

**RAJEEV GANDHI MEMORIAL COLLEGE OF ENGG., & TECH.,**  
(AUTONOMOUS)  
NANDYAL – 518 501, KURNOOL (Dist), ANDHRA PRADESH, INDIA  
**DEPARTMENT OF MECHANICAL ENGINEERING**



**LIST OF  
FACULTY RESEARCH PAPERS  
WITH ONLINE LINKS**

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**Rajeev Gandhi Memorial College of Engineering & Technology**  
(Autonomous)  
Nandyal -518 501, Kurnool ( Dt),Andhra Pradesh, INDIA  
**DEPARTMENT OF MECHANICAL ENGINEERING**

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**LIST OF FACULTY RESEARCH PAPERS WITH ONLINE LINKS**

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<b>Academic Year</b>	<b>Web of Science (SCI/SCIE/ESCI)</b>	<b>Scopus</b>	<b>Page No's</b>
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CAY (2020-2021)

S. No	Author Name	Title of paper	Journal Name	Month & Year	Publication referred Journals (WoS/SCOPUS)	Citations	IF
1	Dr. K. T. Reddy	Experimental Investigations on Effect of Modified Piston Geometry in CI Engine Fuelled with Blends of Diesel and Tyre Pyrolysis Oil	Journal of Scientific & Industrial Research <a href="http://op.niscair.res.in/index.php/IJSIR/article/viewFile/40470/465477790">http://op.niscair.res.in/index.php/IJSIR/article/viewFile/40470/465477790</a>	July 2020	SCIE & Scopus		0.38
2	Dr. Manoj Panchal	Experimental investigation of mechanical and erosion behavior of eggshell nanoparticulate epoxy bio composite	Polymers and Polymer Composites <a href="https://journals.sagepub.com/doi/10.1177/0967391120943454">https://journals.sagepub.com/doi/10.1177/0967391120943454</a>	July 2020	SCIE & Scopus	3	2
3	Dr. Upendra Rajak	Performance and emission analysis of a diesel engine using hydrogen enriched n-butanol, diethyl ester and Spirulina microalgae biodiesel	Fuel <a href="https://www.sciencedirect.com/science/article/abs/pii/S0016236120306402">https://www.sciencedirect.com/science/article/abs/pii/S0016236120306402</a>	July 2020	SCIE & Scopus	27	6.609
4	Dr. Ramakrishna Balijepalli	Numerical analysis on flow and performance characteristics of a small-scale solar updraft tower (SUT) with horizontal absorber plate and collector glass	Journal of Thermal Analysis and Calorimetry <a href="https://link.springer.com/article/10.1007%2Fs10973-020-10057-7">https://link.springer.com/article/10.1007%2Fs10973-020-10057-7</a>	July 2020	SCIE & Scopus	3	4.626
5	Dr. Manoj Panchal	Mechanical characterization of arhar biomass based porous nano activated carbon polymer composites	Polymer Composites <a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.25602">https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.25602</a>	August 2020	SCIE & Scopus	2	3.17



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6	Dr. Upendra Rajak	Investigations of spirulina, waste cooking, and animal fats blended biodiesel fuel on auto-ignition diesel engine performance, emission characteristics	Fuel <a href="https://www.sciencedirect.com/science/article/abs/pii/S0016236120311194">https://www.sciencedirect.com/science/article/abs/pii/S0016236120311194</a>	September 2020	SCIE & Scopus	27	6.609
7	Dr. K. T. Reddy	Financial assessment, performance and emission analysis of Moringa oleifera and Jatropha curcas methyl ester fuel blends in a single-cylinder diesel engine	Energy Conversion and Management <a href="https://www.sciencedirect.com/science/article/abs/pii/S0196890420308992">https://www.sciencedirect.com/science/article/abs/pii/S0196890420308992</a>	November 2020	SCIE & Scopus		9.709
8	Dr. B. Sidda Reddy	Bending of Exponentially Graded Plates using new HSDT	Journal of Computational and Applied Research in Mechanical Engineering (JCARME) <a href="https://jcarme.sru.ac.ir/article_1474_a95a48cdaff40fa69b06794ac06f20fe.pdf">https://jcarme.sru.ac.ir/article_1474_a95a48cdaff40fa69b06794ac06f20fe.pdf</a>	November 2020	Scopus		
9	Dr. Abhishek Dasore	An empirical study on modified second order response surface and taguchi designs for optimizing the process parameters	Journal of Mathematical and Computational Science <a href="http://scik.org/index.php/jmcs/article/view/5026">http://scik.org/index.php/jmcs/article/view/5026</a>	November 2020	Scopus		
10	Dr. Upendra Rajak	Response surface analysis, clustering, and random Forest regression of pressure in suddenly expanded high-speed aerodynamic flows.	Aerospace Science and Technology <a href="https://www.sciencedirect.com/science/article/abs/pii/S1270963820310002">https://www.sciencedirect.com/science/article/abs/pii/S1270963820310002</a>	December 2020	SCIE & Scopus	8	5.107
11	Dr. Upendra Rajak	The effect of ethanol-methanol-diesel-microalgae blends on performance, combustion and	Sustainable Energy Technologies and Assessments <a href="https://www.sci">https://www.sci</a>	December 2020	SCIE & Scopus	6	5.353



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		emissions of a direct injection diesel engine	<a href="http://ncedirect.com/science/article/abs/pii/S2213138820312789">ncedirect.com/science/article/abs/pii/S2213138820312789</a>				
12	Dr. B. Sidda Reddy	Free vibration behavior of bi-directional functionally graded plates with porosities using a refined first order shear deformation theory	Journal of Computational Applied Mechanics <a href="https://jcamech.ut.ac.ir/article_77372.html#:~:text=T%20paper%20proposes%20the%20refined%20first%20order%20shear,avoids%20the%20need%20of%20a%20shear%20correction%20factor.">https://jcamech.ut.ac.ir/article_77372.html#:~:text=T%20paper%20proposes%20the%20refined%20first%20order%20shear,avoids%20the%20need%20of%20a%20shear%20correction%20factor.</a>	December 2020	ESCI & Scopus	1	
13	Dr. B. Sidda Reddy	Flexural behavior of porous functionally graded plates using a novel higher order theory	Journal of Computational Applied Mechanics <a href="https://jcamech.ut.ac.ir/article_75288.html">https://jcamech.ut.ac.ir/article_75288.html</a>	December 2020	ESCI & Scopus		
14	Dr. B. Sidda Reddy	A refined inverse hyperbolic shear deformation theory for bending analysis of functionally graded porous plates	Journal of Computational Applied Mechanics <a href="https://jcamech.ut.ac.ir/article_77578.html">https://jcamech.ut.ac.ir/article_77578.html</a>	December 2020	ESCI & Scopus		
15	Dr. Abhishek Dasore	Evaluation of heat and mass transfer coefficients at beetroot-air interface during convective drying	Interfacial Phenomena and Heat Transfer <a href="https://dl.begellhouse.com/journals/728e68e739b67efe,28924be8038d64f5,69c8a4b922620a60.html">https://dl.begellhouse.com/journals/728e68e739b67efe,28924be8038d64f5,69c8a4b922620a60.html</a>	December 2020	ESCI & Scopus	5	
16	Dr. Upendra Rajak	Comparative assessment of first, second and third generation biofuels addition in diesel on	Journal of Thermal Engineering	December 2020	ESCI & Scopus	18	



