



# Aditya College of Engineering & Technology

Aditya Nagar, ADB Road, Surampalem – 533437

## Academic Year 2020-2021 Research Publications (Conference papers)

S. No.	Name of the Faculty Author	Title of the Paper	Name of the Journal/ Conference	ISBN/ ISSN Number	Vol/ Month	Index No UGC/ Scopus	URL/DOI	Citations
3.	Dr.Akhilesh Kumar Singh	An Approach for Future-Oriented Framework Design: A Tool for Design Research	In E3S Web of Conferences	2267-1242	184/Aug.	Scopus	<a href="https://doi.org/10.1051/e3sconf/202018401049">https://doi.org/10.1051/e3sconf/202018401049</a>	0
4.	Dr.Akhilesh Kumar Singh	Electrochemical Micromachining of Linear Micropattern on Stainless Steel Surface	IC-MAME 2021	1757-99X	October 08-09, 2021			
5.	Dr. N. Stanley Ebenezer	An intellectual fault diagnosis system for vehicular driveline system	IEEE Xplore	978-1-7281-7214-9	65/December 2020	Scopus	<a href="https://doi.org/10.1109/ICST-CEE49637.2020.9276770">https://doi.org/10.1109/ICST-CEE49637.2020.9276770</a>	0
6.	Dr.N. Stanley Ebenczer	Self-automated fault diagnosis system for internal combustion engines	ICICC	978-981-16-0980-0	18-20 September		<a href="http://doi.org/10.1007/978-981-16-0980-0_31">http://doi.org/10.1007/978-981-16-0980-0_31</a>	0
7.	Dr. Pramod Kumar	Use of Schleicher Oleosa biodiesel blends with conventional diesel in a compression ignition engine - A feasibility assessment	Materials Today: Proceedings	2214-7853	46/March	Scopus	<a href="https://doi.org/10.1016/j.matpr.2021.02.370">https://doi.org/10.1016/j.matpr.2021.02.370</a>	3
8.	Dr. Pramod Kumar	Study of Welding process parameter in TIG joining of Aluminum Alloy (6061)	Materials Today: Proceedings	2214-7853	47/May	Scopus	<a href="https://doi.org/10.1016/j.matpr.2021.04.275">https://doi.org/10.1016/j.matpr.2021.04.275</a>	1
9.	Dr. Pramod Kumar	Free vibration analysis of an orthotropic plate by dynamic stiffness method and Wittrick-Williams algorithm	Materials Today: Proceedings	2214-7853	47/May	Scopus	<a href="https://doi.org/10.1016/j.matpr.2021.05.042">https://doi.org/10.1016/j.matpr.2021.05.042</a>	0

10.	Dr. Pramod Kumar	An overview about influence of wick materials on heat and mass transfer in solar desalination systems	International conference on research and Advances in Mechanical Engineering	1757-899X	10-11 Dec 2021		doi:10.1088/1757-899X/1057/1/012044	1
11.	Dr.M.Murugan	An overview about influence of wick materials on heat and mass transfer in solar desalination systems	IOP Conf. Series: Materials Science and Engineering	1757-899X	10-11 Dec 2021	SCOPUS	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/1057/1/012044/meta">https://iopscience.iop.org/article/10.1088/1757-899X/1057/1/012044/meta</a>	1
12.	Dr.M.Murugan	Experimental investigations on gaseous hydrogen supplemented AleuritesFordii biodiesel in a direct injection diesel engine for performance enhancement and reduction in emissions	Materials today: Proceedings	2214-7853	46/March	Scopus	<a href="https://doi.org/10.1016/j.matpr.2021.02.368">https://doi.org/10.1016/j.matpr.2021.02.368</a>	0
13.	Dr.M.Murugan	Use of SchleicherOleosa biodiesel blends with conventional diesel in a compression ignition engine – A feasibility assessment	Materials Today: Proceedings	2214-7853	46/March	Scopus	<a href="https://doi.org/10.1016/j.matpr.2021.02.370">https://doi.org/10.1016/j.matpr.2021.02.370</a>	3
14.	Dr.M.Murugan	Study of Welding process parameter in TIG joining of Aluminum Alloy (6061)	Materials Today: Proceedings	2214-7853	47/May	Scopus	<a href="https://doi.org/10.1016/j.matpr.2021.04.275">https://doi.org/10.1016/j.matpr.2021.04.275</a>	1
15.	Abdul Arif	Study of Welding process parameter in TIG joining of Aluminum Alloy (6061)	Materials Today: Proceedings	2214-7853	47/May	Scopus	<a href="https://doi.org/10.1016/j.matpr.2021.04.275">https://doi.org/10.1016/j.matpr.2021.04.275</a>	1
16.	Abdul Arif	Approach of multi criteria decision making methods in various welding process( A review)	International conference on materials energy and mechanical engineering		17-18 December 2021			
17.	Abdul Arif	An overview about influence of of wick materials on heat and mass transfer in solar desalination system	International conference on research and advancing	1757-899X	10-11 December 2021		doi:10.1088/1757-899X/1057/1/	

			mechanical engineering			012044	
18.	G Raju	Optimization of Number of Capsules on an Absorber Plate of a Solar Air Heater	RIST 2021	2456-5075	19 & 20 June 2021		<a href="https://www.tansistonline.com/volume-05-issue-02/">https://www.tansistonline.com/volume-05-issue-02/</a>
19.	Ch.Ramprasad	An intellectual fault diagnosis system for vehicular driveline system	ICSTCEE	978-1-7281-	December 12-		<a href="https://doi.org/10.1109/ICSTCEE49637">https://doi.org/10.1109/ICSTCEE49637</a>
20.	V.Sivanagireddy	An overview about influence of wick materials on heat and mass transfer in solar desalination systems	ICRAME2020/P032	1757-899X	10th & 11th December, 2020.		doi:10.1088/1757-899X/1057/1/012044
21.	V..S.Surya Prakash	Experimental Investigation on the performance of the novel 3D printed micro-cross Axis wind turbine	IPDIMS 2020	1551-7616	12 <sup>th</sup> & 13 <sup>th</sup> February 2021		<a href="https://doi.org/10.1063/1.5141209">https://doi.org/10.1063/1.5141209</a>
22.	V.S.Surya Prakash	A Bibliometric Study on Robotic Manipulators in the Underwater Environment	ICACET-2021		22 <sup>nd</sup> & 23 <sup>rd</sup> October		Accepted awaiting for publication

  
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