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Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF 135th Rank in Engineering Category
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Department of Mechanical Engineering VNR VJiet

Number of National and International JOURNAL PUBLICATIONS

Year	INTERNATIONAL JOURNALS	NATIONAL JOURNALS
2022-23	21	--
2021-22	25	--
2020-21	41	1
2019-20	42	---
2018-19	22	---
2017-18	53	---
2016-17	30	---
2015-16	24	---
2014-15	18	1
2013-14	11	1
2012-13	14	---
Total	301	3

FACULTY JOURNAL PUBLICATIONS

Academic Year: 2021-22

S. No.	Name of Faculty	Name of Authors	Title of the Paper	Title of the Journal	Volume and Issue No./ Year of Publication/ doi/Website Link	Indexing (SCI Refereed Journals) Impact Factor/ Publishing	ISSN of the Journal & Citations
2022-2023							
1.	Dr. K. Ajay Kumar	1.AK Kaviti, 2. SR Akkala, MA Ali, 3. P Anusha, 4. B Rajkumar	Amplification of Productivity Of Distillate Using Cerium Oxide Nanofluid In Solar Powered Desalination	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Volume 45 Issue 1 Pp 1226-1240, February 2023 https://doi.org/10.1080/15567036.2023.2176570	SCOPUS/ Web of science/ Google Scholar Impact Score 3.447 TAYLOR & FRANCIS 	ISSN: 1556-7230, 1556-7036 Citations 3
2.	Dr. K. Ajay Kumar	1. Ajay Kumar Kaviti 2. Siva Ram Akkala	Influence of Anodization Time on Al ₂ O ₃ Nanoporous Morphology and Optical Properties Using Energy Band Gap at Room Temperature	Results in Engineering	Volume 17, March 2023, 100816 https://doi.org/10.1016/j.rinen.2022.100816	SCOPUS/ Web of science/ Google Scholar Impact Score 4.06 ELSEVIER 	ISSN 2590-1230. Citations 1
3.	Dr. K. Ajay Kumar	1. Ajay Kumar Kaviti 2. Siva Ram Akkala 3. Pulagam	Performance Improvement of Solar Desalination System Based on CeO ₂ -MWCNT	Sustainability	Volume 15 Issue 5 Pages 4268 https://doi.org/10.3390/su15054268	SCI/ SCOPUS/ Web of science/ Google Scholar Impact	ISSN: 2071-1050

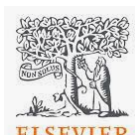




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		Anusha 4.Vineet Singh Sikarwar	Hybrid Nanofluid		i.org/10.3390/su15054268	Factor 3.889 Publisher: MDPI	
4.	Dr. K. Ajay Kumar	Development of nano structures for solar driven desalination	1. Yerolla Pavan Kumar 2. S. Swetha 3. Ajay Kumar Kaviti	Materials Today: Proceedings	February 2023 https://doi.org/10.1016/j.matpr.2023.01.222	SCOPUS/ Web of science / Google Scholar ELSEVIER 	ISSN 2214-7853 (Online)
5.	Dr. K. Ajay Kumar	Performance analysis of a contactless nanostructure in solar-powered desalination system	1. Shaik Afzal Mohiuddin, 2. Ajay Kumar Kaviti, 3. Talluri Srinivasa Rao, 4. Shanmugasundaram Sakhivel	Environmental Science and Pollution Research	Volume 30 Issue 6 Pages 16277-16288 DOIhttps://doi.org/10.1007/s11356-022-23130-5	SCOPUS/ Web of science/ Google Scholar Impact Factor 5.19 Springer Berlin Heidelberg	ISSN 1614-7499
6.	Dr. K. Ajay Kumar	Camphor-Soothed Banana Stem Biowaste in the Productivity and Sustainability of Solar-Powered Desalination	1. Ajay Kumar Kaviti, 2. Siva Ram Akkala, 3. Vineet Singh Sikarwar, 4. Pilli Sai Snehith, 5. Moodapelly Mahesh	Applied Sciences	Volume 13, Issue 3 Pp 1652. https://doi.org/10.3390/app13031652	SCOPUS/ Web of science/ Google Scholar Impact Factor 2.838	ISSN: 2076-3417
7.	Dr. K. Ajay	1. Shaik Afzal Mohiud	Effect of Air Gap In Novel	Journal of Cleaner	Volume 381, Part	SCI/	ISSN 0959-6526.

	Kumar	<p>din</p> <p>2. Ajay Kumar Kaviti</p> <p>3. T. Srinivasa Rao</p> <p>4. S.R. Atchuta</p>	<p>Fouling-Free Non-Contact Nanostructure Solar Still For Potable Water Application From Lake Water</p>	<p>Production</p>	<p>1, 25 December 2022, 135100, https://doi.org/10.1016/j.jclepro.2022.135100, 25 December 2022</p>	<p>SCOPUS/ Web of science</p> <p>/ Google Scholar</p> <p>ELSEVIER</p>  <p>Impact Factor 11.072</p>	
8.	Dr. K. Ajay Kumar	<p>1. Amit Kumar Thakur,</p> <p>2. H. R. Praneeth,</p> <p>3. P. S. Ranjit,</p> <p>4. Ajay Kumar Kaviti,</p> <p>5. Rajesh Singh,</p> <p>6. Chander Prakash</p> <p>7. Piyush Singhal</p>	<p>Adverse Effect Of Rainfall On Aerodynamic Characteristics For Different NACA airfoil configurations —A Comprehensive Review</p>	<p>International Journal on Interactive Design and Manufacturing (IJIDeM)</p>	<p>https://doi.org/10.1007/s12008-022-01129-z, 20 December 2022</p>	<p>SCOPUS/ Google Scholar</p> <p>Springer</p>	<p>ISSN: 1955-2513, 1955-2505</p>
9.	Dr. K. Ajay Kumar	<p>1. Shaik Afzal Mohiuddin,</p> <p>2. Ajay Kumar Kaviti,</p> <p>3. T Srinivasa Rao,</p> <p>4. S Sakthivel</p>	<p>Effect of Water Depth In Productivity Enhancement Of Fouling-Free Non-Contact Nanostructure Desalination System</p>	<p>Sustainable Energy Technologies and Assessments</p>	<p>Volume 54, December 2022, Pp 102848 https://doi.org/10.1016/j.seta.2022.102848, 48,</p>	<p>SCIE/SSCI SCOPUS/ Web of science</p> <p>/ Google Scholar</p> <p>ELSEVIER</p>  <p>Impact Factor 7.632</p>	<p>ISSN 2213-1388.</p>
10.	Dr. K. Ajay Kumar	<p>1. Shaik Afzal Mohiuddin,</p> <p>2. Ajay Kumar Kaviti,</p> <p>3. Srinivasa Rao Atchuta,</p>	<p>Performance analysis of non-contact nanostructure solar desalination</p>	<p>Solar Energy</p>	<p>Volume 247, 15 November 2022, Pages</p>	<p>SCI SCOPUS/ Web of science</p>	<p>ISSN 0038-092X</p>






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		4. Shanmugasundaram Sakthivel, 5. Thiramdas Harish, 6. Kohir Vinay Kumar, 7. Talluri Srinivasa Rao, 8. Archit Thaker, 9. Kindinti Vishwanath Reddy, 10. Amara Mohit Naga 11. Sai, Siva Ram Akkala	system by varying water depth at a constant air gap		485-498, https://doi.org/10.1016/j.solen.2022.10.042	/ Google Scholar ELSEVIER R  Impact Factor 7.188	
11.	1. Yeole Shivraj Narayan, 2. Kode Jaya Prakash, 3. P. Narendra	1. Yeole Shivraj Narayan, 2. Kode Jaya Prakash, 3. S. Rajashekhar, 4. P. Narendra	3D printed human humerus bone with proximal implant prototype for arthroplasty	International Journal of Health Sciences	Volume 6 Issue https://doi.org/10.53730/ijhs.v6nS4.1129 pp 10953–10967	Google Scholar	ISSN 2372-5060 (Print) 2372-5079 (Online)
12.	1. Yeole Shivraj Narayan, 2. Kode Jaya Prakash, 3. P. Narendra	1. Yeole Shivraj Narayan, 2. Podishetty Naveen Kumar, 3. Kode Jaya Prakash, 4. Pothula Narendra	Computational Modeling and Simulation for Productivity Improvement in a Pump Manufacturing Facility	Telematique	July 2022 Pp 1209-1224	ESCI /Web of science/ Google Scholar	ISSN: 1856-4194
13.	1.Kode Jaya Prakash, 2. Yeole Shivraj Narayan, 3. B. Satyanarayana	J. Akshay Kumar, 2. Kode Jaya Prakash, 3. Yeole Shivraj Narayan, 4. B. Satyanarayana	Finite Element Analysis of a Patient Specific Maxillofacial Implant	International Journal of Engineering Trends and Technology	Volume 70, Issue 9, Pp 354-361, / https://doi.org/10.14445/22	SCOPUS	ISSN 2231-5381 (Online)

					315381/I JETT- V70I9P2 35		
14.	1. Anirudh Tallam, 2. Satyanarayana Bollu, 3. Yeole 4. Shivraj Narayan, 5. Jaya Prakash Kode	1. Anirudh Tallam, Satyanarayana Bollu, Yeole Shivraj Narayan, Jaya Prakash Kode	Optimization of Mechanical Performance for 3D Printed Kevlar and Carbon Fiber Composites	Materials Science Forum	https://doi.org/10.4028/p-c20s5s	SCOPUS	ISSN: 0255-5476, 1662-9752
15.	1. BVR Ravi Kumar, 2. MS Sreenivas arao	1. BVR Ravi Kumar, 2. K Upender, 3. M Venkata Ramana, 4. MS Sreenivasa Rao	Visual inspection on friction stir welded dissimilar aluminum alloy AA6082-AA5083 using conventional and hybrid tool pin profiles	Materials Today: Proceedings	https://doi.org/10.1016/j.matpr.2022.12.234 , 16 January 2023	SCOPUS/ Web of science / Google Scholar ELSEVIER 	ISSN 2214-7853 (Online)
16.	Jayashri N Nair	1. V. Dhana Raju 2. Manzoore Elahi M. Soudagar , 3. Harish Venu , 4. Jayashri N Nair , 5. M.B.S. Sreekar Reddy, 6. J. Subba Reddy , 7. T. Srinivasa Rao , 8. T.M. Yunus	Experimental assessment of diverse diesel engine characteristics fueled with an oxygenated fuel added lemon peel biodiesel blends	Fuel	https://doi.org/10.1016/j.fuel.2022.124529 Volume 324, Part A, 15 September 2022, 124529	SCI/ SCOPUS/ Web of science / Google Scholar ELSEVIER  Impact factor	ISSN 0016-2361






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17.	Jayashri N Nair	1. Vallapudi Dhana Raju, 2. Jayashri N Nair, 3. Harish Venu 4. Lingesan Subramanid 5. Manzoore Elahi M. Soudagar, 6. MA Mujtaba, 7. T.M. Yunus Khan 8. Khadiga Ahmed Ismail 9. Ashraf Elfasakhany 10. Abdulfatah Abdu Yusuf 11. Badr A Mohamed 12. Islam M. R. Fattah	Combined Assessment Of Injection Timing And Exhaust Gas Recirculation Strategy On The Performance, Emission And Combustion Characteristic s Of Algae Biodiesel Powered Diesel Engine	Energy Sources, Part A: Recovery, Utilization, and Environment al Effects	Volume 44 Issue 4 Pp 8554– 8571	SCI/ SCOPUS/ Web of science/ Google Scholar Impact score 2.66 TAYLOR & FRANCIS 	ISSN: 0954- 4089 (print) 2041-3009 (web)
18.	V.V. Durga Sahithi	1. S Shyam Sunder, 2. VVD Sahithi	Process Parameter Optimization of FDM 3D Printer Using PETG and Carbon Fiber PETG	Materials Science Forum	Volume 1081 Pp 49-57 March 2023 https://doi.org/10.4028/p-4081e	SCOPUS	ISSN: 0255-5476, 1662-9752

19.	N.Srilatha	1. N.Srilatha 2. B.Srinivasa Prasad	Experimental Investigation Of Friction Drilling On Al6061-T6 Aluminum Alloy	International Journal of Mechanical Engineering	Vol. 7 No. 1 January, 2022	Google scholar	ISSN: 0974-5823
20.	T. Malyadri	1. Sachinkumar Patil 2. M. Nagamadhhu 3. T. Malyadri	A critical review on microstructure and hardness of aluminum alloy 6061 joints obtained by friction stir welding-past, present, and its prospects	Materials Today: Proceedings	https://doi.org/10.1016/j.matpr.2022.11.362 , December 2022	SCOPUS/ Web of science / Google Scholar ELSEVIER 	ISSN 2214-7853 (Online)
21	Sandeep Raj Lanka	1. Lanka Sandeep Raj, 2. Sane Sreenivasulu, 3. Bandaru Durga Prasad	Solidification time and solid fraction of vertical concentric shell and tube latent heat storage device: A dimensionless parametric study and correlations development	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	Volume 45 Issue 1 Pages 331-355 https://doi.org/10.1080/15567036.2023.2168320	SCI/ SCOPUS/ Web of science/ Google Scholar Impact score 2.66 TAYLOR & FRANCIS 	ISSN: 0954-4089 (print) 2041-3009 (web)



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FACULTY JOURNAL PUBLICATIONS