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		exhaust emissions					
17	Dr. Abhishek Dasore	Forecast and trend analysis of gold prices in India using auto regressive integrated moving average model	Journal of Mathematical and Computational Science <a href="http://scik.org/index.php/jmcs/article/view/5250">http://scik.org/index.php/jmcs/article/view/5250</a>	January 2021	Scopus		
18	Dr. Manoj Panchal	Characterization of porous activated carbon prepared from arhar stalks by single step chemical activation method	Materials Today: Proceedings <a href="https://www.sciencedirect.com/science/article/pii/S2214785320339493">https://www.sciencedirect.com/science/article/pii/S2214785320339493</a>	January 2021	Scopus	9	
19	Dr. Manoj Panchal	Effect of biomass derived biochar materials on mechanical properties of biochar epoxy composites.	Proceedings of the Institution of Mechanical Engineers, Part C <a href="https://journals.sagepub.com/doi/abs/10.1177/0954406221990705">https://journals.sagepub.com/doi/abs/10.1177/0954406221990705</a>	February 2021	SCIE & Scopus	0	1.76
20	Dr. Manoj Panchal	Investigation of tribological properties of biomass developed porous nano activated carbon composites	Wear <a href="https://www.sciencedirect.com/science/article/abs/pii/S0043164820309820">https://www.sciencedirect.com/science/article/abs/pii/S0043164820309820</a>	February 2021	SCIE & Scopus	2	3.89
21	Dr. Md. Alamgir	Mechanical and thermal behavior of pHEMA and pHEMA nanocomposites targeting for dental materials	Applied Nanoscience <a href="https://link.springer.com/article/10.1007/s13204-021-01767-x">https://link.springer.com/article/10.1007/s13204-021-01767-x</a>	February 2021	SCIE & Scopus	0	3.19
22	Dr. Upendra Rajak	Experimental & Predicative analysis of engine characteristics of various biodiesels	Fuel <a href="https://www.sciencedirect.com/science/article/abs/pii/S0016236120320937">https://www.sciencedirect.com/science/article/abs/pii/S0016236120320937</a>	February 2021	SCIE & Scopus	6	6.609
23	Dr. Upendra Rajak	Optimization of performance and emission parameters of direct injection	Fuel <a href="https://www.sciencedirect.com/science/article/abs/">https://www.sciencedirect.com/science/article/abs/</a>	February 2021	SCIE & Scopus	11	6.609



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		diesel engine fuelled with microalgae Spirulina (L.)- Response Surface Methodology and Full factorial Method Approach	<a href="http://pii/S0016236120320998?via%3DHub">pii/S0016236120320998?via%3DHub</a>			
24	Dr. Upendra Rajak	Thermodynamic Sensitivity Analysis of SOFC Integrated with Blade Cooled Gas Turbine Hybrid Cycle	Journal of Thermal Engineering <a href="https://eds.yildiz.edu.tr/journal-of-thermal-engineering/Announcements/68">https://eds.yildiz.edu.tr/journal-of-thermal-engineering/Announcements/68</a>	March 2021	ESCI & Scopus	
25	Dr. Upendra Rajak	Numerical analysis of performance and emission behavior of CI engine fueled with microalgae biodiesel blend	Materials Today: Proceedings <a href="https://www.sciencedirect.com/science/article/pii/S2214785321011664">https://www.sciencedirect.com/science/article/pii/S2214785321011664</a>	March 2021	Scopus	
26	Dr. Ramakrishna Balijepalli	Comparative numerical investigation of rectangular and elliptical fins for air cooled IC engines	Materials Today: Proceedings <a href="https://www.sciencedirect.com/science/article/pii/S2214785321018927">https://www.sciencedirect.com/science/article/pii/S2214785321018927</a>	March 2021	Scopus	
27	Dr. Abhishek Dasore	An overview of refinements, processing methods and properties of natural fiber composites	Materials Today: Proceedings <a href="https://www.sciencedirect.com/science/article/pii/S2214785321011652">https://www.sciencedirect.com/science/article/pii/S2214785321011652</a>	March 2021	Scopus	
28	Dr. Upendra Rajak	Numerical analysis of thermal energy storage systems using novel composite phase change materials	Materials Today: Proceedings <a href="https://www.sciencedirect.com/science/article/pii/S2214785321046307">https://www.sciencedirect.com/science/article/pii/S2214785321046307</a>	March 2021	Scopus	
29	Dr. Abhishek Dasore	Properties evaluation of A356 and A319 Aluminum alloys under different casting	Materials Today: Proceedings <a href="https://www.sciencedirect.com/science/article/pii/S2214785321046307">https://www.sciencedirect.com/science/article/pii/S2214785321046307</a>	March 2021	Scopus	



