal Matrix Reinforced With Silicon Carbide Particles Using Stir Casting Method		International Journal of Research in Engineering and Technology	IJRET: vol 6 issue 12 ISSN: 2321-7308	Dec-2017	
7	Raghavendra M J	A Study On Microstructure And Characterization Of Aluminum 7075 Metal Matrix Reinforced With Silicon Carbide Particles Using Stir Casting Method		International Journal of Research in Engineering and Technology	IJRET: : vol 6 issue 12 ISSN: 2321-7308	Dec-2017	
8	Ravikumar T	Performance, Exhaust Emission - Combustion Characteristics of Titanium Oxide Coated Variable Compression Ratio Diesel Engine Fuelled with Mixed Milk Scum and Safflower Oil as Biodiesel		IOP Conference Series	doi:10.1088/1757-899X/376/1/012017	Feb 2017	
9	Ravikumar T	Design of Welding Fixtures for Boom Arm Assembly		International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE)	Vol 2, Issue 4, ISSN (Online) 2456-1290, PP.614-625.	Apr-17	

10	Vijaya B	Investigation of Mechanical properties of metal Matrix Composites Reinforced with Alumina, NIE, Mysore	International Symposium	International Symposium	24th & 25th March 2017	Mar 2017	
10	Ravichandra Koti	Performance, Exhaust Emission - Combustion Characteristics of Titanium Oxide Coated Variable Compression Ratio Diesel Engine Fuelled with Mixed Milk Scum and Sun flower Oil as Biodiesel		IOP Conference Series	doi:10.1088/1757-899X/376/1/012017	Feb 2017	

Research Publications by Faculty – CAY (2018-19)

Sl. No.	Name of the faculty	Title of paper published	Publication WITH ISSN/ISSB / DOI NUMBER			Month and Year of publication	citation
			National	international	Journal with vol number		
1	Arjun S	Design and Analysis of Loading Mechanism for a Bogie return Mechanism	National	International Journal of Engineering Research and General Science	volume 7, Issue 5, Pg 80 ISSN 2091-2730	Oct 2019	
2	Arjun S	Conversion of sound waves into electrical energy	National	International Journal of Engineering Research and General Science	ISSN 2091-2730	Oct 2019	
3	Thejas M S	Design & Fabrication of Shaft Drive System in Bicycle	National	International Journal of Management, Technology And Engineering	ISSN 2249-7455, Pg 24	May 2018	

4	Santhosh Gaidhankar	Generation of electricity by converting mechanical energy, using piezoelectric sensor and TEG	National Conference on Recent trends in Mechanical Engineering and Applied Sciences Bengaluru	International Journal of Management, Technology And Engineering	ISSN 2249-7455 Page no.19	Mar 2019	
5	Ravikumar T	Review on Indirect Evaporating Cooling system, using Maisotsenko Cycle	National Conference on Recent trends in Mechanical Engineering and Applied Sciences Bengaluru	International Journal of Management, Technology And Engineering	ISSN 2249-7455 Page no.36	Mar 2019	
6	Praveen Kumar K	Electric Power Generation Using Rack And Pinion Mechanism	National Conference On Science And Engineering	Journal of Emerging Technologies and Innovative Research	ISSN: 2349-5162	May 2019	
7	Dr Raghavendra.S,	Nano Composites Surface Coatings Using Electro Deposition Technique-A Review	International	International Journal of Research in Advent Technology	Special Issue, ICTTSTM-2018 Conference, SVIT,Bangalore August 2018, (IJRAT) ISSN : 2321-9637	Oct 2018	
8	Dr Raghavendra.S,	Nano Green Composites an Overview,	National Conference On Green Energy Environment And Sustainable Development. Presidency university,Bangalore	International Journal of Applied Engineering Research	Vol 13,2018,IJAER	Jan 2018	
10	Dr Seetha Girish AV	Nano Composites Surface Coatings Using Electro Deposition Technique-A Review	International journal of scientific review.		Issn 2279-543	Nov 2018	
11	Dr Raghavendra.S	Mechanical Properties of Hybrid Composites with Date Palm Fibre Reinforcement		Advances in Materials	Vol. 7, No. 3 : 78-81	Sep 2018	2

Research Publications by Faculty – CAY (2019-20)

Sl. No.	Name of the faculty	Title of paper published	Publication WITH ISSN/ISSB / DOI NUMBER			Year of publication	citation
			National	international	Journal with vol number		
1	Dr Raghavendra.S	Study And Characterization Of Aluminium 7075 Hybrid Composites Reinforced With B4c And Wc		International	vol6, issue 10, 2019, IRJET.	2019	
2	Dr Raghavendra.S	Evaluation of mechanical properties in date palm fronds polymer composites		International NIT suratkal	AIP doi.org/10.1063/1.5085592	2019	
3	Dr Raghavendra.S	Mechanical properties of sisal fiber reinforced starch based bio composites		International NIT suratkal	AIP doi.org/10.1063/1.5085590	2019	
4	Dr Raghavendra.S	Surface Modification of Banana Fiber and its Influence on Performance of Biodegradable Banana-Cassava Starch Composites		International Green trends in Mechanical Engineering.MCE Hassan,	Applied Mechanics and Materials ISSN: 1662-7482, Vol. 895, pp 15-20	2019	

5	Dr Ragahvendra.S	Characterization of Sisal Fiber-reinforced biodegradable Soy-Protein Composites		International IIT ROPAR	International Conference On Advancements And Futuristic Trends In Mechanical And Materials Engineering (December 5-7, 2019)	2019	
6	Dr Raghavendra S	Development and mechanical characterisation of Al-4.5%Cu alloy prepared using spark plasma sintered method		ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES https://doi.org/10.1080/2374068X.2020.1801251	Taylor & Francis	2020	
7	Dr Raghavendra S	Tensile, impact and fracture toughness properties of banana fibre-reinforced polymer composites		ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES https://doi.org/10.1080/2374068X.2020.1734350	Taylor & Francis	2020	
8	Dr Raghavendra S	High Speed Machining of Titanium Ti 6Al4V Alloy Components: Study and Optimization of Cutting Parameters using RSM		ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES https://doi.org/10.1080/2374068X.2020.1806684	Taylor & Francis	2020	

Books published by the faculty members

Sl. No	Title of books	Name of the authors	Publications	Year of publication
1	Date palm fiber reinforced composites.	Dr Raghavendra S	Scholar's press ISBN 978-613-8-82645-3	2019