Academic Year: 2021-22

S. No.	Name of Faculty	Name of Authors	Title of the Paper	Title of the Journal	Volume and Issue No./ Year of Publication/doi/ Website Link	Indexing (SCI Refereed Journals) Impact Factor/ Publishing	ISSN of the Journal & Citations
2021-2022							
1.	Dr. K. Ajay Kumar	1. Vineet Singh Sikarwar 2. Christoph Pfeifer 3. Frederik Ronsse 4. Michael Pohořelý 5. Erik Meers 6. Ajay Kumar Kaviti 7. Michal Jeremiáša	Progress in In-situ CO ₂ -Absorption for Enhanced Hydrogen Production	Progress in Energy and Combustion Science	Volume 91, July 2022, doi: https://doi.org/10.1016/j.pecs.2022.101008	SCI/ SCOPUS/ Web of science/ Google Scholar Impact Factor 29.39 ELSEVIER 	ISSN: 0360-1285 Citations 4
2.	Dr. Jayashri N Nair	1. Harish Venu 2. Ibham Veza 3. Lokesh Selvam 4. Prabhu Appavu 5. V. Dhana Raju, Lingesan Subramani 6. Jayashri N. Nair	Analysis of Particle Size Diameter (Psd), Mass Fraction Burnt (Mfb) And Particulate Number (Pn) Emissions In A Diesel Engine Powered By Diesel/Biodiesel/N-Amyl Alcohol Blends	Energy	Volume 250, 123806, pp 1-18 https://doi.org/10.1016/j.energy.2022.110300 30th March 2022	SCI/ SCOPUS/ Web of science/ Google Scholar Impact Factor 7.147 	ISSN 0360-5442 Citations 2
3.	Dr. K. Ajay Kumar	1. Shaik Afzal Mohiuddin 2. Ajay Kumar Kaviti, 3. T. Srinivasa Rao 4. SR Atchuta	Experimental Assessment Of Productivity And Sustainability Of Nanoporous Cr-Mn-Fe Oxide	Process Safety and Environmental Protection	Volume 162, Pp 61-71, June 2022, doi: https://doi.org/10.1016/j.psep.2022.100000	SCI/ SCOPUS/ Web of science/ Google Scholar Impact Factor 6.158 ELSEVIER	ISSN: 0957-5820










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			Nanocoating In Solar- Powered Desalination		22.03.038		
4.	Dr. Jayashri N. Nair	1. Shiva Kumar Reddy Devasani 2. Sudeshna Vodnala 3. Dharmasai Singarapu 4. Jayashri N. Nair	A Comprehensive Review On Performance, Combustion And Emissions Of Ternary And Quaternary Biodiesel/Diesel Blends	Environmental Science and Pollution Research	doi:10.1007/s11356-021-17504-4 PMID: 34811615 22 November 2021	SCI/ SCOPUS/ Web of science/ Google Scholar Impact factor 5.190 (2021) SPRINGER 	Electronic ISSN 1614-7499 Print ISSN 0944-1344 Citations 1
5.	Dr. Ajay Kumar Kaviti	1. Siva Ram Akkala, 2. Ajay Kumar Kaviti,	Advanced design techniques in passive and active tubular solar stills: a review	Environmental Science and Pollution Research	https://doi.org/10.1007/s11356-022-20664-6 May 2022	SCI/ SCOPUS/ Web of science/ Google Scholar Impact factor 5.190 (2021) SPRINGER 	Electronic ISSN 1614-7499 Print ISSN 0944-1344 Citations 1
6.	Dr. Jayashri N. Nair	1. Amit Kumar Thakur 2. Rajesh Singh 3. Anita Gehlot 4. Ajay Kumar Kaviti, 5. Ronald Aseer 6. Subbarama Kousik 7. Sendhil	Advancements in Solar Technologies for Sustainable Development of Agricultural Sector In India: A Comprehensive Review on Challenges and Opportunities	Environmental Science and Pollution Research	PMID: 35419684 DOI: 10.1007/s11356-022-20133-0	SCI/ SCOPUS/ Web of science/ Google Scholar Impact factor 5.190 (2021) SPRINGER 	Electronic ISSN 1614-7499 Print ISSN 0944-1344 Citations 4

		Kumar Natarajan 8. Vineet Singh Sikarwar					
7.	Dr. K. Ajay Kumar	1. Shaik Afzal Mohiuddin 2. Ajay Kumar Kaviti 3. Talluri Srinivasa Rao 4. Vineet Singh Sikarwar	Historic review and recent progress in internal design modification in solar stills	Environmental Science and Pollution Research	Link https://link.springer.com/article/10.1007/s11356-022-19527-x	SCI/ SCOPUS/ Web of science/ Google Scholar Impact factor 5.190 (2021) SPRINGER 	Electronic ISSN 1614-7499 Print ISSN 0944-1344 Citations 3
8.	Dr. K. Ajay Kumar	Ajay Kumar Kaviti, 2. Vankdoth Rajaranadher Naike, 3. Akkala Siva Ram 4. Amit Kumar Thakur	Energy And Exergy Analysis Of Truncated And Parabolic Finned Double Slope Solar Stills	International Journal of Ambient Energy	https://doi.org/10.1080/01430750.2021.2009368 November 2021 Volume 43, Issue 1, Pp 6210-6223	SCI/ SCOPUS/ Web of science/ Google Scholar Impact factor 2.326, TAYLOR and FRANCIS 	ISSN 0143-0750 ISSN (Online) 2162-8246 Citations 9
9.	Dr. Ajay Kumar Kaviti	1. Ajay Kumar Kaviti 2. Siva Ram Akkala 3. Vineet Singh Sikarwar	Productivity Enhancement Of Stepped Solar Still By Loading With Magnets And Suspended Micro Charcoal Powder	Energy Sources, Part A: Recovery Utilization, and Environmental Effects	December 6, 2021 doi: https://doi.org/10.1177/095440892111058019	SCI/ SCOPUS/ Web of science/ Google Scholar Impact score 2.66 TAYLOR & FRANCIS 	ISSN: 0954-4089 (print) 2041-3009 (web) Citations 3





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10.	Dr. K. Ajay Kumar	1.Amit Kumar Thakur 2. Ajay Kumar Kaviti 3. Mohd Tariq Siddiqi 4. J Ronald Aseer, 5. Rajesh Singh 6. Anita Gehlot	Taguchi Optimization of Fracture Toughness of Silicon Carbide Extracted from Agricultural Wastes	Silicon	doi: https://doi.org/10.1007/s12633-021-01551-0 January 2022	SCI/ SCOPUS/ Web of science/ Google Scholar Impact factor 2.67 (2020) SPRINGER	ISSN: 1876-990X (print); 1876-9918 (web)
11.	Dr. K. Aruna Prabha	1. B. Srinivasa Prasad, 2. K. Aruna Prabha, 3. Medidi Rajasekhar 4. Rajesh B. Kumar	Development of Multi Sensor Fusion based DAQ for in-process TCMS: Experimental and Empirical Analysis	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	doi https://doi.org/10.1177/09544089211058019 21 December 2021	SCI/ SCOPUS Impact Factor 1.822 SAGE	ISSN; 1556-7230, 1556-7036
12.	Dr. K. Ajay Kumar	1.Ajay Kumar Kaviti, 2. Akkala Siva Ram, 3. Amit Kumar Thakur	Influence Of Fully Submerged Permanent Magnets In The Evaluation Of Heat Transfer And Performance Analysis Of Single	Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy	doi: https://doi.org/10.1177/09576509211031021 21 July 2021 Link: https://journals.sagepub.com/doi/abs/10.1177/09576509211031021	SCI/ Scopus Impact Factor 0.596 SAGE	ISSN: 0957-6509. Online ISSN: 2041-2967. Citations 2
12.	Smt. Ch. Priyadar sini	1. Mrs. Ch. Priyadarsini, 2. V.S.N. Venkata Ramana 3. Koonna	The Investigation of Machinability and Surface Properties of	Journal Of Engineering And Technologic al	Volume. 53, No4 DOI: https://doi.org/10.5614/j.eng.tec	SCOPUS	ISSN 2337-5779

		Bhavani 4. Amrita M	Aluminium Alloy Matrix Composites	Sciences	hno1.sci.20 21.53.4.12		
13.	Smt. Ch. Priyadar sini	1. Priyadarsini Morampudi, 2. VSN Venkata Ramana, 3. K Sri ram Vikas, 4. R Rahul, Chitrada Prasad	Effect of nano ZrB ₂ particles on physical, mechanical and corrosion properties of Al6061 metal-matrix nano composites through stir casting route	Engineering Research Express	Volume 4 Issue 2 Pages 025010	SCOPUS/ Web of science/ Google Scholar IOP Science	ISSN 2631-8695
14.	Smt. Ch. Priyadar sini	1. Priyadarsini Morampudi 2. V.S.N. Venkata Ramana 3. Koonabhavani Ch.Kishore Reddy 4. K. Sri RamVikas	Wear and corrosion behavior of AA6061 metal matrix composites with ilmenite as reinforcement	Materials Today: Proceedings	https://doi.org/10.1016/j.matpr.2021.11.22827 November 2021	SCOPUS/ Web of science/ Google Scholar ELSEVIER 	ISSN 2214-7853 (Online)
15.	Dr. G. Srinivasa Gupta	1. Dhakshain Balaji V 2. Varun Gopalakrishnan 3. Ajay C 4. Muthuveerapan AL 5. Bhaskara Rao Lokavarapu 6. Srinivasa Gupta G	Stress Analysis Of Symmetric And Asymmetric Spur Gears Made Of Ceramic Reinforced Stainless Steel Matrix Composites	Materials Today: Proceedings	Volume 50, Part 5, 2022, Pages 2111-2118 https://doi.org/10.1016/j.matpr.2021.09.431 July 2021	SCOPUS/ Web of science/ Google Scholar ELSEVIER 	ISSN 2214-7853 (Online)









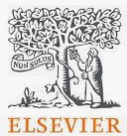
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16.	Smt. Ch. Priyadar sini	1. Priyadarsini Morampudi 2. V.S.N. Venkata Ramana 3. Chitrada Prasad 4. K. Sriram Vikas Rahul	Physical, Mechanical and Corrosion Properties Of Al6061/ZrB2 Metal Matrix Nano Composites via Powder Metallurgy Process	Materials Today: Proceedings	https://doi.org/10.1016/j.matpr.2022.03.596 8 th April 2022	SCOPUS/ Web of science/ Google Scholar ELSEVIER 	ISSN 2214-7853 (Online)
17.	Smt. Ch. Priyadar sini	1. K Sri Ram Vikas 2. Ch Kishore Reddy 3. VSN Venkata Ramana 4. Priyadarsini Morampudi 5. Ch Prasad	Effect of Grade 5 Titanium Interlayer on Microstructure And Pitting Corrosion Behaviour Of AA1100/A36 Explosion Welds	Materials Today: Proceedings	8 th April https://doi.org/10.1016/j.matpr.2022.03.596 6 March 2022	SCOPUS/ Web of science / Google Scholar ELSEVIER 	ISSN 2214-7853 (Online)
18.	1. Dr. Y. Shivraj Narayan 2. Mr. K. Jaya Prakash	1. Poornaganti 2. Satyanarayanan, 3. Dr. Y. Shivraj Narayan, 4. Mr. K. Jaya Prakash	Insights on surface characterization of 3D printed polymeric parts	Materials Today: Proceedings	Volume 62, Part 6, pp. 3837-3848	SCOPUS/ Web of science / Google Scholar ELSEVIER 	ISSN 2214-7853 (Online)
19.	Smt. Ch. Priyadar sini	1. Priyadarsini Morampudi 2. Sumalatha Gurrapu	Modelling And Analysis Of A Customized Die For Blow Moulding Machine	Materials Today: Proceedings	Volume 62, Part 6, pp. 3306-3313	SCOPUS/ Web of science / Google Scholar	ISSN 2214-7853 (Online)

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20	Dr.G. Ragh Babu	1.A.L.R. Prathyusha 2. G.Ragh Babu	A Review On Additive Manufacturing And Topology Optimization Process For Weight Reduction Studies In Various Industrial Applications	Materials Today: Proceedings	Volume 62, Part 1, June 2022, Pages 109-117 https://doi.org/10.1016/j.matpr.2022.02.604	<p>SCOPUS/ Web of science/ Google Scholar</p> <p>ELSEVIER</p> 	ISSN 2214-7853 (Online)
21	N. Srilatha	1. N Srilatha 2. BS Prasad 3. KVC Mouli	Effect Of Temperature On Surface Roughness In Friction Stir Drilling Of AL-6061 With Varied Drill Tools	Materials Today: Proceedings	https://doi.org/10.1016/j.matpr.2022.04.549 April 2022, Volume 62, Part 6, 2022, Pages 3909-3915	<p>SCOPUS/ Web of science/ Google Scholar</p> <p>ELSEVIER</p> 	ISSN 2214-7853 (Online)
22	Bhanu Soppari Murthy	1.Sai KrishnaSamudra, 2.Chaitanya Krishna 3. Sai Radhi, Prasad 4. Bhanu Soppari Murthy	Metal, Ceramics And Polymer Nano-Composites For Various Applications: A Review	Materials Today: Proceedings	https://doi.org/10.1016/j.matpr.2021.10.316 Volume 56, Part 3, 2022, Pages 1120-1128	<p>SCOPUS/ Web of science/ Google Scholar</p> <p>ELSEVIER</p> 	ISSN 2214-7853 (Online)
23	Dr. K. Ajay Kumar	1. K. Ajay Kumar , 2. C. Mallikarjuna	Microstructure and mechanical properties of A356/Al2O3/MoS2 hybrid nanocomposites	Materials Today: Proceedings	Volume 54, Part 2, 2022, Pages 415-420, https://doi.org/10.1016/j.matpr.2021.09.472	<p>SCOPUS/ Web of science/ Google Scholar</p> <p>ELSEVIER</p>	ISSN 2214-7853 (Online)