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		conditions	<a href="https://www.sciencedirect.com/science/article/pii/S2214785321025773">2214785321025773</a>				
30	Ms. Shaik Mullan Karishma	Experimental examination of CI engine fueled with various blends of diesel-apricot oil at different engine operating conditions	Materials Today: Proceedings <a href="https://www.sciencedirect.com/science/article/pii/S2214785321011676">https://www.sciencedirect.com/science/article/pii/S2214785321011676</a>	March 2021	Scopus		
31	Dr. Upendra Rajak	A comprehensive review of the influence of physicochemical properties of biodiesel on combustion characteristics, engine performance and emissions	Journal of Traffic and Transportation Engineering (English Edition) <a href="https://www.sciencedirect.com/science/article/pii/S2095756421000702">https://www.sciencedirect.com/science/article/pii/S2095756421000702</a>	April 2021	ESCI & Scopus		
32	Dr. Upendra Rajak	Effects of high-dosage copper oxide nanoparticles addition in diesel fuel on engine characteristics	Energy <a href="https://www.sciencedirect.com/science/article/abs/pii/S0360544221008604">https://www.sciencedirect.com/science/article/abs/pii/S0360544221008604</a>	April 2021	SCIE & Scopus	27	7.147
33	Dr. Upendra Rajak	Numerical Study on the Effect of Engine Characteristics by Using Ethanol-Moringa-Diesel Fuel	Kuwait Journal of Science <a href="https://www.researchgate.net/publication/352536964_Numerical_Study_on_the_Effect_of_Engine_Characteristics_by_Using_Ethanol-Moringa-Diesel_Fuel">https://www.researchgate.net/publication/352536964_Numerical_Study_on_the_Effect_of_Engine_Characteristics_by_Using_Ethanol-Moringa-Diesel_Fuel</a>	April 2021	SCIE & Scopus		0.948
34	Dr. Abhishek Dasore	Design and thermal analysis of engine cylinder fin body using various fin profiles	Materials Today: Proceedings <a href="https://www.sciencedirect.com/science/article/pii/S2214785321030182">https://www.sciencedirect.com/science/article/pii/S2214785321030182</a>	April 2021	Scopus		
35	Dr. M. Ashok Kumar	Optimization of micro EDM parameters for fabrication of micro rod	Materials Today: Proceedings <a href="https://www.sciencedirect.com/science/article/pii/S2214785321030182">https://www.sciencedirect.com/science/article/pii/S2214785321030182</a>	May 2021	Scopus	5	





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			<a href="https://www.sciencepub.com/ence/article/pii/S2214785321039699">ence/article/pii/S2214785321039699</a>				
36	Dr. Upendra Rajak	Performance and ecological parameters of a diesel engine fueled with diesel and plastic pyrolyzed oil (PPO) at variable working parameters	Environmental Technology & Innovation <a href="https://www.sciencedirect.com/science/article/abs/pii/S2352186421001395">https://www.sciencedirect.com/science/article/abs/pii/S2352186421001395</a>	May 2021	SCIE & Scopus	1	5.263
37	Dr. Md. Alamgir	Optimization of Specific Energy Consumption in Turning of GFRP Composites using Particle Swarm Optimization	International Journal of Innovative Technology and Exploring Engineering <a href="https://www.ijite.org/wp-content/uploads/papers/v10i7/G88900510721.pdf">https://www.ijite.org/wp-content/uploads/papers/v10i7/G88900510721.pdf</a>	May 2021	Scopus	0	
38	Dr. Ramakrishna Balijepalli	Applications of solar energy based drying technologies in various industries – A review	Solar Energy <a href="https://www.sciencedirect.com/science/article/abs/pii/S0038092X2100428X">https://www.sciencedirect.com/science/article/abs/pii/S0038092X2100428X</a>	May 2021	SCIE & Scopus		5.742
39	Dr. Md. Alamgir	Effects of TiO <sub>2</sub> and GO on the thermo-mechanical properties of bioactive poly-HEMA nanocomposites	Iranian Polymer Journal <a href="https://link.springer.com/article/10.1007/s13726-021-00948-3">https://link.springer.com/article/10.1007/s13726-021-00948-3</a>	June 2021	SCIE & Scopus	0	1.8
40	Dr. Manoj Panchal	Fabrication and Characterization of Silica Based Ceramic Composite for Filtration Applications	Silicon <a href="https://link.springer.com/article/10.1007/s12633-020-00595-y">https://link.springer.com/article/10.1007/s12633-020-00595-y</a>	June 2021	SCIE & Scopus	0	2.67
41	Dr. Upendra Rajak	Heat Transfer and Friction Factor Correlations for Double Pipe Heat Exchanger with Inner and Outer Corrugation	Energy Sources Part A Recovery Utilization and Environmental Effects <a href="https://www.tandfonline.com/doi/full/10.1080/1556">https://www.tandfonline.com/doi/full/10.1080/1556</a>	June 2021	SCIE & Scopus		1.847



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			<a href="#">7036.2021.1953635</a>				
42	Dr. Upendra Rajak	Novel Deep Neural Network Technique for Detecting Environmental Effects of COVID -19	Energy Sources Part A Recovery Utilization and Environmental Effects <a href="https://www.tandfonline.com/doi/full/10.1080/15567036.2021.1941435">https://www.tandfonline.com/doi/full/10.1080/15567036.2021.1941435</a>	June 2021	SCIE & Scopus		1.847
43	Dr. Upendra Rajak	Plastic waste as a biofuel feedstock-A conceptual study	IOP Conference Series: Materials Science and Engineering <a href="https://iopscience.iop.org/article/10.1088/1757-899X/1116/1/012029">https://iopscience.iop.org/article/10.1088/1757-899X/1116/1/012029</a>	June 2021	Scopus		
44	Dr. Upendra Rajak	Feasibility study of synthesized carbon as catalyst in biodiesel production	Journal of Thermal Engineering <a href="https://eds.yildiz.edu.tr/journal-of-thermal-engineering/ArticleInPress">https://eds.yildiz.edu.tr/journal-of-thermal-engineering/ArticleInPress</a>	June 2021	ESCI & Scopus		
45	Dr. K. Sudha Madhuri	A Study on The Tensile Behaviour of Plant Fiber and Fruit Fiber Reinforced Epoxy Hybrid Composites	Levant International Journal <a href="https://levantjournal.org/wp-content/uploads/2021/08/A-Study-On-The-Tensile-Behaviour-Of-Plant-Fiber.pdf">https://levantjournal.org/wp-content/uploads/2021/08/A-Study-On-The-Tensile-Behaviour-Of-Plant-Fiber.pdf</a>	June 2021	Scopus	0	



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S. No	Author Name	Title of paper	Journal Name	Month & Year	Indexed referred Journals (Wos/SCOPUS)	Citations	IF
1	Dr. Md. Alamgir	Development of PMMA/TiO <sub>2</sub> nanocomposite as an excellent dental material	Journal of Mechanical Science and Technology <a href="https://link.springer.com/article/10.1007%2Fs12206-019-0916-7">https://link.springer.com/article/10.1007%2Fs12206-019-0916-7</a>	July 2019	SCIE & Scopus	10	1.7
2	Dr. Y. Siva Kumar Reddy	Influence of potential liquid desiccants on solution cooling, heating, and pumping loads of membrane-based liquid desiccant air conditioning system: An analytical study	Science and Technology for the Built Environment <a href="https://www.tandfonline.com/doi/full/10.1080/23744731.2019.1600332">https://www.tandfonline.com/doi/full/10.1080/23744731.2019.1600332</a>	July 2019	SCIE & Scopus	1	1.99
3	Dr. V Siva Reddy	Experimental study on Adsorption Capacity of activated carbon-based Adsorption water chiller	International Journal of Ambient Energy <a href="https://www.tandfonline.com/doi/full/10.1080/01430750.2017.1421580">https://www.tandfonline.com/doi/full/10.1080/01430750.2017.1421580</a>	July 2019	ESCI & Scopus	3	
4	Dr Syed Altaf Hussain	Optimization of Cutting Force in Turning of AA7076/TiC MMCs using Taguchi Technique	International Journal of Innovative and Exploring Engineering <a href="https://www.ijite.org/wp-content/uploads/papers/v8i9S3/130560789S319.pdf">https://www.ijite.org/wp-content/uploads/papers/v8i9S3/130560789S319.pdf</a>	July 2019	Scopus		
5	Dr. Abhishek Dasore	Heat transfer enhancement using hybrid nanofluids in spiral plate heat	Heat Transfer – Asian Research <a href="https://doi.org/10.1002/htj.21534">10.1002/htj.21534</a>	July 2019	ESCI & Scopus	13	



