



# SRI VENKATESWARA COLLEGE OF ENGINEERING (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.  
Accredited by NBA (B.Tech – CSE, ECE,EEE,Mech.,Civil and IT) & NAAC with 'A' Grade  
Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuram.

## Publications

S. No	Name of the faculty	Title of the paper	Name of the conference/ Journal / Publisher	Month & Year	Issue No / Volume No/ISBN	Indexing
<b>2023-24</b>						
1	Dr. Vamsi Krishna Mamidi	Experimental Analysis of the Mechanical and Machining Properties of an Aluminium Hybrid Metal Matrix Composite	Key Engineering Materials	December, 2023	ISSN: 1662-9795, Vol. 971, pp 3-12	Scopus
2	Dr. Vamsi Krishna Mamidi	"Parameter Optimization for Electrical Discharge Machining of Stir Casted AA6063/Nano-SiC with Graphite Hybrid Composite Materials by Using Response Surface Methodology"	Nano World Journal	September, 2023	Volume 9 Supplement 3, 2023	Scopus
3	Dr. N Rajesh	Optimization of machining parameters & studies on characteristics of Monel k400 alloy using abrasive water jet Machining using ANFIS	Materials Today: Proceedings	September, 2023	Sep 2023, ISSN 2214-7853	Scopus
4	Dr. N Rajesh	Chip morphology analysis in Al6061/CNT drilling with carbide and nano coated drills	Materials Today: Proceedings	July, 2023	July 2023, ISSN 2214-7853	Scopus
5	Dr. M.Chandra sekhar reddy	Synthesis and characterization of silicon dioxide reinforced AZ91D magnesium composites	Materials Today: Proceedings	July 2023	June 2023, ISSN 2214-7856	Scopus
6	Dr. Jagath Narayana Kamineni	Investigation of the microstructure and mechanical properties of borosilicate reinforced magnesium nano composites	Materials Today: Proceedings	July 2023	June 2023, ISSN 2214-7856	Scopus



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<b>2022-23</b>						
1	Dr. E Venkata kondaiah	Improving the mechanical properties of BN reinforced magnesium composites using vacuum sintering method	Materials Today: Proceedings	June 2023	June 2023, ISSN 2214-7855	Scopus
2	Mr. Anjan Kumar Reddy	Investigating the mechanical properties of titanium dioxide reinforced magnesium composites	Materials Today: Proceedings	May 2023	May 2023, ISSN 2214-7853	Scopus
3	Dr. M Vamsi Krishna	Influence of titanium diboride reinforced magnesium composites using squeeze casting method	Materials Today: Proceedings	May 2023	May 2023, ISSN 2214-7853	Scopus
4	Dr. Jagath Narayana Kamineni	Microstructure and mechanical properties of AZ91D/Si3N4 composites using squeeze casting method	Materials Today: Proceedings	May 2023	May 2023, ISSN 2214-7853	Scopus
5	Mr. Guru Mahesh & Dr. N Rajesh	Response surface methodology based evaluation of S-glass fibre composite reinforced with aluminium oxide/pearlite hybrid	Advances in Materials and Processing Technologies, Taylor & Francis	February 2023	Print ISSN: 2374-068X Online ISSN: 2374-0698	WOS
6	Dr E venkata kondaiah	Microstructure and mechanical properties of similar and dissimilar friction stir spot welded AA 5052 and AA 6061-T6 sheets	AIP Conference Proceedings	November 2022	ISSN 0094243X, 15517616  ISSN 0094243X, 15517616	scopus
7	Dr.M.Vamsi Krishna	Influence of coated electrode in nanopowder Mixed	Advances in Materials Science and Engineering, Hindawi	October 2022	ISSN: 1687-8434 (Print)	WOS