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24	Dr. K. Ajay Kumar	1. K. Ajay Kumar , 2. C. Mallikarjuna	Wear behavior of A356/Al2O3/MoS2 hybrid nanocomposites	Materials Today: Proceedings	Volume 54, Part 2, 2022, Pages 409-414 https://doi.org/10.1016/j.matpr.2021.09.470	SCOPUS/ Web of science/ Google Scholar ELSEVIER  ELSEVIER	ISSN 2214-7853 (Online)
25	Dr. B.V. Raja Ravi Kumar	1. M. Venkata Ramana, 2. G. Krishna Mohana Rao, 3. M. Dheeraj Reddy, 4. B.V. Raja Ravi Kumar 5. P. Ravi Kumar	Optimization and Impact Of Process Parameters On Tool-Chip Interaction While Turning Of A286 Iron Based Nickel Superalloy	International Journal of Machining and Machinability of Materials	DOI: 10.1504/IJMM.2022.10044696, Vol.24 No.1/2, pp.48 – 67 06 May 2022	Google Scholar	ISSN: 1748-5711 eISSN: 1748-572X
26	V.V.D. Sahithi	1. V.V.D. Sahithi, 2. M. Srinivasa Rao, 3. C.S.P. Rao	Harmonic Search Algorithm for Multi-Level Inventory Problem with Supplier Selection	International Research Journal of Engineering and Technology (IRJET)	Volume: 08 Issue: 07 July 2021	----	e-ISSN: 2395-0056 p-ISSN: 2395-0072
27	1. Kiran Kumar Namala 2. Naga Sri Saihari Sunkara	1. Chetan Reddy Pirakala 2. Kiran Kumar Namala, 3. Nagasrisaithi Sunkara	Experimental Investigation On Flexural Behaviour and Moisture Absorption Of Double Sandwich Composites	Journal of East China University of Science and Technology	July 16, 2022 Volume 65, Issue 3 pp. 183-190	----	ISSN 1006-3080

FACULTY JOURNAL PUBLICATIONS

Academic Year: 2020-2021 (INTERNATIONAL JOURNALS)

S. No.	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference /Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC/ refereed Journals)	ISBN/ISSN of the Journal/ Proceedings
1.	Dr. Ajay Kumar Kaviti	1. SR Akkala, 2. AK Kaviti, 3. T ArunKumar, 4. VS Sikarwar	Progress on Suspended Nanostructured Engineering Materials Powered Solar Distillation-A Review	Renewable and Sustainable Energy Reviews	Volume 143, June 2021 Pp 110848 https://doi.org/10.1016/j.rsener.2021.110848	SCI/ SCOPUS/ Web of science/ Google Scholar  Impact factor 14.98 ELSEVIER	ISSN 1364-0321 Citations 5
2.	Dr. K. Aruna Prabha	1. L Srinivasa Rao, 2. Ch. Sai Phani Kumar 3. K Aruna Prabha 4. P Raghavendra Rao	Effect of zirconium oxide nanoparticles on physical, structural and magnetic properties of Bi ₂ O ₃ -B ₂ O ₃ -MnO ₂ glasses	Ceramics International	Volume 46, Issue 18, Part A, 15, Pp 28292-28299 DOI: 10.1016/j.ceramint.2020.07.332	SCI/ Scopus  Impact Factor 4.527 ELSEVIER	ISSN. 0272-8842









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3.	Dr. Ajay Kumar Kaviti	Dr. K. Ajay Kumar	Specific Soft Computing Strategies for Evaluating the Performance and Emissions of an SI Engine Using Alcohol-Gasoline Blended Fuels—A Comprehensive Analysis	Archives of Computational Methods in Engineering	Volume 27, Issue 4, September 2020	SCI/Scopus Impact Score: 6.84 SPINGER 	ISSN 1886-1784 1134-3060
4.	Dr. B.V.R. Ravi Kumar	1. M. Venkata Ramana 2. G. Krishna Mohana Rao , 3. Bidya Sagar 4. Ravi Kumar Panthangi 5. B.V. Raja Ravi Kumar	Optimization of Surface Roughness and Tool Wear In Sustainable Dry Turning Of Iron Based Nickel A286 alloy using Taguchi's method	Cleaner Engineering and Technology	Volume 2, June 2021, 100034 https://doi.org/10.1016/j.clet.2020.100034	SCOPUS  ELSEVIER Impact Factor 2.442	ISSN: 2666-7908
5.	Dr. Ajay Kumar Kaviti	1. Amit kumar Thakur, 2. Ajay Kumar Kaviti, 3. Rajesh Singh, 4. Anita Gehlot	An Overview of Butanol as Compression Ignition Engine Fuel	International Journal of Energy for a Clean Environment	Volume 21 Issue 4, Pp 333-354, October 2020 DOI: 10.1615/IntJEnCleaEnv.202003366	Scopus Impact Score: 1.68	ISSN: 2150-363X, 2150-3621 Citations 3

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6.	Dr. Ajay Kumar Kaviti	1. Ajay Kumar Kaviti, 2. Amit Kumar Thakur	Prediction of Coefficient of Friction by Using Ring with Triangular Boss Compression Test	Advances in Materials and Processing Technologies	https://doi.org/10.1080/2374068X.2021.1945295 1-14, June 2021	SCOPUS  Impact Score: 1.56	ISSN: 2374-068X (print), 2374-0698 (online)
7.	Dr. Ajay Kumar Kaviti	1. AK Thakur, 2. AK Kaviti, 3. R Singh, 4. A Gehlot	Modelling the Performance and Emissions Of Ethanol– Gasoline Blend On a Gasoline Engine Using ANFIS	International Journal of Ambient Energy	https://doi.org/10.1080/01430750.2021.1873856 1-14, January 2021	SCOPUS  Impact Score: 1.740	ISSN: 2162-8246, 0143-0750 Citations 2
8.	Dr. K. Balashowry	1. S. H. Gawande 2. A. S. Bantia, 3. Dr. K. Balashowry	Study on Wear Analysis of Substitute Automotive Brake Pad Materials	Australian Journal of Mechanical Engineering	DOI:10.1080/14484846.2020.1831133 October 2020	SCOPUS  Impact Score: 1.24	ISSN: 1448-4846
9.	Dr. V. Siva Rama Krishna	1. Siva Rama Krishna Valiveti , 2. Hussain Shaik, 3. K. Vijaya Kumar Reddy	Analysis On Impact Of Thermal Barrier Coating On Piston Head In CI Engine Using Biodiesel	International Journal of Ambient Energy	https://doi.org/10.1080/01430750.2021.1831592	SCOPUS Impact Score: 1.740 	Print ISSN: 0143-0750 Online ISSN: 2162-8246 Citation 1
10.	Mr. L.	1. Mr. L.	Experimental	ENERGY	Volume	Web of	ISSN:257






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11.	Mr. H. Naresh	1. Mr. H. Naresh, 2. Dr. Chinmay a Prasad Padhy	Lathe Parameters Optimization for UD-GFRP Composite Part Turning with PCD Tool by Taguchi Method	INCAS BULLETIN	Volume 12, Issue 4/ 2020, pp. 135 – 144 December 2020 DOI: 10.13111/2066-8201.2020.12.4.12	SCOPUS/ Web of Sciences Impact Factor 1.362	ISSN 2066-8201, (E) ISSN 2247-4528 Citation 1
12.	D. Sarath Chandra	1. D. Sarath Chandra, 2. Omprakash Hebbal, 3. K. Vijaya Kumar Reddy	Experimental Investigations on Shell and Helical Coil Heat Exchanger to Enhance Heat Transfer Rate Using Cu-Ni-Water Hybrid Nano fluids	Journal of Green Engineering (JGE)	Volume-11, Issue-2, pp 1607-1620. February 2021	SCOPUS Impact Score: 1.58	ISSN: 1904-4720 (Print). ISSN: 2245-4586 (Online).
13.	Dr. S.V.S.S. Srinivasa Raju	1. Dr. D. Indira, 2. D.Ravi Kiran, 3. Dr.B.Satyavani, 4. Dr.S.V.S.S. Srinivasa Raju, 5. G.Vanda	Viability of Street Vending Business-A case study on twin cities of Hyderabad	Journal of Contemporary Issues in Business and Government	Volume 27, Issue No. 2 Pp 4385-4395	GOOGLE SCHOLAR	Print ISSN: 2204-1990 Online ISSN: 1323-6903

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14.	V.V.D. Sahithi	1. V.V.D. Sahithi 2. M. Srinivasa Rao 3. C.S.P. Rao	Flower Pollination Algorithm For Multilevel Lot Sizing Optimization	IT in Industry	Volume 9, Issue No.1, 12-Feb-2021 https://doi.org/10.17762/itii.v9i1.110	GOOGLE SCHOLAR	ISSN Online: 2203-1731
15.	Dr. Ajay Kumar Kaviti	1. Ajay Kumar Kaviti, 2. Vankdonth Rajarandher Naike, 3. Akkala Siva Ram, 4. Shaik Hussain, 5. A. Aruna Kumari	Energy And Exergy Analysis Of Double Slope Solar Still With Aluminium Truncated Conic Fin	Materials today- Proceedings	Volume 45, Part 2, 2021, Pp 5287-5394-2877 https://doi.org/10.1016/j.matpr.2020.11.813	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853
16.	1. Bhanu Murthy Soppari 2. Dr. Chennakesava Rao Bandaru	1. Tenugolla Somasundar Siva Saikumar 2. Bhanu Murthy Soppari 3. Chennakesava Rao Bandaru	Design And Simulation Of Automated Pad Printing Machine Using Automation Studio	Materials today- Proceedings	Volume 45, Part 2, 2021, Pp 2871-2877 https://doi.org/10.1016/j.matpr.2020.11.813	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853










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17.	1. Dr. G. Srinivasa Gupta 2. H. Naresh	1.Srinivasa Gupta 2. A. N. Brahmeswararao, 3. H. Naresh	Design and Experimental Analysis of Electro Magnetic Braking System	Materials today- Proceedings	Volume 44, Part 1, 2021, Pp 2833-2839 https://doi.org/10.1016/j.matpr.2020.11.806	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853
18.	1. Dr. Y. Shivraj Narayan 2. Mr. K. Jaya Prakash 3. Dr. B. Satyanarayana	1. Dr. Y. Shivraj Narayan 2. S. Anand Kumar 3. Mr. K. Jaya Prakash 4. Dr. B. Satyanarayana	Functional Testing And Evaluation Of Additively Manufactured Hand Drill Body Prototype	Materials Today: Proceedings	Volume 45, Part 2, 2021, Pp 3585-3595 https://doi.org/10.1016/j.matpr.2020.12.1108	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853
19.	Dr. Y. Shivraj Narayan	1. S. Koteswari, 2. Shivraj Narayan yeole	Development of 3D Printed Orthotic Device For Flat Foot Problem	Materials Today: Proceedings	Volume 44, Part 1, February 2021, Pp 2435-2441 10.1016/j.matpr.2020.12.487	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853
20.	Dr. Y. Shivraj Narayan	1. K. Anirudh, 2.	Development of a 3D Printed Knee	Materials Today: Proceedings	Volume 44, Part 1, 2021,	SCOPUS/ Web of Science/Go	ISSN: 2214-7853

		Shivraj Narayan Yeole	Protective Pad Prototype		Pages 2442-2446 February 2021 DOI:10.1016/j.matpr.2020.12.488	 SCIENCE DIRECT	
21.	Dr B Satyanarayana	1. Kasala Rakesh, 2. B.Satyanarayana 3. Manas Sai Bollu	Manufacturing of Complex Components Using Photogrammetry in Association with Additive Manufacturing	Materials Today: Proceedings	Volume 44, Part 1, February 2021, Pp 2389-2392 https://doi.org/10.1016/j.matpr.2020.12.451	 SCIENCE DIRECT	ISSN: 2214-7853
22.	Dr. B.V.R. Ravi Kumar	1. K. Vijaya Krishna Varma, 2. Ismail Baig, 3. B. V. R. Ravi Kumar, 4. M. Venkata Ramana	Effect Of Friction Stir Welding Parameters on Tool Geometry and Metallurgical Properties of AA 6082-T6 Weldments At Different Weld Zones	Materials Today: Proceeding	Volume 45, Part 2, February 2021, Pp 3195-3200 https://doi.org/10.1016/j.matpr.2020.12.370	 SCIENCE DIRECT	ISSN: 2214-7853
23.	Dr. Ajay Kumar Kaviti	1.Ajay Kumar Kaviti, 2. Akkala Siva Ram, 3. A. Aruna Kumari, 4. Shaik Hussain	A Brief Review on High Performance Nano Materials in Solar Desalination	Materials today- Proceedings	Volume 44, Part 1, December 2020, Pp 282-288 DOI: 10.1016/j.matpr.2020.09.466	 SCIENCE DIRECT	ISSN 2214-7853 Citations 3