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		exchangers					
6	Dr. B. Sidda Reddy	Thermomechanical behaviour of Functionally Graded Plates with HSDT	Journal of Computational and Applied Research in Mechanical Engineering (JCARME) <a href="https://doi.org/10.22061/JCARM.E.2019.5416.1674">10.22061/JCARM.E.2019.5416.1674</a>	August 2019	SCOPUS	1	
7	Dr. Abhishek Dasore	Experimental investigation and mathematical modeling of convective drying kinetics of white radish	Frontiers in Heat and Mass Transfer <a href="https://doi.org/10.5098/hmt.13.21">10.5098/hmt.13.21</a>	August 2019	ESCI & Scopus	3	
8	Dr. Upendra Rajak	Performance analysis and exhaust emissions of Aegle methyl ester operated compression ignition engine	Thermal Science and Engineering Progress <a href="https://doi.org/10.1016/j.tsep.2019.05.004">10.1016/j.tsep.2019.05.004</a>	August 2019	Scopus	18	
9	Dr. V. Chandra Sekhar	Preparation and properties of cotton nanocomposite fabrics with in situ generated copper nanoparticles using Red sanders powder extract as a reducing agent	Inorganic and Nano-Metal Chemistry <a href="https://www.tandfonline.com/doi/full/10.1080/24701556.2019.1661437">https://www.tandfonline.com/doi/full/10.1080/24701556.2019.1661437</a>	September 2019	SCIE & Scopus	6	0.25
10	Dr. Abhishek Dasore	Method for determining the appropriate thin layer drying model for a feedstock	International Journal of Recent Technology and Engineering <a href="https://www.ijrte.org/wp-content/uploads/papers/v8i3/C5335098319.pdf">https://www.ijrte.org/wp-content/uploads/papers/v8i3/C5335098319.pdf</a>	September 2019	Scopus	4	
11	Dr. Abhishek Dasore	Numerical simulation of air temperature and air flow distribution in a cabinet Tray Dryer	International Journal of Innovative Technology and Exploring Engineering	September 2019	Scopus		



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			<a href="https://www.ijite.org/wp-content/uploads/papers/v8i11/K17870981119.pdf">https://www.ijite.org/wp-content/uploads/papers/v8i11/K17870981119.pdf</a>				
12	Dr. K. T. Reddy	Combustion performance and emission characteristics on HCCI engine of waste plastic pyrolysis oil biodiesel blends with external PFI and vaporiser	International Journal of Sustainable Engineering <a href="https://www.tandfonline.com/doi/full/10.1080/19397038.2019.1674942">https://www.tandfonline.com/doi/full/10.1080/19397038.2019.1674942</a>	October 2019	ESCI & Scopus		
13	Dr. Manoj Panchal	A single step process to synthesize ordered porous carbon from coconut shells-eggshells biowaste	Materials Research Express <a href="https://iopscience.iop.org/article/10.1088/2053-1591/ab4cb3">https://iopscience.iop.org/article/10.1088/2053-1591/ab4cb3</a>	October 2019	SCIE & Scopus	2	1.914
14	Dr. Manoj Panchal	Effect of bi-directional and multi-directional fibers on the mechanical properties of glass fiber- epoxy composites	Materials Research Express <a href="https://iopscience.iop.org/article/10.1088/2053-1591/ab529a">https://iopscience.iop.org/article/10.1088/2053-1591/ab529a</a>	November 2019	SCIE & Scopus	0	1.914
15	Dr. Upendra Rajak	Performance, combustion and emission analysis of microalgae Spirulina in a common rail direct injection diesel engine	Fuel <a href="https://doi.org/10.1016/j.fuel.2019.11.15855">10.1016/j.fuel.2019.11.15855</a>	November 2019	SCIE & Scopus	50	6.609
16	Dr. Ashif Perwez	Thermal performance investigation of the flat and spherical dimple absorber plate solar air heaters	Solar Energy <a href="https://doi.org/10.1016/j.solener.2019.09.066">10.1016/j.solener.2019.09.066</a>	November 2019	SCIE & Scopus	26	5.742
17	Dr. Upendra Rajak	Alternating the environmental benefits of Aegle – diesel blends using in compression ignition	Fuel <a href="https://doi.org/10.1016/j.fuel.2019.11.15835">10.1016/j.fuel.2019.11.15835</a>	November 2019	SCIE & Scopus	30	6.609
18	Mr. B Suresh	Effect of sliding velocity and normal applied load on wear behaviour of Al-Ti-SiC	International Journal of Recent Technology and Engineering	November 2019	Scopus	-	



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		composites for automobile brake pad system under dry sliding condition	<a href="https://www.ijrte.org/wp-content/uploads/papers/v8i4/C5943098319.pdf">https://www.ijrte.org/wp-content/uploads/papers/v8i4/C5943098319.pdf</a>				
19	Dr. Upendra Rajak	Characteristics of microalgae spirulina biodiesel with the impact of n-butanol addition on a CI engine	Energy <a href="https://doi.org/10.1016/j.energy.2019.116311">10.1016/j.energy.2019.116311</a>	December 2019	SCIE & Scopus	27	7.147
20	Dr. Abhishek Dasore	A novel empirical model for drying of root vegetables in thin-layers	International Journal of Scientific and Technology Research <a href="http://www.ijstr.org/final-print/jan2020/A-Novel-Empirical-Model-For-Drying-Of-Root-Vegetables-In-Thin-layers.pdf">http://www.ijstr.org/final-print/jan2020/A-Novel-Empirical-Model-For-Drying-Of-Root-Vegetables-In-Thin-layers.pdf</a>	January 2020	Scopus		
21	Dr. Manoj Panchal	Study of moisture absorption and its effect on erosion wear behavior of eggshell nanoparticulate epoxy composite	Materials Today Proceedings <a href="https://doi.org/10.1016/j.matpr.2020.06.501">10.1016/j.matpr.2020.06.501</a>	January 2020	Scopus	1	
22	Dr. Syed Altaf Hussain	Analysis of Dry sliding wear behavior of AA068/TiC MMCs	International Journal of Materials Engineering Innovation <a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJMATEI.2020.104788">https://www.inderscienceonline.com/doi/abs/10.1504/IJMATEI.2020.104788</a>	January 2020	Scopus		
23	Dr. K. T. Reddy	Prediction of the WPP0 Bio-Diesel – Fuelled HCCI Engine using Artificial Neural Networks	Smart Innovation, Systems and Technologies <a href="https://link.springer.com/chapter/10.1007/978-981-15-1616-">https://link.springer.com/chapter/10.1007/978-981-15-1616-</a>	February 2020	Scopus		



