

SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada) (Accredited by NBA & NAAC with 'A' Grade, Recognized by UGC Under Section 2(f) & 12(B)) Pedatadepalli,TADEPALLIGUDEM-534 101, W.G. District, (A.P.) Tel : 08818-284355

DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year: 2021 - 22

Details of Faculty Publications

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
					Link to website of the Journal	Link to article/paper/ abstract of the article	Is it listed in UGC Care list/Scopus/ Web of Science / other, mention
An Artificial Intelligent Prediction Model for Evaluating the Engine performance and emission characteristic using waste cooking oil biodiesel blends.	VENKATA RAMESH MAMILLA, S. BHAGAVAN SREEDHAR, PADILAM RAMA KRISHNA	Journal of Mines, Metals &Fuels	2021	2049-3630	https://www.inform aticsjournals.com/i ndex.php/jmmf	https://www.inform aticsjournals.com/in dex.php/jmmf/articl e/view/30663/2120 <u>4</u>	SCOPUS

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Mechanical Behavior and Metallographic Characterization of Microwave Sintered Al/SiC Composite Materials – an Experimental Approach	Chintada, S., Dora, S.P. & Kare Dorathi	Silicon, Springer Nature,	Oct 2021.	1876-990X	https://www.spring er.com/journal/126 <u>33</u>	<u>https://link.springer.</u> com/article/10.1007 /s12633-021-01409- <u>5</u>	SCI
Damping Behavior of Al/SiC Composites Fabricated by Powder Metallurgy	K. Dorathi, Chintada, S. & Dora, S.P	Silicon, Springer Nature,	Nov 2021.	1876-990X	https://www.spring er.com/journal/126 <u>33</u>	https://link.springer. com/article/10.1007 /s12633-021-01497- <u>3</u>	SCI

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An Overview On The Microstructure And Mechanical Properties Of Sintered Aluminum-Based Composites	Chintada, S., Dora, S.P. & Kare Dorathi	Metall. Mater. Eng. Vol 28 (1) 2022 p. 1- 16,	Nov2021.	2812-9105	https://metall-mater- eng.com/index.php/ home	https://metall-mater- eng.com/index.php/ home/article/view/6 <u>87</u>	SCOPUS
Developments in Sintered aluminum- based Composites	Chintada, Shoba, Siva Prasad Dora, Dorathi Kare, and Parameswara Rao Venkata Doddi	Metal Powder Report • Vol 76 Number 6 •	November/D ecember 2021	1873-4065	https://www.scienc edirect.com/journal /metal-powder- report	https://doi.org/10.1 016/S0026- 0657(21)00301-5	SCOPUS
Damping characteristics Of pure aluminum: a Comparison of microwave And conventional Sintering	Kare, Dorathi, Shoba Chintada, Siva Prasad Dora, and Prafulla Kumar Swain	Metal Powder Report • Vol 76 Number 6 •	November/D ecember 2021	1873-4065	https://www.scienc edirect.com/journal /metal-powder- report	https://www.science direct.com/science/ article/abs/pii/S002 606572100299X	SCOPUS

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Powder Matallyraw yaraya	Chintada, Shoba,	Journal of			https://www.oprings	https://dsi.org/10.1	
Costing: Domning	Dorothi Koro and	Engineering	Apr 22	1050 0405	<u>inups://www.spring</u>	$\frac{1007/211665}{2007}$	SCI
Casting: Damping		Engineering	Api-22	1039-9493		007/811003-022-	SCI
Behavior of Pure	Srinivasa Rao	and			<u>65</u>	<u>06886-2</u>	
Aluminum	Pujari.	Performance					

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