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24.	Dr. Ajay Kumar Kaviti	1. Ajay Kumar Kaviti, 2. J. Sri Balaji Ganesh, 3. Akkala Siva Ram, 4. A. Aruna Kumari	An Overview on Hydrogels Materials for Solar Desalination	Materials today- Proceedings	Volume 44, Part 1, February 2021, Pp 2526-2532 https://doi.org/10.1016/j.matpr.2020.12.604	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN 2214-7853
25.	1. Dr. Kode Jaya Prakash 2. Dr. Y. Shivraj Narayan	1. Regalla Rakesh Reddy, 2. Kode Jaya Prakash, Sayina Koteswari, 3. Arvind U, 4. Balla Srinivasa Prasad, 5. Y. Shivraj Narayan	Additive Manufacturing of a Human Mandible and Finite Element Analysis Of Dental Implant for Prosthodontic Applications	Materials today- Proceedings	Volume 45, Part 2, 2021, Pp 3028-3035, February 2021 https://doi.org/10.1016/j.matpr.2020.12.055	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN 2214-7853
26.	Dr. Ajay Kumar Kaviti	1. Ajay Kumar Kaviti, 2. Begari Mary, 3.	Influence of Aluminum Parabolic Fins as Energy Absorption Material in the	Materials today- Proceedings	Volume 44, Part 1, February 2021, Pp 2521-	SCOPUS/ Web of Science/Google Scholar Impact	ISSN 2214-7853 Citation 1

		Akkala Siva Ram, 4. A. Aruna Kumari	Solar Distillation System		252 https://doi.org/10.1016/j.matpr.2020.12.603	factor 1.24  SCIENCE DIRECT	
27.	Dr. Ajay Kumar Kaviti	1. Ajay Kumar Kaviti, 2. Begari Mary, 3. Akkala Siva Ram, 4. A. Aruna Kumari	Development of Hierarchy Structures for enhanced Solar Desalination	Materials Today: Proceedings	Volume 44 Pp 315-320 January 2021	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN 2214-7853
28.	Dr. Jayashri N Nair	1. Jayashri N Nair 2. Y.V.V.S atyanarayana Murthy	Impact Of Tamarindus Indica Biodiesel Blends On Performance And Exhaust Emissions Characteristics	Materials Today: Proceedings	Volume 45, Part 2, 2021, Pp 2697-2701 27 January 2021 DOI: 10.1016/j.matpr.2020.11.537	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN 2214-7853
29.	1. N.Srilatha 2. T. Malyadri 3. V.V.D. Sahithi 4. Ch. Priyadarshini	1. N.Srilatha 2. T. Malyadri 3. V.V.D. Sahithi 4. Ch. Priyadarshini	Design of Unmanned Guided Vehicle For Rescue Missions	Materials today- Proceedings	Volume 45, Part 2, Pp 3177-3185, February 2021 https://doi.org/10.1016/j.matpr.2020.12.3	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN 2214-7853









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31.	Ch. Priyadarshini	1. Priyadarsini Morampudi, 2. Kiran Kumar Namala, Yeshwanth Kumar, 3. Gajjela Majjiga, 4. Barath Ganaparthi,	Review on Glass Fiber Reinforced Polymer Composites	Materials Today: Proceedings	Volume 43, Part 1, 2021, Pp 314-319 https://doi.org/10.1016/j.matpr.2020.11.669	 SCIENCE DIRECT	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24 ISSN 2214-7853 Citations 9
32.	Dr. V. Siva Rama Krishna	1. V. Siva Rama Krishna 2. Shaik Hussain,	Experimental evaluation of impact energy on oobleck material (non-	Materials today- Proceedings	Volume 45, Part 2, 2021, Pp 3609-3617, February	SCOPUS/ Web of Science/Google Scholar Impact	ISSN 2214-7853 Citation 1

		3. CH. Ravi Kiran 4. K. Vijaya Kumar	Newtonian fluid)		2021 https://doi.org/10.1016/j.matpr.2020.12.1112	 factor 1.24 SCIENCE DIRECT	
33.	1. Ch.Naveen Reddy 2. Mrs.Ch. Rajeswari 3. Mr. T. Malyadri 4. Mr. S. N. S. Sai Hari	1. Ch.Naveen Reddy 2. Mrs.Ch. Rajeswari 3. Mr. T. Malyadri 4. Mr. S. N. S. Sai Hari	Effect Of Moisture Absorption On The Mechanical Properties Of Jute/Glass Hybrid Sandwich Composites	Materials Today: Proceedings	Volume 45, Part 2, 2021, pp 3307-3311 https://doi.org/10.1016/j.matpr.2020.12.639	 SCOPUS/ Web of Science/Google Scholar Impact factor 1.24 SCIENCE DIRECT	ISSN: 2578-4862
34	S. Swetha	1. S. Swetha, 2.Chinmaya Prasad Padhy	Research contribution and potential investigation on friction stir welding for AA2014 material family	Materials Today: Proceedings	Volume 45, Part 2, 2021, pp 3307-3311 https://doi.org/10.1016/j.matpr.2020.12.639	 SCOPUS/ Web of Science/Google Scholar Impact factor 1.24 SCIENCE DIRECT	ISSN: 2578-4862
35	D. Sarath Chandra	1. D. Sarath Chandra, 2. Omprakash Hebbal, 3. K. Vijayakumar Reddy	Experimental Analysis of Heat Transfer Coefficient In Counter Flow Shell And Helical Coil Tube Heat Exchanger With Hybrid Nanofluids To Enhance Heat Transfer Rate	Turkish Journal of Computer and Mathematics Education	Volume .12, Issue No2 (2021), Pp 2868-2875, April 2021	SCOPUS	ISSN: 1309-4653 (online)



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			Using In Food Processing Industries				
36.	Mr. T. Malyadri	1. M V A RAMAK RISHNA , 2. T.Malya dri, 3. N.Chandra Sekar Reddy	The Investigation Of Experimental Approach For Evaluating And Testing The Fracture Durability Of MMC	PALARCH' S JOURNAL OF ARCHAEO LOG Y OF EGYPT/EG YPT OLOGY	Volume 17, Issue No. 7 January 2021	SCOPUS	ISSN 1567-214X
37.	Dr. K. Balashowry	1.Dr. K. Balashowry, 2. T. Sai Krishna, 3. K. Hari Charan Reddy, 4. Mandhula Kalyan	Effect of Heat Transfer through Arbitrary Shaped fins using Computational Fluid Dynamics	International Journal of Engineering and Advanced Technology (IJEAT)	Volume 10, Issue No 1, Pp 180-187 DOI:10.35940/ijeat.A1790.1010120	SCOPUS	ISSN 2249-8958
38.	1. Mr. S. Bhanu Murthy, 2.Mr. P. Narendra, 3. Dr. M. S. Sreenivasa Rao	1. Mr. S. Bhanu Murthy, 2.Mr. P. Narendra , 3. Dr. M. S. Sreenivasa Rao	Design And Simulation Of Pneumatic Applications For Industry Using Automation Studio	International Journal of Applied Engineering Research and Development (IJAERD)	Vol. 11, Issue 1, June 2021, 21-26	Google Scholar/ Cross Ref	ISSN (E): 2278–9383 ISSN (P): 2250–1584
39.	D. Sarath Chandra	1. D. Sarath Chandra 2. OmprakashHebbal 3. K.Vijayakumar Reddy	Experimental Investigations on Cylindrical Shell and Helical Coil Heat Exchanger by Varying Pitch, Flow Rate and Volume	International Research Journal of Engineering and Technology	Volume: 08, Issue: 06, June 2021	Google scholar	e-ISSN: 2395-0056

			Concentration				
40.	Mr. H. Naresh	1. Durishetti Aravind Swamy 2. Kokkiligadda Abhikesh Chandra 3. Muthyala Thanu Sree 4. Hazari Naresh	Improving Fuel Consumption While using Air Conditioning in Vehicles	International Journal of Science and Research (IJSR)	Volume 9 Issue 9, September 2020 Pp 873-878 Paper ID: SR20827151028	Index Medicus	ISSN: 2319-7064
41.	Ajay Kumar Kaviti	1. Amit Kumar Thakur 2. Ajay Kumar Kaviti 3. Jayashri N Nair	The Effects Of Aerofoil Profile Modification On A Vertical Axis Wind Turbine	International Journal of Scientific & Technology Research	Volume 9, Issue 10, October 2020	Google Scholar	ISSN 2277-8616



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Academic Year: 2020-2021 (NATIONAL JOURNALS)

S. No.	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference /Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC/ refereed Journals)	ISBN/ISSN of the Journal/ Proceedings
1..	1. K Aruna Prabha 2.Ch. Priyadarshini 3. Swetha	1. Priyadarshini Morampudi, 2. VSN Venkata Ramana, 3. K Aruna	A Review on Thin Film Production by Convectional and 3-D Printing Methods	Trends in Mechanical Engineering & Technology	Volume 10, Issue 3, Pp 10-15	STM JOURNAL	ISSN: 2231-1793 (Online), ISSN: 2347-9965 (Print)

		Prabha, 4. S Swetha, 5. AN Brahmes wara Rao					
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Faculty INTERNATIONAL JOURNAL Publications

Academic Year: 2019-20

S. No.	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference/ Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC/ refereed Journals)	ISBN/ISSN of the Journal/ Proceedings
1.	Jayashri Nair	1. Jayashri Nair 2. Satyanarayana Murthy 3. Ramesh Gautam Edeira	Synthesis of Algale Biodiesel Using K ₂ CO ₃ /Zno Heterogeneous Base Catalyst and Its Characterization	Rasayan Journal of Chemistry	Volume - 12 Issue – 4, September 2019 http://dx.doi.org/10.31788/RJC.2019.1245273	SCOPUS Cite score 2.1 	ISSN: 0974-1496 Citations 2
2.	Jayashri Nair	1. Jayashri Nair, 2. Y.V.V. Sattanarayana Murthy, 3. Javes Syed	Combustion and Emission Characteristics of Light Duty Diesel Engine Fuelled with Transesterified Algale Biodiesel by K ₂ CO ₃ /Zno Heterogeneous	Energy Sources, Part A: Recovery, Utilization, and Environmental effects	https://doi.org/10.1080/15567036.2020.1779415	SCOPUS 	ISSN: 1556-7230 Citations 3






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3.	1. Ajay Kumar Kaviti 2. Kiran Kumar Namala 3. G. Srinivasa Gupta	1. Ajay Kumar Kaviti, 2. K Sravani, 3. Kiran Kumar Namala, 4. G Srinivasa Gupta, 5. Amit Kumar Thakur	Effect Of Dual Resin On Mechanical Properties Of Jute Glass Fibre Reinforced Hybrid Composite	Materials Research Express	Volume 6, Number 12 February 2020 DOI:10.1088/2053-1591/ab6e79	SCOPUS 	Online ISSN: 2053-1591 Citation 1
4.	Ch. Naveen Reddy	1.Ch. Naveen Reddy 2. M. Bhargav 3. T. Revanth	Bending Analysis of Piezoelectric Functionally Graded Material Plates Using HSDT	Material Science Forum	Volume-969 Pp 116-121, August 2019	SCOPUS /ICI Impact factor 0.55	ISSN: 1662-9752
5.	1.Dr. G. Srinivasa Gupta 2. Dr. N. Kiran Kumar 3. Dr. K. Ajay Kumar	1.Dr. G. Srinivasa Gupta 2. Dr. N. Kiran Kumar 3. Dr. K. Ajay Kumar	Analytical And Numerical Investigation on Interlaminar Stress Pattern In FRP Composites	Materials today proceedings	Volume – 18 Issue : (2019) , Pp: 4305-4315 November 2019 https://doi.org/10.1016/j.matpr.2019.07.389	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853
6.	1. Ajay Kumar Kaviti	1. Ajay Kumar Kaviti 2. Kiran Kumar	Modeling And Simulation on Composite	Materials today proceedings	Volume – 18 Issue: (2019), Pp: 5364–5372	SCOPUS/ Web of Science/Go	ISSN: 2214-7853 Citation

	<p>2. Kiran Kumar Namala 3. G Srinivasa Gupta 4. Ch. Naveen Reddy</p>	<p>Namala, G 3. Srinivasa Gupta 4. Ch. Naveen Reddy</p>	<p>Laminates Subjected to Low Velocity Impact</p>		<p>November 2019 https://doi.org/10.1016/j.matpr.2019.07.563</p>	<p>Google Scholar Impact factor 1.24</p>  <p>SCIENCE DIRECT</p>	<p>1</p>
7.	<p>1.G.Srinivasa Gupta, 2.N.Kiran Kumar, 3. K.Ajay Kumar</p>	<p>1.G.Srinivasa Gupta, 2.N.Kiran Kumar, 3. K.Ajay Kumar</p>	<p>Estimation of Microscopic Variables for Materials System Optimization using Cluster Variation Method</p>	<p>Material Today Proceedings</p>	<p>Volume 26, Part 2, Pp 1621-1625, March 2020 https://doi.org/10.1016/j.matpr.2020.02.335</p>	<p>SCOPUS/ Web of Science/Google Scholar Impact factor 1.24</p>  <p>SCIENCE DIRECT</p>	<p>ISSN: 2214-7853</p>
8.	<p>1.Dr. M V R D Prasad 2.T Malyadri, 3. S.N.S. Sai Hari</p>	<p>1.Dr. M V R D Prasad, 2.T Malyadri, 3. S.N.S. Sai Hari</p>	<p>Sensitivity Analysis For Process Parameters Influencing Surface Roughness Of Hardened Steel In Dry Machining Process</p>	<p>Material Today Proceedings</p>	<p>Volume 26, Part 2, Pages 2521-2524, March 2020 DOI: 10.1016/j.matpr.2020.02.536</p>	<p>SCOPUS/ Web of Science/Google Scholar Impact factor 1.24</p>  <p>SCIENCE DIRECT</p>	<p>ISSN: 2214-7853</p>
9.	<p>Dr B Satyanarayana</p>	<p>1. Shaik Shabbir, 2. B.Satyanarayana, 3. K.Sreeramulu</p>	<p>Characterization of Hyperelastic Material by Experimental Tests and Curve Fitting</p>	<p>Materials Today Proceedings</p>	<p>Volume 24, pp 1670–1679 May 2020</p>	<p>SCOPUS/ Web of Science/Google Scholar Impact factor 1.24</p>	<p>ISSN: 2214-7853</p>