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			<u>0_60</u>				
24	Dr. Upendra Rajak	Numerical study on emission characteristics of a diesel engine fuelled with diesel-spirulina microalgae-ethanol blends at various operating conditions.	Fuel <a href="https://doi.org/10.1016/j.fuel.2019.116519">10.1016/j.fuel.2019.116519</a>	February 2020	SCIE & Scopus	22	6.609
25	Dr. Upendra Rajak	Influence of combustion and emission characteristics on a compression ignition engine from a different generation of biodiesel	Engineering Science and Technology, an International Journal <a href="https://doi.org/10.1016/j.jestch.2019.04.003">10.1016/j.jestch.2019.04.003</a>	February 2020	SCIE & Scopus	22	4.36
26	Dr. K. T. Reddy	Influences of pilot injection, main injection and EGR on performance combustion and emissions in an HCCI-DI combustion engine using with Diesel and WPPO bio-diesel blends	International Journal of Ambient Energy <a href="https://www.tandfonline.com/doi/full/10.1080/01430750.2020.1736153">https://www.tandfonline.com/doi/full/10.1080/01430750.2020.1736153</a>	March 2020	ESCI & Scopus		
27	Dr. V. Chandra Sekhar	In situ generation of antibacterial bimetallic silver and copper nanocomposites using Tinospora cordifolia leaf extract as bio reductant	Biointerface Research in Applied Chemistry <a href="https://biointerface.research.com/wp-content/uploads/2020/03/20695837103569574.pdf">https://biointerface.research.com/wp-content/uploads/2020/03/20695837103569574.pdf</a>	March 2020	ESCI & Scopus		
28	Dr. Upendra Rajak	Effect of Dean number on the heat transfer characteristics of a helical coil tube with variable velocity & pressure inlet	Journal of Thermal Engineering <a href="https://doi.org/10.18186/thermal.729149">10.18186/thermal.729149</a>	March 2020	ESCI & Scopus	1	
29	Dr. M. Ashok Kumar	Metallography, Microstructure, and Wear Analysis of AA 6063/TiC Composites for Augmented Dry	Metallography, Microstructure, and Analysis <a href="https://link.springer.com/article/1">https://link.springer.com/article/1</a>	March 2020	ESCI & Scopus	10	



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		Sliding Property at Room Temperature	<a href="https://doi.org/10.1007/s13632-020-00625-6">0.1007/s13632-020-00625-6</a>				
30	Dr. V Siva Reddy	Portable solar drying system with inbuilt PV module for standalone forced convection operation	Journal of Thermal Engineering <a href="https://jten.yildiz.edu.tr/article/172">https://jten.yildiz.edu.tr/article/172</a>	March 2020	ESCI & Scopus		
31	Dr. Manoj Panchal	Effect of Eggshell particulate reinforcement on Tensile Behavior of Eggshell-Epoxy Composite	Lecture Notes in Mechanical Engineering <a href="https://link.springer.com/chapter/10.1007%2F978-981-15-2696-1_38">https://link.springer.com/chapter/10.1007%2F978-981-15-2696-1_38</a>	March 2020	Scopus	0	
32	Dr. Manoj Panchal	Thermogravimetric analysis of bio char from arhar fiber powder prepared at different pyrolysis temperature.	Lecture Notes in Mechanical Engineering <a href="https://link.springer.com/chapter/10.1007%2F978-981-15-2696-1_42">https://link.springer.com/chapter/10.1007%2F978-981-15-2696-1_42</a>	March 2020	Scopus	0	
33	Dr. B. Sidda Reddy	An Experimental Investigation on the Performance, Combustion and Emission Characteristics of CI Diesel Engine at Various Compression Ratios with Different Ethanol-Biodiesel Blends	International Journal of Advanced Science and Technology <a href="http://sersc.org/journals/index.php/IJAST/article/view/10988">http://sersc.org/journals/index.php/IJAST/article/view/10988</a>	April 2020	Scopus		
34	Dr. M. Ashok Kumar	Preparing Nanofilms for food packing with Bio Degradable PLA	AUT AUT Journal <a href="http://www.autri.com/gallery/30-aut-april-2020.pdf">http://www.autri.com/gallery/30-aut-april-2020.pdf</a>	April 2020	Arts & Humanities Citation Index & Scopus	2	0.5
35	Dr. Ramakrishna Balijepalli	Development of a small scale plant for a solar chimney power plant (SCPP): A detailed fabrication procedure,	Renewable Energy <a href="https://doi.org/10.1016/j.renene.2019.12.001">10.1016/j.renene.2019.12.001</a>	April 2020	SCIE & Scopus	13	8.001





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		experiments and performance parameters evaluation					
36	Dr. Upendra Rajak	Epidemic and Challenges of Coronavirus Disease-2019 (COVID-19): India Response	SSRN Elsevier <a href="https://ssrn.com/abstract/10.2139/ssrn.3569665">10.2139/ssrn.3569665</a>	April 2020	Scopus	16	
37	Dr. Abhishek Dasore	A panorama of advances in adsorption refrigeration technique towards a green cooling	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) <a href="http://www.tjprc.org/publishpapers/2-67-1595328033-IJMPERDAPR2020138.pdf">http://www.tjprc.org/publishpapers/2-67-1595328033-IJMPERDAPR2020138.pdf</a>	April 2020	Scopus		
38	Dr. Abhishek Dasore	Comparison of thermal performance of circular fins with different profiles on a vertical cylinder	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) <a href="http://www.tjprc.org/publishpapers/2-67-1595477390-IJMPERDAPR2020142.pdf">http://www.tjprc.org/publishpapers/2-67-1595477390-IJMPERDAPR2020142.pdf</a>	April 2020	Scopus		
39	Dr. Upendra Rajak	Effect of spirulina microalgae biodiesel enriched with diesel fuel on performance and emission characteristics of CI engine	Fuel <a href="https://doi.org/10.1016/j.fuel.2020.117305">10.1016/j.fuel.2020.117305</a>	May 2020	SCIE & Scopus	47	6.609
40	Dr. Upendra Rajak	Effect of microalgae, tyre pyrolysis oil and Jatropha biodiesel enriched with diesel fuel on performance	Fuel <a href="https://www.sciencedirect.com/science/article/abs/pii/S0016236120">https://www.sciencedirect.com/science/article/abs/pii/S0016236120</a>	June 2020	SCIE & Scopus		6.609