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		EDM of Al–Zn–Mg–Si3N4 Composite	Publisher		ISSN: 1687-8442 (Online)	
8	Dr. M.Chandra sekhara reddy	Development of aluminium based metal matrix composites by stir casting method	International Conference on Advanced Materials and Modern Manufacturing, Materials Today Proceedings	September 2022	E- ISSN:2214-7853	Scopus
9	Dr.M.Vamsi Krishna, Dr.K.Jagath Narayana	Welding strength and surface experimentation on copper aluminium	Materials Today Proceedings	September 2022	E- ISSN:2214-7853	scopus
<b>2021-22</b>						
1	T.Pratheep reddy, Dr.M.Vamsi Krishna	Effect of in-situ reaction time on the strength of AA5052/ZrAl3 metal matrix nano composites	Advances in Materials and Processing Technologies, Taylor & Francis	June 2022	ISSN 2374068X, 23740698	WOS
2	Dr.M.Vamsi Krishna	Optimizing WEDM parameters on Nano-SiC-Gr reinforced aluminum composites using RSM	Advances in Materials Science and Engineering	May2022	ISSN: 1687-8434 (Print) ISSN: 1687-8442 (Online)	SCIE
3	Dr. M.Chandra sekhara reddy	Machinability studies on wire electrical discharge machining of aluminum alloy using taguchi approach	Recent advances in Materials and Modern Manufacturing	May2022	Print ISBN978-981-19-0243-7	Scopus
4	Dr.N.Rajesh, Mr.G.Guru Mahesh	Prediction of taper angle drilling of S32750 using integrated ANFIS	Materials Today Proceedings	May 2022	E- ISSN:2214-7853	Scopus
5	P.Charan Teja, Dr. M.Chandra sekhara reddy	A review on - fabrication and testing methods of aluminium metal matrix nano	Materials Today: Proceedings	November 2021	E- ISSN:2214-7853	Scopus



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		composites for various applications				
6	Dr.M.Vamsi Krishna	Thermal performance of a double-glazed window integrated with a phase change material (PCM)	Materials Today: Proceedings	August 2021	E-ISSN:2214-7853	Scopus
7	T. Prashanth Kumar, Dr.K.Madhivanan, Dr.N.Rajesh, P.Charan teja	Review of friction stir processing of aluminium alloys using nanomaterials	PENSEE International Journal	July 2021	ISSN-0031-4773	—
8	R Roop Kumar, Dr .Vamsi Krishna , K.Arun, B.Eswaraiah, Dr.M. Chandra sekhar reddy	A literature review on processing methods and influence of zirconium on aluminium alloys	PENSEE International Journal	July 2021	ISSN-0031-4773	—
9	D.Raju, G.Guru sai prasad, V.Ajay, G. Gurumahesh, Dr.M.Vamsi Krishna	Multi-response optimization of process parameters in AWJ machining of Inconel 800 by grey relational method	PENSEE International Journal	July 2021	ISSN-0031-4773	—
2020-2021						
1	Dr.N.Rajesh, Mr.G.Guru Mahesh	Study of machining parameters on tensile strength and surface roughness of ABS samples printed by FDM	Advances In Materials And Processing Technologies	June 2021	ISSN 2374068X, 23740698	WOS
2	Dr.M.Vamsi Krishna	An investigation on wear properties of SiC/WC strengthened aluminium alloy hybrid composites	Materials Today: Proceedings	February 2021	E-ISSN:2214-7854	Scopus
3	Dr.K.Renuga devi, Dr.M.Chandra sekhar reddy	Optimization of surface treatment in calotropis gigantea (CG)- fibre yarn by simple techniques and characterization of CG fibre yarn reinforced laminate	Journal of Materials Research and Technology	December 2020	E-ISSN:2238-7854	SCI



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4	Mr.G.Gopala krishna, Dr.M.Chandra sekhara reddy	Effect of machining parameters on hole quality in dry drilling of CFRP using Ti-AlN nano coated drill bit	The International journal of analytical and experimental modal analysis	July 2020	ISSN NO:0886- 9367	UGC CARE group-II
5	M.Gopala Krishna, M. Chandra Sekhara Reddy	The friction stir process by using nanomaterials in aluminium alloy: A Review	Zeichen Journal	July 2020	ISSN: 0932-4747	UGC CARE group-II

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