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10.	Dr B Satyanarayana	1. Ameti Rajesh, 2. B. Satyanarayana, 3. K. Sreeramulu	Characterization of Hyperelastic Material Using Experimental Data and Finite Element Simulation	Materials Today Proceedings	Volume 24, pp 1670–1679 May 2020 https://doi.org/10.1016/j.matpr.2020.04.488	 SCIENCE DIRECT	ISSN: 2214-7853
11.	Dr. B.V.R. Ravi Kumar	1. M. Venkata, Ramana, 2. B.V.R. Ravi Kumar, 3. M. Krishna, 4. M. Venkateshwar Rao, 5. V.S. Kumar	Optimization and influence of process parameters of dissimilar SS304L – SS430 joints produced by Robotic TIG welding	Materials today proceedings	Volume 23, Part 3, Pp 479-482 July 2019 https://doi.org/10.1016/j.matpr.2019.05.388	 SCIENCE DIRECT	ISSN: 2214-7853 Citations 3

12.	Dr. K. Ajay Kumar	1. Ahsan Ul Haq, 2. Ajay Kumar Kaviti, 3. Thirumal Rao, 4. Tanya Buddi, 5. Dharavath Baloji, 6. K. Satyanarayana, 7. S.K Singh.	Evaluation and optimization of material properties of ASS 316L at elevated temperatures using Response Surface Methodology	Materials today proceedings	Volume – 18 Issue : (2019) , Pp: 4589–4597, November 2019 https://doi.org/10.1016/j.matpr.2019.07.433	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853 Citations 13
13.	Dr. K. Ajay Kumar	1. Dharanikota Harshini, 2. Ahsan ul Haq, 3. Tanya Buddi. 4. K. Ajay Kumar, 5.A. Anitha Laxmi	Comparative Study on Mechanical Behaviour of ASS 316L	Materials Today proceedings	Volume 19, Part 2, 2019, Pp 767-771, August 2019	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853
14.	K. Aruna Prabha	1. K. Aruna Prabha 2. B. Srinivasa Prasad.	Machining of Steam Turbine Blade on 5-Axis CNC Machine	Materials Today Proceedings	Volume 18, Issue 7, Pp 3001-3007, October 2019 https://doi.org/10.1016/j.matpr.2019.07.171	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853 Citations 4
15.	1. V.V. D. Sahithi 2. T. Malayadri 3. N. Srilatha	1. V.V. D. Sahithi 2. T. Malayadri 3. N. Srilatha	Optimization Of Turning Parameters on Surface Roughness Based On Taguchi Technique	Material Today Proceedings	Volume 18, Part 7, November 2019, Pp 3657-3666 https://doi.org/10.1016/j.matpr.2018.02.287	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853 Citations 8








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16.	1. Ch. Priyadarsini 2. Dr. K. Aruna Prabha 3. S. Swetha	1. Ch. Priyadarsini, 2. V.S.N. Venkata 3. Ramana, 4. K. Aruna Prabha, 5. S. Swetha	A Review on Ball, Roller, Low Plasticity Burnishing Process	Materials Today Proceedings	Volume 18, Issue 7, Pp 5087-5099 October-2019 https://doi.org/10.1016/j.matpr.2019.07.505	 SCIENCE DIRECT	ISSN: 2214-7853 Citations 14 Impact factor 1.24
17.	1. Dr. Chennakesava Rao Bandaru 2. Dr. G. Raghu Babu	1. Dr. N. Sandhya 2. Valluripally Sowmya 3. Dr. Chennakesava Rao Bandaru 4. Dr. G. Raghu Babu	Prediction of Mechanical Properties of Steel using Data Science Techniques	International Journal of Recent Technology and Engineering (IJRTE)	Volume-8 Issue-3, Pp 235-240 September 2019 DOI:10.35940/ijrte.C3952.098319	 SCIENCE DIRECT	ISSN: 2277-3878
18.	Dr. S.V.S.S. Srinivasa Raju	1. S.V.S.S. Srinivasa Raju, 2. N. Sandeep	Optimizing Process Parameters of Spark and Wire-Cut EDM through ANOVA using Stainless Steel AISI 316 Material	International Journal of Engineering and Advanced Technology (IJEAT)	Volume-9, Issue-2, Pp 817-821 December 2019 DOI: 10.35940/ijeat.B3840.129219	 SCIENCE DIRECT	ISSN: 2249 – 8958
19.	Dr. S.V.S.S. Srinivasa	1. Dr.D. Indira, 2. Dr.Y. Rama	An Analysis of the	International Journal of	Volume. 24, Issue 05 ,	 SCIENCE DIRECT	ISSN: - 1475-

	Raju	Krishna Prasad, 3. Dr.K.V.S. Raju, 4. Dr.Y. Jeevan Nagendra Kumar, 5. S. Ravindrachary, 6. Dr.S.V.S.S. Srinivasa Raju, 7. G. Rahul Kumar Reddy	Performance of Micro-entrepreneurs in Twin Cities of Hyderabad	Psychosocial Rehabilitation	Pp 5112-5117 April 2020 DOI: 10.37200/IJPR/V24I5/PR2020218		7192
20.	1. Dr E. V. Ramana 2. N. Kiran Kumar	1. VongurRamulu , 2.E. V. Ramana 3. N. Kiran Kumar	Predictive Modelling for Quality Prediction and Assurance of Extrusion Blow Molding	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume-8 Issue-11, Pp 1364-1368 September 2019 DOI: 10.35940/ijitee.J9676.0981119	SCOPUS	ISSN: 2278-3075
21.	1. Dr E. V. Ramana 2. N. Kiran Kumar	1. E.V. Ramana, 2. Vongur Ramulu, 3. N. Kiran Kumar	Predictive Modeling For Quality Assurance Of Extrusion Blow Molding	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Vol. 10, Issue 3, Jun 2020, Pp 8315–8322	SCOPUS	ISSN(P) : 2249-6890; ISSN(E) : 2249-8001
22.	1. Dr E. V. Ramana 2. N. Kiran Kumar	1. K. Ramesh, 2. K. Ruthvik Reddy, 3. E. V. Ramana 4. N. Kiran Kumar	Machine Learning Approach For Surface Defects Identification Of Shielded Metal Arc Welding	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Volume 10, Issue 3, June 2020, Pp 8415-8424	SCOPUS	ISSN(P) : 2249-6890; ISSN(E) : 2249-8001
23.	Dr. B.V.R. Ravi Kumar	1.K.Nageswara Rao, 2.Dr. B.V.R. Ravi Kumar 3.Dr. M.T.Naik	Experiment GTAW of AL 6061-T6 Material with SUS 304	International Journal of Innovative Technology and Exploring Engineering	Volume-8 Issue-2, July 2019. Pp 5271-5274 DOI: 10.35940/ijrte.B1059.078219	SCOPUS	ISSN 2 277-3878



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24.	Dr. B.V.R. Ravi Kumar	1. K. Vijaya Krishna Varma, 2. B. V. R Ravi Kumar, 3. M. Venkata Ramana	Influence of Mx-Trivex, A-Skew, Three Flat Threaded and Concave Shouldered Mx-Triflute Tool Pin Profiles on Tensile Properties and Fractural Behaviour of AA 6082-T6 Weldments during Friction Stir Welding	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume 9 Issue 4 Pp 1376 – 1384 February 2020 https://www.sciencegate.app/document/10.35940/ijitee.d1638.029420#:~:text=10.35940/ijitee.d1638.029420	SCOPUS	ISSN: 2278-3075
25.	Dr. B.V.R. Ravi Kumar	1. K. Vijaya Krishna Varma, 2. P. Sneha, 3. B.V.R. Ravi Kumar, 4. M. Venkata Ramana	Experimental Examination of Weld Hardness Profile with Various Tool Pin Probes using Friction Stir Welding of AA 6082-T6 Aluminum Alloy	International Journal of Recent Technology and Engineering (IJRTE)	Volume-8 Issue-6, Pp 3514-3518. March 2020 DOI:10.35940/ijrte.F8521.038620	SCOPUS	ISSN: 2277-3878
26.	Dr. B.V.R. Ravi Kumar	1. P. Sneha, 2. K. Vijaya Krishna Varma, 3. S.R. Shiva Kumar, B.V.R. Ravi Kumar, 4. M. Venkata Ramana	Effect of Skewness during Friction Stir Welding of dissimilar Aluminum Alloys AA 5083-H116 and AA 6082-T6 Including Fracture Observations	International Journal of Innovative Technology and Exploring Engineering (IJITEE) Scopus Indexed Journal	Volume -9, Issue -6, pp. 1896-1900, April, 2020 DOI: 10.35940/ijitee.F4703.049620	SCOPUS	ISSN: 2278-3075

27.	Kode Jaya Prakash	1.Kode Jaya Prakash 2. Dr.Balla Srinivasa Prasad	Modeling and Additive Manufacturing of a Missing Teeth Human Mandible	International Journal of Engineering and Advanced Technology (IJEAT) DOI:10.35940/ijeat.f1321.0886s219	Volume 8 Issue 6(2) Pp 1071-1075 August 2019	SCOPUS	ISSN 2249-8958 (online)
28.	Kode Jaya Prakash	1. Kode Jaya Prakash, 2. Dr.Balla Srinivasa Prasad, 3. Dr. Arvind UD	FEA Analysis Of An Implant Genesis Aktiv Model In The Determination Of Insertion Torque And Occlusal Force	International Journal of Mechanical Engineering and Production Research and Development (IJMPRED)	Volume 10 Issue 3 Pp 1017-1032 June 2020	SCOPUS	ISSN: 2249-6890
29.	1. S. Bhanu Murthy 2. K.Nagendra Babu	1. Akula Swathi 2. S.Bhanu Murthy, 3. K.Nagendra Babu	Evaluation of Mechanical Properties of GFRP Composites with Fillers	International Journal of Innovative Technology and Exploring Engineering	Volume-8 Issue-1, Pp. 3997-4001, September 2019 DOI:10.35940/ijitee.K2216.0981119	SCOPUS	ISSN: 2278-3075
30.	1. S. Bhanu Murthy 2. A. N. Brahmeswara Rao	1. B. Hemanth Kumar Reddy 2. S. Bhanu Murthy 3. A. N. Brahmeswara Rao, 4. Dr. N. Kishore Nath 5. Dr. P. Ramesh Babu	Experimental Investigation On Impact Of MWCNTS for Delamination Of GFRP Composites	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Volume 10, Issue 3, June 2020, Pp 6645–6652	SCOPUS	ISSN(P) : 2249-6890; ISSN(E) : 2249-8001



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31.	S. Bhanu Murthy	1. S. Bhanu Murthy 2. M. Amarthy Eshwar 3. Shaik Masroor Ahmed, 4. B. Naveen 5. R. Sachin 6. R. Arun	Optimization Of Composite Fiber Orientation Angle Using Parametric Analysis In Ansys Composite Pre-Post	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Volume 10, Issue 3, June 2020, Pp 6669–6678	SCOPUS	ISSN(P) : 2249-6890; ISSN(E) : 2249-8001
32.	S. Bhanu Murth	1. S. Bhanu Murthy 2. B. Vamshi Kiran	Programmable Logic Controller Based Product Sorting System by Using Colour Detection Sensor	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Volume 10, Issue 3, June 2020, Pp 6247-6254	SCOPUS	ISSN(P) : 2249-6890; ISSN(E) : 2249-8001
33.	1. S. Bhanu Murthy 2. Dr. M. S. Sreenivasa Rao 3. Narendra Pothula	1. Soppari Bhanu Murthy 2. Dr. M. S. Sreenivasa Rao 3. Narendra Pothula	Evaluation of Mechanical Properties of Hybrid Composite	International Journal of New Innovations in Engineering and Technology	Volume 14 Issue 1 June 2020 Pp 8-13	UGC Journal Number 47645	ISSN: 2319-6319
34.	1. Dr. G. Raghu Babu 2. Ch.Priyadarsini,	Dr.G. Raghu Babu, Ch.Priyadarsini, S. Aishwarya, V.Sirisha, G.Swathi	Integration Of CAD/CAM Softwares For Manufacture Of Mechanical Components	International Journal for Research in Engineering Application & Management (IJREAM)	Volume 6, Issue 3, Pp 296-230 June 2020	UGC Care Journal No 64077	ISSN : 2454-9150
35.	Ch. Priyadarsini	1. Priyadarshini 2. Ch. M. Kalyan Naik	Design of Ultrasonic Conical Horn using Aluminium Alloy and Steel	International Journal of Engineering and Advanced Technology (IJEAT)	Volume-9, Issue-2, December, 2019, Pp 4326-4329 DOI: 10.35940/ijeat.B4527.129219	SCOPUS	ISSN: 2249 – 8958