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		and emissions characteristics of CI engine	<a href="#">312485?via%3Dihub</a>				
41	Dr. V. Chandra Sekhar	Fabrication of pedal operated lake garbage collector	International Journal of Mechanical and Production Engineering Research and Development <a href="http://www.tjprc.org/view_paper.php?id=13014">http://www.tjprc.org/view_paper.php?id=13014</a>	June 2020	SCOPUS		
42	Dr. Abhishek Dasore	Convective hot air-drying kinetics of red beetroot in thin layers	Frontiers in Heat and Mass Transfer <a href="http://www.frontiersin.org/doi/10.5098/hmt.14.23">10.5098/hmt.14.23</a>	June 2020	ESCI & Scopus		
43	Dr. Upendra Rajak	A numerical investigation of the species transport approach for modeling of gaseous combustion	Journal of Thermal Engineering <a href="https://eds.yildiz.edu.tr/journal-of-thermal-engineering/ArticleInPress">https://eds.yildiz.edu.tr/journal-of-thermal-engineering/ArticleInPress</a>	June 2020	ESCI & Scopus		



**CAYm2 (2018-2019)**

S. No	Author Name	Title of paper	Journal Name	Month & Year	Publication referred Journals (WoS/SCOPUS)	Citations	IF
1	Dr. K. T. Reddy	Static and Dynamic Analysis of Non-Circular Bearings Opening with Non-Newtonian Fluids: A Comprehensive Review	International Journal of Applied Engineering Research <a href="https://www.ripublication.com/ijae_rspl2018/ijaerv13n2spl_22.pdf">https://www.ripublication.com/ijae_rspl2018/ijaerv13n2spl_22.pdf</a>	July 2018	Scopus		
2	Dr. Abhishek Dasore	Thermal design of spiral plate heat exchanger through numerical modelling	International Journal of Mechanical Engineering and Technology <a href="https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_9_ISSUE_7/IJMET_09_07_077.pdf">https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_9_ISSUE_7/IJMET_09_07_077.pdf</a>	July 2018	Scopus	6	
3	Dr. Abhishek Dasore	Comparative study of physical and chemical adsorbents with composite adsorbent pairs for application in adsorption refrigeration system	International Journal of Mechanical Engineering and Technology <a href="https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_9_ISSUE_7/IJMET_09_07_073.pdf">https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_9_ISSUE_7/IJMET_09_07_073.pdf</a>	July 2018	Scopus		
4	Dr. Abhishek Dasore	Effect of non-uniform heat source/sink on MHD boundary layer flow and melting heat transfer of Williamson nanofluid in porous medium	Multidiscipline Modeling in Materials and Structures <a href="https://doi.org/10.1108/MMMS-01-2018-0011">10.1108/MMMS-01-2018-0011</a>	August 2018	ESCI & Scopus	6	
5	Dr. V. Chandra Sekhar	Preparation and properties of silver	International Journal of	September 2018	SCIE & Scopus	7	0.5



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		nanocomposite fabrics with in situ-generated silver nano particles using red sanders powder extract as reducing agent	Polymer Analysis and Characterization <a href="https://www.tandfonline.com/doi/full/10.1080/1023666X.2018.1485200">https://www.tandfonline.com/doi/full/10.1080/1023666X.2018.1485200</a>				
6	Dr. V Siva Reddy	Development of semi-continuous solar powered adsorption water chiller for food preservation	Journal of Thermal Engineering <a href="https://dergipark.org.tr/tr/download/article-file/489602">https://dergipark.org.tr/tr/download/article-file/489602</a>	September 2018	ESCI & Scopus	1	
7	Dr. V. Chandra Sekhar	Effect of fiber loading and fiber length on tensile properties of fiber reinforced epoxy composites	International Journal of Latest Engineering Research and Applications <a href="http://www.ijlera.com/papers/v2-i10/34.201710543.pdf">http://www.ijlera.com/papers/v2-i10/34.201710543.pdf</a>	September 2018	Scopus		
8	Dr. Manoj Panchal	Effects of environmental exposure on tribological properties of Arhar particulate/epoxy composites	Polymer Composites <a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.24316">https://onlinelibrary.wiley.com/doi/abs/10.1002/pc.24316</a>	September 2018	SCIE & Scopus	10	3.17
9	Dr. Abhishek Dasore	Numerical Investigation of chemical Reaction and Heat Source on radiating MHD stagnation point flow of Carreau Nanofluid with suction/injection	Defect and Diffusion Forum <a href="https://www.scientific.net/DDF.10.4028/388.171">10.4028/www.scientific.net/DDF.388.171</a>	October 2018	Scopus	7	
10	Dr. Upendra Rajak	Spirulina microalgae biodiesel – A novel renewable alternative energy source for compression ignition engine	Journal of Cleaner Production <a href="https://doi.org/10.1016/j.jclepro.2018.08.057">10.1016/j.jclepro.2018.08.057</a>	November 2018	SCIE & Scopus	58	9.297



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11	Dr. Y. Siva Kumar Reddy	Study on desiccant solution control strategies for efficient liquid desiccant air conditioning system control performance	Science and Technology for the Built Environment <a href="https://www.tandfonline.com/doi/full/10.1080/23744731.2018.1526017">https://www.tandfonline.com/doi/full/10.1080/23744731.2018.1526017</a>	November 2018	SCIE & Scopus	2	1.99
12	Dr. M. Ashok Kumar	Development and Characterization of Abrasive Wear Behavior of AA- 6351-ZrB2 in-situ Composites	International Journal of Applied Engineering Research <a href="https://www.ripublication.com/ijaerspl2018/ijaerv13n2spl_14.pdf">https://www.ripublication.com/ijaerspl2018/ijaerv13n2spl_14.pdf</a>	November 2018	Scopus	13	
13	Dr. K. T. Reddy	Experimental investigations on 4-stroke single cylinder diesel engine (CI) with changing geometry of piston	International Journal of Mechanical Engineering and Technology <a href="https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_9_ISSUE_13/IJMET_09_13_072.pdf">https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_9_ISSUE_13/IJMET_09_13_072.pdf</a>	December 2018	Scopus		
14	Dr. Ramakrishna Balijepalli	Optimized design and performance parameters for wind turbine blades of a solar updraft tower (SUT) plant using theories of Schmitz and aerodynamics forces	Sustainable Energy Technologies and Assessments <a href="https://doi.org/10.1016/j.seta.2018.10.001">10.1016/j.seta.2018.10.001</a>	December 2018	SCIE & Scopus	13	5.353
15	Dr. Abhishek Dasore	A Panorama of Ideas in the Adoption of an Effective and Efficient Drying Technique for an Agricultural Produce	International Journal of Mechanical and Production Engineering Research and Development <a href="http://www.tjprc.org/view_paper.php?id=10991">http://www.tjprc.org/view_paper.php?id=10991</a>	December 2018	Scopus	3	