36.	Dr. V. Siva Ramakrishna	1. Madhu Sudhan 2. Dr. V. Siva Ramakrishna	Influence of Tool Pin Profile and Tool Rotating Speed On Mechanical Properties of AL6082 alloy	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume-8 Issue-12, Pp 3342-3347 September 2019 DOI: 10.35940/ijitee.L2832.1081219	SCOPUS	ISSN: 2278-3075
37.	N. Srilatha	1. Nimmagadda Srilatha, 2. Balla Srinivasa Prasad, 3. Padmaja Anipey	3D Finite Element Modeling and Simulation of Friction Drilling Process	International Journal of Engineering and Advanced Technology (IJEAT)	Volume-9 Issue-2, December, 2019	Google Scholar	ISSN: 2249 – 8958,
38.	Kode Jaya Prakash	1.Kode Jaya Prakash 2. Dr.Balla Srinivasa Prasad 3. Dr. Arvind UD	Advancements of 3D Printing Technology in Dentistry- A Review	Journal of Mechatronics Machine Design & Manufacturing	Volume 1, Issue 1, Pp: 34-50 August 2019	Google Scholar	ISSN: 2581-9771
39.	K. Nagendra Babu	1. Kadiyala Jhansi, 2. Kondru Nagendra Babu 3. Lokavarapu Bhaskara Rao	The Effect of Moisture on the Properties of Glass Fiber Polymer Matrix Composites with MoS ₂ and CaCO ₃	International Journal of Engineering and Advanced Technology (IJEAT)	Volume-8, Issue-6, August 2019 DOI: 10.35940/ijeat.F9090.088619	Google Scholar	ISSN: 2249–8958 Citation 1
40.	Gourav Tiwari	1. P. Satya Dharma Teja, 2. Gourav Tiwari	Experimentation on Mechanical Properties and Machinability of Al7075/Al ₂ O ₃ /Gr/Sic Metal Matrix Component	International Journal of Recent Technology and Engineering	Volume-8 Issue-5, Pp. 5024-5031, January 2020 DOI:10.35940/ijrte.E6905.018520	Google Scholar	ISSN: 2277-3878
41.		1.J. Sreedevi, 2. M. Shreya Reddy, 3. B.	EyeBall Movement based Cursor Control using	International Journal of Innovative Technology	Volume-9 Issue-7, Pp 392-395, May 2020	Crossref	ISSN 2278-3075



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		Satyanarayana	Raspberry Pi and Open CV	and Exploring Engineering (IJITEE)	DOI: 10.1016/j.matpr.2020.04.489		
42.	V. V. D Sahithi	1. K. Muqtadar Ali Khan 2. V. V. D Sahithi 3.K. Vijaya Krishna Varmal	A Novel Survey on Fabrication and Characterization of Aluminium Fly Ash Composites using Stir Casting Method	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Pp : 5347-5356/ Volume : 10-3 / Issue Date: 2020-06-30	SCOPUS	ISSN(P) : 2249-6890; ISSN(E) : 2249-8001

Faculty Journal Publications

Academic Year: 2018-19

S. No.	Name of Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference/Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC/ refereed Journals)	ISBN/ISSN of the Journal/ Proceedings
1.	1. . Kiran Kumar	1. Ranjith Kumar	Damage Characterization	Journal of Sandwich	DOI: 10.1177 /109963621879	SCI/ SCOPUS/	ISSN: 1099-6362

	<p>Namala</p> <p>2. Dr. B. Chennakesava Rao</p> <p>3. Naga Sri Saihari Sunkara,</p>	<p>Pathipaka, 2. Kiran Kumar Namala, 3. Naga Sri Saihari Sunkara, 4. Chennakesava Rao Bandaru</p>	<p>n of Sandwich Composites Subjected to Impact Loading</p>	<p>Structures & Materials</p>	<p>2717, August 2018, pp 1-14</p>	<p>Google Scholar</p>  <p>Impact Factor 5.497</p>	
2	<p>Dr. Ajay Kumar Kaviti</p>	<p>1. Ajay Kumar Kaviti, 2. Akilesh Yadav 3. Amit Shukla</p>	<p>Experimental Investigation Of Solar Still With Opaque North Triangular Face</p>	<p>International Journal of Green Energy</p>	<p>DOI: 10.1080/15435075.2019.1578658, June 2019</p>	<p>SCI/ SCOPUS</p> 	<p>ISSN: 1543-5075</p>
3.	<p>Jayashri N. Nair</p>	<p>1. Gautam Edara, 2. Y.V.V. Satyanarayana Murthy, 3. Paleti Srinivas, 4. Jayashri Nayar, 5. Merigala Ramesh</p>	<p>Effect Of Cooled EGR On Modified Light Duty Diesel Engine For Combustion, Performance And Emissions Under High Pressure Split Injection Strategies</p>	<p>Case Studies in Thermal Engineering</p>	<p>Volume 12, September 2018, Pp 188-202 https://doi.org/10.1016/j.csit.2018.03.004</p>	<p>SCOPUS/UGC/ Google Scholar Impact Score: 4.92</p> 	<p>ISSN 2214-157X/</p>
4.	<p>Jayashri N. Nair</p>	<p>1. Jayashri Nair 2. Y. V.V. Satyanarayana Murthy, 3. N.S. Chaitanya, 4. M. Ramesh</p>	<p>Transesterification Of Algae Oil Using K₂CO₃ /ZnO Heterogeneous Base Catalyst</p>	<p>Asian Journal of Chemistry</p>	<p>Volume 31, Issue No.5, Pp 1100-1104, 28th March 2019</p>	<p>SCOPUS , EBSCO host, CNKI/UGC Journal Number 8774 https://asianpubs.org/index.php/ajchem/article/view/253</p>	<p>ISSN 0970-7077</p>
5.	<p>Dr. Ajay Kumar Kaviti</p>	<p>1.K.Karun Kumar, 2. Ajay Kumar Kaviti, 3. N. Kiran Kumar</p>	<p>Experimental Investigation of Friction Stir Welded AA5052 using Square and Pentagonal Tool Pins</p>	<p>Materials Today: Proceedings</p>	<p>Volume 5, Issue 9, Part 3, October 2018, Pp 18230-18237</p>	<p>SCOPUS/ Web of Science/Google Scholar Impact factor 1.24</p>  <p>SCIENCE</p>	<p>ISSN: 2214-7853</p>





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6.	Dr. Ajay Kumar Kaviti	1. Pulkit Solanki 2. Ajay Kumar Kaviti	Design and computational Analysis of Semi-Elliptical and Parabolic Leaf Spring	Materials Today: Proceedings	Volume 5, Issue 9, Part 3, October 2018, Pp 19441-19455	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853
7.	K. Aruna Prabha	1. K. Aruna Prabha, 2. Prasad Kumar Putha, 3. Balla Srinivasa Prasad	Effect of Tool Rotational Speed on Mechanical Properties Of Aluminum Alloy 5083 Weldments in Friction Stir Welding	Materials Today: Proceedings	Volume 5, Issue 9, October 2018, Pp 4368-4375	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853
8.	Dr. Ajay Kumar Kaviti	1. M Phani Raj, 2. K Ramasawamy, 3. K. Ajay Kumar	Characterization of Silk and Flax Natural Fibres Reinforced Polymer Composites	IOP series: Material Science and Engineering	Volume 455, December 2018	Web of Sciences	ISSN: 1757-899X
9.	Dr. B. V. R. Ravi Kumar	1. S. Veerendra Prasad 2. B.V.R. Ravi Kumar, 3. V.V. Subba Rao	Optimization of Process Parameters in Hard Turning of AISI 5150 Steel by ANOVA	International Journal of Recent Technology and Engineering (IJTRTE)	Volume 7, Issue 4, November 2018, Pp 108-110	SCOPUS/ Google Scholar	ISSN: 2277-3878

10.	Dr. B. V. R. Ravi Kumar	1.A. Raveendra, 2. B. V. R. Ravi Kumar, 3.S. Sudhakara Reddy.	MICRO-Hardness And Mechanical Properties of 5052 Aluminium Alloy Weldments Using Pulsed And Non-Pulsed Current Gas Tungsten Arc Welding	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Vol. 8, Issue 6, Pp 691-698, December 2018	SCOPUS	ISSN: 2249-8001
11.	1 CH. Naveen Reddy 2. M. Bhargav	1. Ch. Naveen Reddy, 2. M. Bhargav, 3. V. Pranay 4. Deepak Reddy, 5. T. Pranay Nag	Design And Analysis of a Two Stage Reduction Gearbox	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Volume. 8, Issue 4, August 2018, Pp 541-550	SCOPUS / Google Scholar	ISSN(P): 2249-6890; ISSN(E): 2249-8001
12.	K. Aruna Prabha	1. P Prasad Kumar, 2. K Aruna Prabha, 3. Ch Priya Darsini 4. S Swetha	Development and Applications of HHO Water Based Flame Torch	International Journal of Recent Technology and Engineering	Volume- 7, Issue 6S, Pp 515-519 March, 2019	SCOPUS	ISSN: 2277-3878
13.	Dr. E. Venkata Ramana	Dr. E. V. Ramana	Computer Supported Replacement Management Considering Money Value	International Journal for Research in Engineering Application & Management (IJREAM)	Volume 4, Issue 4, July 2018, Pp 172-175	UGC Journal number 64077	ISSN: 2454-9150
14.	V.V.D. Sahithi	1. V. V. D. Sahithi, 2. C. S. P. Rao, 3. M. Srinivasa Rao	Music Based Harmonic Search Algorithm for Multi-Level Inventory Lot Sizing Optimization Problem	International Journal for Research in Engineering Application & Management (IJREAM)	Volume 04, Issue-08, November 2018, Pp 238-244	UGC/ Google Scholar UGC Journal number 64077	ISSN : 2454-9150
15.	Hazari Naresh	1.G. Manideep, H. Naresh	Fabrication and Cutting Force Analysis of GFRP	International Journal for Research in Engineering	Vol-04, Issue-04, Pp 237-242	UGC Journal number 64077	ISSN: 2454-9150



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			Composite Rod	Application & Management (IJREAM)	July 2018		
16.	Ch. Priyadarsini	1. Ch. Naveen Reddy, 2. Ch. Priyadarsini, 3. M. Bhargav	Design and Analysis of Gas Foil Bearings	International Journal for Research in Engineering Application & Management (IJREAM)	Volume 04, Issue-08, November 2018	UGC Journal number 64077	ISSN : 2454-9150
17.	1. Ch. Priyadarsini 2. Gourav Tiwari	1. Swetha S, 2. Priyadarsini Chilukuri, 3. Gourav Tiwari	Modelling and Simulation of A Manufacturing Industry with Integrated Lean Manufacturing Concept	International Journal for Research in Engineering Application & Management (IJREAM)	Volume-04, Issue-08, November 2018, Pp 245-249	UGC Journal number 64077	ISSN : 2454-9150
18.	Dr. V. Siva Rama Krishna	1. Dr. V. Sivarama Krishna, 2. Dr. A Siva Kumar, 3. Dr. A Aruna Kumari	Experimental Investigations on CI Engine Using Biodiesel With Fuel Additives	International Journal of Latest Engineering and Management Research (IJLEMR)	Volume 4, Issue-10, January 2019	SAI : 2016SCIA5 C79XXXX SCIAID : 20165C79	ISSN: 2455-4847.
19.	Dr. V. Siva Rama Krishna	1. Dr. V. Sivarama Krishna, 2. Dr. K. Vijaya Kumar Reddy, 3. Dr. B. Durga Prasad	Analysis of Impact of Various Parameters for LHR Diesel Engine using Biodiesel and its Additives	International Journal of Emerging Technology and Advanced Engineering	Volume 4, Issue-10, February 2018	UGC approved journal IJETAE Serial Number : 4677	ISSN: 2250-2459
20.	Gourav Tiwari	1. K. Anusha 2. Gourav Tiwari	Modelling and Simulation of Material Handling System in Manufacturing Industry	International Journal of Emerging Technology and Advanced Engineering	Volume 8, Issue 4, April 2018, Pp 171-178	UGC Journal Number : 4677	ISSN 2250–2459 (Online)
21.	1 CH. Naveen Reddy 2. M. Bhargav.	1. N. Sucharitha, 2. CH. Naveen Reddy,	Mechanical Characterization Of Unidirectional Banana-Glass	Journal of Emerging Technologies and Innovative Research	Volume 5, Issue 9, September 2018	UGC Journal Number 63975	ISSN: 2349-5162

		3. M. Bhargav	Fiber Reinforced Epoxy Hybrid Composites				
22.	1 CH. Naveen Reddy 2. M. Bhargav.	1. CH. Naveen Reddy 2. Javvaji Dileep 3. M. Bhargav	Bending Analysis of Smart Composite Laminated Plates Using Higher Order Shear Deformation Theory With ZIG-ZAG Function	Journal of Emerging Technologies and Innovative Research	January 2019, Volume 6, Issue 1, Pp 347-352	UGC Journal Number 63975	ISSN-2349-5162