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16	Dr. M. Ashok Kumar	Characterization of Mechanical Behavior of New Hybrid Fiber Reinforced Composite Sheets: An Experimental Approach	International Journal of Recent Technology and Engineering <a href="https://www.ijrte.org/wp-content/uploads/papers/v7iicetesm18/ICETESM26.pdf">https://www.ijrte.org/wp-content/uploads/papers/v7iicetesm18/ICETESM26.pdf</a>	December 2018	Scopus	5	
17	Dr. Upendra Rajak	A comparative analysis of engine characteristics from various biodiesels: Numerical study	Energy Conversion and Management <a href="https://doi.org/10.1016/j.enconman.2018.11.044">10.1016/j.enconman.2018.11.044</a>	January 2019	SCIE & Scopus	39	9.709
18	Dr. Upendra Rajak	Assessment of diesel engine performance using spirulina microalgae biodiesel	Energy <a href="https://doi.org/10.1016/j.energy.2018.10.098">https://doi.org/10.1016/j.energy.2018.10.098</a>	January 2019	SCIE & Scopus	77	7.147
19	Dr. Ramakrishna Balijepalli	A Complete Design Data and Performance Parameter Evaluation of a Pilot Scale Solar Updraft Tower	Heat Transfer Engineering <a href="https://www.tandfonline.com/doi/full/10.1080/01457632.2018.1546811">https://www.tandfonline.com/doi/full/10.1080/01457632.2018.1546811</a>	January 2019	SCIE & Scopus	6	2.172
20	Dr. Y. Siva Kumar Reddy	Thermal energy analysis on liquid desiccant air conditioning system at different desiccant solution parameters	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering <a href="https://journals.sagepub.com/doi/10.1177/0954408919825721">https://journals.sagepub.com/doi/10.1177/0954408919825721</a>	February 2019	SCIE & Scopus	2	1.62
21	Dr. Upendra Rajak	Effect of fuel injection pressure in a diesel engine using microalgae-diesel emulsion	International Journal of Engineering and Advanced Technology <a href="https://www.researchgate.net/profile/Upendra-Rajak/publication/331466117_Effect_of_Fuel_Injection">https://www.researchgate.net/profile/Upendra-Rajak/publication/331466117_Effect_of_Fuel_Injection</a>	February 2019	Scopus	10	



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			<a href="#">Pressure in a Diesel Engine Using Microalgae-Diesel Emulsion/links/5c826fae92851c6950613550/Effect-of-Fuel-Injection-Pressure-in-a-Diesel-Engine-Using-Microalgae-Diesel-Emulsion.pdf</a>				
22	Dr. Ashif Perwez	Heat transfer and friction factor characteristic of spherical and inclined teardrop dimple channel subjected to forced convection	Experimental Heat transfer <a href="https://www.tandfonline.com/doi/full/10.1080/08916152.2018.1485786">https://www.tandfonline.com/doi/full/10.1080/08916152.2018.1485786</a>	March 2019	SCIE & Scopus	11	2.963
23	Dr. K. T. Reddy	Experimental Study on the Effect of Inlet Air Temperature on Waste Plastic Pyrolysis Oil with Diesel Fuelled HCCI Combustion Engine	International Journal of Recent Technology and Engineering <a href="https://www.ijrte.org/wp-content/uploads/papers/v7iicetesm18/ICETESM36.pdf">https://www.ijrte.org/wp-content/uploads/papers/v7iicetesm18/ICETESM36.pdf</a>	March 2019	Scopus		
24	Dr. Syed Altaf Hussain	Surface Roughness Measurement of Machined Surfaces by Machine Vision Technique	International Journal of Recent Technology and Engineering <a href="https://www.ijrte.org/wp-content/uploads/papers/v7iicetesm18/ICETESM31.pdf">https://www.ijrte.org/wp-content/uploads/papers/v7iicetesm18/ICETESM31.pdf</a>	March 2019	Scopus		
25	Dr. V. Chandra Sekhar	Antibacterial cotton fabrics with in situ generated silver and copper bimetallic nanoparticles using red sanders powder extract as reducing agent	International Journal of Polymer Analysis and Characterization <a href="https://www.tandfonline.com/doi/full/10.1080/1023">https://www.tandfonline.com/doi/full/10.1080/1023</a>	April 2019	SCIE & Scopus	7	0.5



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			<a href="#">666X.2019.1598631</a>				
26	Dr. K. T. Reddy	Investigation on the Performance of Diesel Engine with Modified Piston Geometry and Using Waste Plastic Pyrolysis Oil Blend	International Journal of Recent Technology and Engineering (IJRTE) <a href="https://www.ijrte.org/wp-content/uploads/papers/v8i1S2/A00170581S219.pdf">https://www.ijrte.org/wp-content/uploads/papers/v8i1S2/A00170581S219.pdf</a>	May 2019	Scopus		
27	Dr. Ashif Perwez	Heat transfer performance investigation of the spherical dimple heat sink and inclined teardrop dimple heat sink	Numerical Heat Transfer, Part A: Applications <a href="https://www.tandfonline.com/doi/full/10.1080/10407782.2019.1612676">https://www.tandfonline.com/doi/full/10.1080/10407782.2019.1612676</a>	May 2019	SCIE & Scopus	6	2.668
28	Dr. K. T. Reddy	Experimental Investigation on the effect of Piston Geometry by using Wood Pyrolysis Oil Blends with Diesel	International Journal of Mechanical and Production Engineering (IJMPE) <a href="http://ijmpe.iraj.in/paper_detail.php?paper_id=15382&amp;name=Experimental%20Investigation%20on%20the%20Effect%20of%20Piston%20Geometry%20by%20using%20Wood%20Pyrolysis%20Oil%20Blends%20with%20Diesel">http://ijmpe.iraj.in/paper_detail.php?paper_id=15382&amp;name=Experimental Investigation on the Effect of Piston Geometry by using Wood Pyrolysis Oil Blends with Diesel</a>	June 2019	Scopus		
29	Dr. G. Venkatesh	Modelling and optimization of TAM in turning of Inconel 718 superalloy using RSM and PSO	Emerging Materials Research <a href="https://www.icevirtuallibrary.com/doi/abs/10.1680/jemmr.17.00018">https://www.icevirtuallibrary.com/doi/abs/10.1680/jemmr.17.00018</a>	June 2019	SCIE & Scopus	1	0.5





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30	Dr. Upendra Rajak	Effect of fuel injection pressure of microalgae spirulina biodiesel blends on engine characteristics	Journal of Computational and Applied Research in Mechanical Engineering <a href="#">10.22061/JCARM</a> <a href="#">E.2019.4767.1578</a>	June 2019	Scopus	7	
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**CAYm2 (2017-2018)**

S. No	Author Name	Title of paper	Journal Name	Month & Year	Publication in referred Journals (Wos/SCOPUS)	Citations	IF
1	Dr. Ramakrishna Balijepalli	Performance parameter evaluation, materials selection, solar radiation with energy losses, energy storage and turbine design procedure for a pilot scale solar updraft tower	Energy Conversion and Management <a href="https://doi.org/10.1016/j.enconman.2017.08.043">10.1016/j.enconman.2017.08.043</a>	October 2017	SCIE & Scopus	30	9.709
2	Dr. Ashif Perwez	Forced convection-based heat transfer analysis of spherical dimple and protrusion surface in turbulent flow	Transactions of the Canadian Society for Mechanical Engineering <a href="https://cdnsciencepub.com/doi/10.1139/tcsme-2017-511">https://cdnsciencepub.com/doi/10.1139/tcsme-2017-511</a>	December 2017	SCIE & Scopus	3	0.573
3	Dr. Md. Alamgir	Processing of PMMA nanocomposites containing biocompatible GO and TiO2 nanoparticles	Materials and Manufacturing Processes <a href="https://www.tandfonline.com/doi/full/10.1080/10426914.2018.1424996">https://www.tandfonline.com/doi/full/10.1080/10426914.2018.1424996</a>	January 2018	SCIE & Scopus	14	3.3
4	Dr. Upendra Rajak	Numerical investigation of performance, combustion and emission characteristics of various biofuels	Energy Conversion and Management <a href="https://doi.org/10.1016/j.enconman.2017.11.017">10.1016/j.enconman.2017.11.017</a>	January 2018	SCIE & Scopus	76	9.709



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5	Dr. Md. Alamgir	Graphene oxide and TiO <sub>2</sub> based PMMA nanocomposites for dental applications: A comprehensive study of the mechanical properties	IOP Conference Series: Materials Science and Engineering <a href="https://iopscience.iop.org/article/10.1088/1757-899X/377/1/012082/meta">https://iopscience.iop.org/article/10.1088/1757-899X/377/1/012082/meta</a>	January 2018	Scopus	3	
6	Dr. K. Sudha Madhuri	Chemical and water absorption behaviour of hardwickia binata fiber reinforced composites	Int. J. of Mechanical and Production Engineering Research and Development <a href="http://www.tjprc.org/publishpapers/2-67-1515568456-52.IJMPERDFEB201852.pdf">http://www.tjprc.org/publishpapers/2-67-1515568456-52.IJMPERDFEB201852.pdf</a>	February 2018	Scopus	4	
7	Dr. V Siva Reddy	Experimental investigation on adsorption capacity of ACF-Methanol pairs for cooling application	International Journal of Ambient Energy <a href="https://www.tandfonline.com/doi/full/10.1080/01430750.2017.1318787">https://www.tandfonline.com/doi/full/10.1080/01430750.2017.1318787</a>	March 2018	ESCI & Scopus	3	
8	Dr. Manoj Panchal	Effects of Environmental Conditions on Erosion Wear of Eggshell Particulate Epoxy Composites	Silicon <a href="https://link.springer.com/article/10.1007/s12633-016-9505-x">https://link.springer.com/article/10.1007/s12633-016-9505-x</a>	March 2018	SCIE & Scopus	18	2.67
9	Dr. B. Sidha Reddy	A review on tribological behaviour of natural reinforced composites, Journal of Reinforced Plastics and Composites	Journal of Reinforced Plastics and Composites <a href="https://journals.sagepub.com/doi/abs/10.1177/0731684417747742?journalCode=jrpa">https://journals.sagepub.com/doi/abs/10.1177/0731684417747742?journalCode=jrpa</a>	March 2018	SCIE & Scopus	19	3.71



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10	Dr. K. Sudha Madhuri	Experimental investigation on the mechanical properties of Hardwickia Binata fibre reinforced polymer composites	Materials Today: Proceedings <a href="https://doi.org/10.1016/j.matpr.2018.06.355">10.1016/j.matpr.2018.06.355</a>	March 2018	Scopus	2	
11	Dr. K. Sudha Madhuri	Characterization of new Cellulosic Fiber from the bark of Hardwickia Binata (Narepa)	International Journal of Applied Engineering Research <a href="http://www.ripublication.com/ijaer18/ijaerv13n2_22.pdf">http://www.ripublication.com/ijaer18/ijaerv13n2_22.pdf</a>	March 2018	Scopus	2	
12	Dr. Abhishek Dasore	Thermodynamic Analysis and Effects of Replacing HFC by Fourth-Generation Refrigerants in VCR Systems	International Journal of Air-Conditioning and Refrigeration <a href="https://www.worldscientific.com/doi/abs/10.1142/S201013251850013X">https://www.worldscientific.com/doi/abs/10.1142/S201013251850013X</a>	April 2018	ESCI & Scopus	8	
13	Dr. Manoj Panchal	Moisture absorption behaviour of treated and untreated eggshell particulate epoxy composites	Silicon <a href="https://link.springer.com/article/10.1007/s12633-016-9541-6">https://link.springer.com/article/10.1007/s12633-016-9541-6</a>	May 2018	SCIE & Scopus	10	2.67
14	Dr. Manoj Panchal	Influence of Distinct Environment on the Mechanical Characteristics of Arhar Fiber Polymer Composites	Silicon <a href="https://link.springer.com/article/10.1007/s12633-016-9536-3">https://link.springer.com/article/10.1007/s12633-016-9536-3</a>	May 2018	SCIE & Scopus	9	2.67
15	Dr. Upendra Rajak	Effect of emission from ethylic biodiesel of edible and non-edible vegetable oil, animal fats, waste oil and alcohol in CI engine	Energy Conversion and Management <a href="https://doi.org/10.1016/j.enconman.2018.04.070">10.1016/j.enconman.2018.04.070</a>	June 2018	SCIE & Scopus	11 1	9.709