FACULTY JOURNAL INTERNATIONAL PUBLICATIONS

Academic Year: 2017-18

S. No.	Name of the Faculty	Name of Authors	Title of the Paper/ Book Chapter/Books	Title of the Journal /Title of the Conference/ Title of Books	Volume and Issue No./ Year of Publication/ Dates of the Conference & Page Nos.	Indexing (SCI/SCOPUS/ WoS/UGC/refered Journals)	ISBN/ISSN of the Journal/ Proceedings
1.	Dr. Ajay Kumar Kaviti	1. Amit KumarThakur , 2. Ajay KumarKaviti.	Progress In Regulated Emissions Of Ethanol-Gasoline Blends From A	Biofuels	Volume 1, Issue 24, March 2018, DOI - 10.1080/17597269.2	SCOPUS/Web Of Science/ Google Scholar	ISSN: 1759-7269 Citations 5













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			Spark Ignition Engine		018.1464875	 TAYLOR & FRANCIS Impact factor 2.956	
2.	1. Dr. G. Srinivasa Gupta 2. Dr. N. Kiran Kumar 3. Dr. K. Ajay Kumar	1. G. Srinivasa Gupta, 2. N. Kiran Kumar, 3. K. Ajay Kumar	Micro Stress Evaluation and Analysis in FRP Composites for Rocket Motor Casing.	Materials Today: Proceedings	Volume 5, March 2018, Pp 5737-5742 DOI: 10.1016/j.matpr.2017.12.169	 SCOPUS/ Web of Science/Google Scholar Impact factor 1.24 SCIENCE DIRECT	ISSN 2214-7853
3.	1. Kondru Nagendra Babu, 2. Hazari Naresh 3. Dr. G. Srinivasa Gupta	1. Kondru Nagendra Babu, 2. Hazari Naresh 3. G. Srinivasa Gupta	Design And Analysis Of Bolted Joint For Rocket Motor Casing	Materials Today: Proceedings	Volume 5, Issue 2, Part 1, March 2018, Pp 5165-5174 DOI: 10.1016/j.matpr.2017.12.098	 SCOPUS/ Web of Science/Google Scholar Impact factor 1.24 SCIENCE DIRECT	ISSN: 2214-7853 Citations 1
4.	1. Dr. S. V. S. S. Srinivasa Raju 2. Hazari Naresh	1. SVSS Srinivas Raju, 2. Hazari Naresh, 3. N. Raghuvardhan	Design and Fabrication of a System for Harnessing Energy from Road Traffic	Materials Today: Proceedings	Volume 5, March 2018, pp 6189-6194	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24	ISSN : 2214-7853

						 SCIENCE DIRECT	
5.	1. Dr. M. V. R. Durga Prasad 2. Kiran Kumar Namala.	1. M.V.R. Durga Prasad, 2. Kiran Kumar Namala.	Process Parameters Optimization in Friction Stir Welding by ANOVA.	Materials Today: Proceedings	Volume 5, March 2018 Pp 4824-4831 https://doi.org/10.1016/j.matpr.2017.12.057	 SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853 Citations 28
6.	Dr. B. Satyanarayana	1. B. Satyanarayana 2. P. RuthvikNithin	Optimization of Controllable Turning Parameters for High speed Dry Machining of a Super Alloy	Materials Today Proceedings	Volume 5, Issue 2, Part 1, March 2018, Pp 4878-4886 https://doi.org/10.1016/j.matpr.2017.12.064	 SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN : 2250-2459. Citations 4
7.	Dr. Ajay Kumar Kaviti	1. Amarnadh S. V. 2. Ajay Kumar Kaviti	On the Evaporation of Fine Hydrophobic Camphor Soot Mixed Water	Materials Today: Proceedings	Volume 5, March 2018, pp 18230-18237 https://doi.org/10.1016/j.matpr.2017.12.228	 SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853 Citations 1








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8.	Dr. Ajay Kumar Kaviti	1. AjayKumarKaviti 2. Roopesh Mehra 3. K.K Pathak	Measurement of Top and Bottom Unequal Frictional Values Using Profile Map	Materials Today: Proceedings	Volume 5, Issue 13, Part 3, 2018, pp 27285-2729 https://doi.org/10.1016/j.matpr.2018.09.045	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853 Citations 2
9.	1. Jayashri N. Nair 2. Dr. Ajay Kumar Kaviti	1. JN Nair, 2. AK Kaviti, 3. AK Daram	Analysis Of Performance And Emission On Compression Ignition Engine Fueled With Blends Of Neem Biodiesel	Egyptian Journal of Petroleum.	Volume 26, Issue 4, December 2017, pp 927-931 https://doi.org/10.1016/j.ejpe.2016.09.005	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN:1110-0621 Citations 72
10.	K. Aruna Prabha	1. K. Aruna Prabha, 2. Balla Srinivasa Prasad, 3. N. Srilatha	Comparative Study of Wear Patterns of both Coated and Uncoated Tool Inserts in High Speed Turning of EN36 Steel.	Materials Today: Proceedings	Volume 5, March 2018, pp 4368-4375 https://doi.org/10.1016/j.matpr.2017.12.004	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853 Citations 7

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11.	N. Sri Latha	1. W. Shivaraj Singh, 2. N. Srilatha.	Design and Analysis of Shock Absorber: A Review	Materials Today: Proceedings	Volume 5, March 2018, pp 4832-4837 https://doi.org/10.1016/j.matpr.2017.12.058	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853
12.	S. Bhanu Murthy	1. M. Sai Sarat Chandra, 2. S. Bhanu Murthy	Design and Development of an Automated Storage Organizer	Materials Today: Proceedings	Volume 5, Issue 13 March 2018, pp 27248-27253 https://doi.org/10.1016/j.matpr.2018.09.040	SCOPUS/ Web of Science/Google Scholar Impact factor 1.24  SCIENCE DIRECT	ISSN: 2214-7853 Citations 1
13.	Dr. Y Shivraj Narayan	1. Md. Faiyaz Ahmed 2. Yeole Shivraj Narayan	Fabrication and Testing of Quadcopter Prototype for Surveillance	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Special Issue, June 2018, Pp. 99-105	SCOPUS / Google Scholar	ISSN (P): 2249-6890; ISSN (E): 2249-8001 Citation 1
14.	Dr. Y Shivraj Narayan	1. P. Arun Kumar, 2. Y. Shivraj Narayan.	Design of A Quadraped Robot and its Inverse Kinematics.	International Journal of Mechanical and Production Engineering Research and Development	Volume 7, Issue 4, August 2017, Pp 241-251	SCOPUS	ISSN (P): 2249-6890; ISSN (E): 2249-8001 Citations 5



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				nt (IJMPERD)			
15.	Dr. E. Venkata Ramana	Dr. E. V. Ramana	Computer Supported Equipment Replacement Management	International Journal for Research in Engineering Application & Management (IJREAM)	Volume 4, Issue 3, June 2018, Pp 110-113 DOI : 10.18231/2454-9150.2018.0306	UGC/ Google Scholar UGC_List_No_64077	ISSN: 2454-9150
16.	Dr. E. Venkata Ramana	1. Mohd Mansoor Pasha, 2. Dr. E. V. Ramana.	Development of Prototype Automated Storage System	International Journal for Research in Engineering Application & Management (IJREAM)	Volume: 04, Issue: 02, May 2018, Pp 236-242 DOI : 10.18231/2454-9150.2018.0152	UGC/ Google Scholar UGC_List_No_64077	ISSN : 2454-9150
17.	1. Dr. B. V. R. Ravi Kumar 2. M.S. Srinivasa Rao	1. Srirangam Adithya Vamshi, 2. M.S. Srinivasa Rao 3. Dr. B.V.R.Ravi Kumar 4. Dr. M.Manzoor Hussain	Experimental Investigation on Influences of Tool Rotational Speed and Pin Profile on Friction Stir Welding of AA7075 Aluminum Alloy	International Journal of Creative Research Thoughts (IJCRT)	Volume 4, Issue 4, March 2018 Pp 52-64	UGC /Google Scholar UGC Approved Journal No: 49023 (18)	ISSN: 2320-2882
18.	Dr. S. Shyam Sunder Rao	1. M. Abhinav Padmanabha 2. S. Shyam Sunder Rao 3. G. Rama Rao	Evaluation of Mechanical and Electrical Properties of Particulate Hybrid Laminar Composite Materials	International Journal for Research in Engineering Application & Management (IJREAM)	Vol-04, Issue-02, May 2018	UGC/ Google Scholar UGC_List_No_64077	ISSN : 2454-9150

19.	V.V.D. Sahithi	1. B. Pranay Dishan, 2. V. V. D. Sahithi, 3. C. S. P. Rao	A Brief Literature Review on Inventory Management	International Journal of Advance Engineering and Research Development	Volume 5, Issue 03, March 2018	UGC Approved Number 44839	e- ISSN(O): 2348-4470. p- ISSN(P): 2348-6406
20.	V.V.D. Sahithi	1. G. Shanti Priya Jayakar, 2. Dr. M. Srinivasa Rao, 3. V.V.D. Sahithi, 4. C.S.P. Rao	A Literature Review On Lot Sizing	International Journal of Creative Research Thoughts (IJCRT)	Volume 5, Issue 4, December 2017, pp 3470-3475	UGC Journal number 49023	ISSN: 2320-2882
21.	N. Sri Latha	1. Laishram Dhanabir Singh, 2. N. Srilatha	Design And Analysis Of Press Tool	International Journal of Creative Research Thoughts (IJCRT)	Volume 6, Issue 2, April 2018, pp 1616-1621	UGC Journal number 49023	ISSN: 2320-2882
22.	Dr. S. V. S. S. Srinivasa Raju	1. Banoth. Subhash 2. Dr.S.V.S.S.Srinivasa Raju2, 3. K.Kodanda Ram	A Comparative Study on Experimental Investigation of Abrasive Water Jet Cutting and Laser Cutting of Mild Steel E250 Material	International Journal of Emerging Technology and Advanced Engineering	Volume 7 Issue 11 November 2017, Pp 347-352	Cross Ref	ISSN: 2250-2459
23.	Dr. B. Satyanarayana	Dr. B. Satyanarayana	Fabrication, Mechanical Characterization and Analysis of Carbon Fiber Reinforced Composite used for	International Journal of Advanced Research in Science and Engineering	Volume 6, Issue 7, July 2017, pp 269-275	Google Scholar	ISSN: 2319-8354



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24.	Dr. B. Satyanarayana	1. K. Prudhvi, 2. Dr. B. Satyanarayana	Design and Fabrication of Hybrid 3D Printing Machine	International Journal of Engineering Technology Science and Research (IJETSR)	Volume4, Issue 8 August 2017	Google Scholar	ISSN: 2394 – 3386
25.	Dr. K. Balashowry	Dr. K. Balashowry	Evaluation of Mechanical Properties of Lady Finger-Sisal Fiber Reinforced Hybrid Polyester Composites	International Journal of Advance Engineering and Research Development	Volume 4, Issue 11, November 2017, Pp 869-877	Google Scholar	ISSN: 2348 – 4470, 2348 – 6406.
26.	Dr. K. Balashowry	Dr. K. Balashowry	Solar Air Cooler cum Heater with AutoTracking Mechanism	International Journal of Engineering Research and Advanced Development	Volume 4, Issue 1, January 2018, Pp 41-54	Google Scholar	ISSN: 2395-5163
27.	Dr. E. Venkata Ramana	Dr. E. V. Ramana	Data Mining Based Approach for Quality Prediction and improvement of Injection Molding Process	International Journal of Engineering and Technology	Volume 9, Issue 3, June–July 2017, Pp.2119–2126 DOI: 10.21817/ijet/2017/v9i3/1709030304	Google Scholar	ISSN: 2319-8613
28.	Dr. E. Venkata Ramana	Dr. E. V. Ramana	Computer Assisted Job Sequencing	International Journal of Engineering	Volume 10, Issue 3, March	Google Scholar	ISSN: 0975-5462.

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31.	Dr. S. Shyam Sunder Rao	1. Vemuri Radha Madhavi, 2. Dr. S. Shyam Sunder Rao	Preparing, Studying And Drilling The Hybrid Composite Material Without Orientation.	International Journal of Latest Engineering Research and Applications.	Volume 2, Issue 10, October 2017, Pp 48-55	Google Scholar	ISSN 2455-7137
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34.	Dr. Y Shivraj Narayan	1. Alapati Sreejan, 2. YeoleShivraj Narayan	Developme nt of Flex Sensor to Identify Damage on Sheet Metal	Internationa l Journal of Engineering Science and Technology	Volume 9, Issue 10, October 2017, Pp 967-974	Google Scholar	ISSN: 0975 – 5462.
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36.	Dr. Y Shivraj Narayan	1. Regula Sri Nidhi Hrushikeshav, 2. YeoleShivraj Narayan	Modelling and Simulation of a Gear Housing Pattern made of ABS Material for FDM Based 3D Printing	Internationa l Journal of Engineering Science and Technology (IJEST).	Volume 9, Issue 9, Pp 179-186, September 2017	Google Scholar	ISSN: 0975-5462
37.	Dr. B. V. R. Ravi Kumar	1. K. Nageswara Rao, 2. B. V. R. Ravi Kumar, 3. M. T. Naik.	Optimizatio n Of Process Parameters During TIG Welding Of Si-Mg-Mn Al Alloy 64430.	Internationa l Journal of Mechanical and Production Engineering Research and Developme nt (IJMPERD)	Volume 8, Issue 3, June 2018, Pp 659-666	SCOPUS/ Google Scholar	ISSN: 2249-8001
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44.	N. Sri Latha	1. W. Shivaraj Singh, 2. N. Srilatha	Dynamic Analysis of Shock Absorber Spring using Different Materials	International Journal of Emerging Technology and Advanced Engineering (IJETAE).	Volume 7, Issue 10, October 2017, pp 24-31	Cross ref	ISSN 2250-2459.
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46	P. Prasad Kumar	1. Mr. Prasad Kumar 2. Dr. S. Chakradhar Goud 3. Dr. B. Durga Prasad	A Study On Bio-Mass Heat Energy Conversion Systems For Power Energy Systems	Anveshana's International Journal Of Research In Engineering And Applied Sciences.	Volume 11, 2017, pp 78-86	Google scholar	ISSN: 2455-6300
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52.	Dr. B. V. R. Ravi Kumar	1. K. Nageswara Rao 2. Dr. B. V. R. Ravi Kumar 3. Dr. M. T. Naik	A Review On Dissimilar Materials Welding Techniques	International Journal Of Advancement In Engineering Technology, Management and Applied Science (IJAETMAS)	Volume 05, Issue 01 January-2018, PP. 111-123	Google scholar	ISSN: 2349-3224
53.	Dr. B. V. R. Ravi Kumar	1. K. Nageswara Rao 2. Dr. B. V. R. Ravi Kumar 3. Dr. M. T. Naik	A Comprehensive Study And Approach On Dissimilar Materials Used In Welding Process	AJREAS VOLUME 3, ISSUE 4 (2018, APR)	Anveshana's International Journal of Research in Engineering and Applied Sciences	Google scholar	(ISSN-2455-6300) ONLINE



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2016-17

Title of paper	Name of the authors	Department	Name of journal	Year of Publication	ISBN /ISSN number
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2. Loading Rate Requirements of a Compact Sandwich Test for Fracture Toughness Testing of Bone and Biomaterials	Paruchuru S.P., Jain A., Dong X.	Mechanical Engineering	Trends in BioMaterials and Artificial Organs:: An international Journal.	2016	ISSN: 0971-1198
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4. Design and manufacturing of a chess coin through CAD/CAM integration	Satyanarayana B, Kode Jaya Prakash.	Mechanical Engineering	Science and Technology (The International quarterly journal)	2016	ISSN 2394-3750 EISSN 2394-3769.
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8. Review of Use FEM Techniques in Modeling of Human Knee Joint.	Nitin Kumar Sahu, Ajay Kumar Kaviti	Mechanical Engineering	Journal of Biomimetics, Biomaterials and Biomedical Engineering	2016	ISSN: 1662-100X
9. Inclined Solar Still Designs: A review	Ajay Kumar Kaviti , Akhilesh Yadav, Amit Shukla	Mechanical Engineering	Renewable and Sustainable Energy Reviews.	2016	ISSN: 1364-0321
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11. A Hybrid Binary Particle Swarm Optimization For Large Capacitated Multi Level Lot Sizing (CMIMLLS) Problem.	S.K.Mishra, V.V.D.Sahithi , C. S. P. Rao.	Mechanical Engineering	IOP Conf. Series: Materials Science and Engineering	2016	ISSN: 0965-0393
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17. Design and Analysis of Submarine Thick Pressure Vessel by Using MS EDD Material.	Hazari Naresh	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2017	ISSN(Online) : 2319-8753 ISSN (Print) : 2347-6710.



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19.A Comprehensive Review of Scheffler Solar Collector	Anil Kumar, Om Prakash, Ajay Kumar Kaviti	Mechanical Engineering	Renewable and Sustainable Energy Reviews.	2017	ISSN: 1364-0321
20. Performance evaluation of profile modifications on straight-bladed vertical axis wind turbine by energy and Spalart Allmaras models. Energy.	Vivek Shukla, Ajay Kumar Kaviti	Mechanical Engineering	Energy Journal Elsevier	2017	ISSN: 0360-5442.
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22. Performance & Emission Test On 4-Stroke Single Cylinder SI Engine By Using A Blend Mixture Of Petrol Gradie Wpo With Gasoline	B. Daniel Paul, B. Manoj Kumar, B. Naresh, M. Omkar, Puthu Prasad Kumar , Satheesh Kumar	Mechanical Engineering	International Journal of Scientific Engineering and Technology Research.	2017	ISSN 2319-8885
23. Performance of I.C Engines using HHO GAS	Prasad Kumar Putha , G. Satish Babu.	Mechanical Engineering	International Journal of Scientific Engineering	2017	ISSN 2319-8885

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24. A Study On Bio-Mass Heat Energy Conversion Systems For Power Energy Systems	Mr. Prasad Kumar, Dr. S. Chakradhar Goud, Dr. B. Durga Prasad	Mechanical Engineering	Anveshana's International Journal Of Research In Engineering And Applied Sciences.	2017	ISSN-2455-6300
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30. Experimental study on the effect of welding parameters and tool pin profiles on the	Srinivas a Rao M.S., Ravi Kumar B.V.R., Manzoor Hussain	Mechanical Engineering	Materials Today: Proceeding.	2017	ISSN: 2214-7853



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Title of paper	Name of the authors	Department	Name of journal	Year of Publication	ISBN /ISSN number
1. 3D Printing of Planetary gear which is used in Clock Mechanism.	K. Sambhavi, K. Aruna Prabha.	Mechanical Engineering	International Journal of Innovative, Research in Science, Engineering & Technology	2015	ISSN (online) – 2319-8753-2347-6710
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9. Parametric Investigation of Laser Cutting And Plasma Cutting of Mild Steel E350 Material -A Comparative Study.	Dr. S.V.S.S. Srinivasa Raju, K. Srinivas, M. Venkata Ramana.	Mechanical Engineering	IOSR Journal of Mechanical and Civil Engineering (IOSR - JMCE)	2015.	E- ISSN: 2278 - 1684, P- ISSN: 2320 - 334X.
10. Large Capacity Constrained Multi Product, Multi Level Lot Sizing Optimization Using binary particle swarm Optimization.	V. V. D. Sahithi, P. Sai Krishna, K. Lalith kumar, C. S. P. Rao.	Mechanical Engineering	International Journal of Engineering Research and General Science	2015	ISSN 2091-2730
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12. Development of software Using Matlab for Design Optimization of Brake For Minibike.	Anil Kumar Garikapati, Dr. N. Govind , Dr. RavindraKommi neni, V. Anand Kumar.	Mechanical Engineering	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE),	2015	e-ISSN: 2278-1684, p-ISSN: 2320-334X.
13. Simultaneous Optimization of Multi Performance Characteristics in Dry Turning of INCONEL 718 using NSGA-II.	Dr. B. Satyanarayana, G. Siva Giridhar Yadav, P. Ruthvik Nitin, M. Dileep Reddy.	Mechanical Engineering	Materials Today Procedia Volume 2	2015	ISSN:. 2214-7853
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15. Modeling and Analysis of Steam Turbine Blade by Varying Its Profile.	Zeba Naaz, Dr. B. Satyanarayana.	Mechanical Engineering	International Journal for Scientific Research & Development	2015	Paper ID: IJSRDV 3190590
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18. Optimization Of Controllable Turning Parameters For High Speed Machining Of Inconel 718 By Measurement Of Surface Roughness.	Dr. B. Satyanarayana.	Mechanical Engineering	International Journal of Scientific & Engineering Research (IJSER)	2016	ISSN 2229-5518
19. Heat Transfer Intensification in U-bend Double Pipe Heat Exchanger using Twisted Tape Inserts.	L. Sandeep Raj, K. Vijaya Kumar Reddy, A. Aruna Kumari.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2016	ISSN(Online): 2319-8753
20. Optimization of CNC Laser Cutting Process Parameters.	N. Abhimanyu, Dr. B. Satyanarayana.	Mechanical Engineering	International Advanced Research Journal in Science, Engineering and Technology	2016.	ISSN(O) : 2393-8021 ISSN(P): 2394-1588
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23. An Experimental Study On Single Double Slope Glass Active Solar Still With Different Depths Of Water.	Md. Nazamuddin Ansari, Ajay Kumar Kaviti.	Mechanical Engineering	Elixir Mechanical Engineering	2016	ISSN: 2229-712X
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FACULTY INTERNATIONAL JOURNAL PUBLICATIONS
Academic Year: 2014-15 (INTERNATIONAL)

Title of paper	Name of the authors	Department	Name of journal	Year of Publication	ISBN /ISSN number
1. Comparative Study on Performance of compression Ignition Engine	Jayashri N. Nair, Ruthvik Nithin. P	Mechanical Engineering	International Journal of Innovative Research in Science,	2014	ISSN: 2319-8753



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2. A Review on Recent Developments in Wire EDM.	Kode Jaya Prakash, M.S. Srinivasa Rao.	Mechanical Engineering	International Journal of Science and Research(IJSR)	2014	ISSN: 2319-7064
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4. Micro-Hardness and Mechanical Properties of EN24 alloy steel Weldments using pulsed and non-pulsed Current Gas Tungsten Arc Welding.	Dr. B.V.R.Ravi Kumar, A. Raveendra.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2014	ISSN: 2319-8753
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6. Case Study on Advanced Manufacturing and Quality Control of Compressor Blades	Sisir Sagar, D. Sarath Chandra.	Mechanical Engineering	International Journal of Emerging Technology and Advanced Engineering	2014	ISSN 2250-2459
7. Study of the Influence of Process	Dr. M. V. R. Durga Prasad, Yelamanchili	Mechanical Engineering	International Journal of Materials,	2014	ISSN: 1793-8198

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8. Experimental Investigation on Techniques to Improve Properties in Ablative Liner	P. V. N. Harinath, Dr. G. S. Gupta.	Mechanical Engineering	International Journal of Science and Research(IJSR)	2014	ISSN: 2319-7064
9. Mechanical and Micro structural Characterization of Al5083 and Al6082 butt Joints made by GTAW.	Dr. B.V.R. Ravi Kumar, K. Swathi, B.L.N. Krishna Sai.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2014	ISSN : 2319-8753,
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14. Design of AGV with Mobile Communication.	M. R. Rupa Sri, Y. Shivraj Narayan , K. Lokender.	Mechanical Engineering	International Journal of Advances in Electronics and Computer Science	2015	ISSN: 2393-2835
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Academic Year: 2013-14 (INTERNATIONAL)

2013-14					
Title of paper	Name of the authors	Department	Name of journal	Year of Publication	ISBN /ISSN number
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Perception of organized retail outlets in Hyderabad.	Dr. D. Prasanna Kumar.				
2. Feasibility of Case Hardening On Extrusion Die used for Producing Zircaloy Seamless Tubes and Its Surface Coatings	D. Sarath Chandra, Dr. A. Siva Kumar.	Mechanical Engineering	International Journal of Advance Engineering Sciences and Technologies (IAEST)	2013	NA
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9. A Review on Importance Of Microalloying in Steel.	Dr. B. V. R. Ravi Kumar.	Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2014	ISSN(Print) 0976-6340, ISSN(Online) 0976-6359
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Title of paper	Name of the authors	Department	Name of journal	Year of Public	ISBN /ISSN numbe
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2. Miniature Specimens for Cortical-Bone Tests.	Dr. S.P. Paruchuru, C. M. Agrawal.	Mechanical Engineering	Trends in Biomaterials and Artificial Organs International Journal.	2012	ISSN:0971-1198 (Print) ; 0971-1198
3. Quality Improvement Techniques for Rejection Control in Heavy Electrical Manufacturing Industry – A Case Study.	Dr. S.V.S.S. Raju, K. Kodanda Ram, Mohd. AtherMohiuddin.	Mechanical Engineering	International Journal of Mechanical Engineering (IJMAE)	2012	ISSN: 2319-2240
4. Experimental Study of Weld Characteristics during Friction Stir Welding(FSW) of Aluminum alloy (AA6061-T6).	M.S. Srinivasa Rao, Dr. B.V.R. Ravikumar, Dr. M. Manzoor Hussain.	Mechanical Engineering	International Journal of Research In Engineering and Technology.	2012	ISSN: 2319-1163
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8. Effect of Processing Parameters on Surface Finish of Components Processed by CNC Turning Machine.	B. TulasiramaRao, K. Srivivinas P. Rami Reddy, A. Raveendra, Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Mechanical Engineering Applications Research(IJMEAR)	2013	ISSN: 2249-6564
9. A Review on Blisk Technology.	Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology.	2013	ISSN: 2319-8753
10. Effect of Pulsed Current on Welding Characteristics of EN19 Alloy Steel using Gas Tungsten Arc Welding.	A. Raveendra, Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology.	2013	ISSN: 2319-8753
11. Experimental Study of Pulsed and Non-pulsed current TIG Welding of Aluminum Alloy (6082) Sheet.	A. Raveendra, Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Science and Research (IJSR)	2013	ISSN: 2277-2685
12. Modeling and Optimization of cutting parameters in high speed dry	B. Satyanarayana, Dr. G. RangaJanardhana, B. Hanumanth	Mechanical Engineering	International Journal of Advanced Research in Engineering & Technology.	2013	ISSN: 0976-6480, 0976-6499.

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13. Experimental study of weld characteristics of pulsed and non-pulsed current TIG welding of stainless steel sheet (SS304).	A. Raveendra, Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Advanced research in Engineering and Technology	2013	ISSN: 0976-6480(Print). ISSN: 0976-6499(Online).
14. Effect of pulsed current on welding characteristics of Aluminum Alloy (5052) using GTAW.	A. Raveendra, Dr. B.V.R. Ravi Kumar. .	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2013	ISSN: 2319-8753