



## DEPARTMENT OF MECHANICAL ENGINEERING PAPER PUBLICATIONS

Names (s) of the Authors	Title of the Paper	Name of the Journal/ Conference	Volume No, Issue No, Year	Indexed in SCI/Scopus/UGC
<b>Dr.B.V.RAMANA MURTY</b>	Aerodynamic Analysis of Fairings for Bicycles	International Journal of innovative Research in technology	Volume 8 issue 4 September 2021	ELSEVIER
<b>Dr.B.V.RAMANA MURTY</b>	Design and Analysis of A single Point Turning Tool by using Pro/e and Annoys	Proceedings of National conference on recent Advances in Mechanical Engineering NCRAME'14 JNTUK& V	22nd March 2014.	NATIONAL CONFERENCE
<b>Dr.B.V.RAMANA MURTY</b>	Simulation Analysis on pull production control systems by hybridization of CONWIP mechanism	International congress on innovative trends in Information Technologies and computing Sciences for competitive world order	ITITCSCWO-2013, JNU, New Delhi.	INTERNATIONAL CONFERENCE
<b>Dr.B.V.RAMANA MURTY</b>	Performance Evaluation of Pull production control mechanism using mathematical and simulation analysis on EKCS and HEKCS policies	2nd international conference on mechanics, simulation and control	ICMSC-2013, Coimbatore	INTERNATIONAL CONFERENCE
<b>J. Kalpana</b>	Influence of Amplitude on the Tensile Strength of Welded Joints fabricated under Vibratory Weld Conditioning	<i>Journal of Mechanical Engineering Research and Developments</i>	Vol. 39, Issue 3, pp. 757-762, 2016	SCOPUS
<b>J. Kalpana</b>	Effect of vibratory welding process on hardness of dissimilar welded joints	<i>Engineering Solid Mechanics</i>	Vol. 5, Issue 2, pp. 133-138, 2017	SCOPUS
<b>J. Kalpana</b>	Effect of frequency on impact strength of dissimilar weldments produced with vibration	<i>International Journal of Chemical Sciences</i>	Vol. 14, Issue 3, pp. 1797-1804, 2016	SCOPUS
<b>J. Kalpana</b>	A review on techniques for improving	<i>Engineering Solid</i>	Vol. 5, Issue 4, pp. 213-224,2017	SCOPUS

	mechanical properties of fusion welded joints: A Review	<i>Mechanics</i>		
<b>J. Kalpana</b>	Mechanical properties enhancement in dissimilar weldments fabricated under vibratory weld conditioning	<i>Advanced Science, Engineering and Medicine</i>	Vol. 9, Issue 6, pp. 493–498, 2017	UGC
<b>J. Kalpana</b>	Regression Analysis for Estimating Hardness and Tensile Strength of Vibratory Dissimilar Welded Joint	International Journal of Management, Technology and Engineering	Vol.8, Issue 12, pp. 3560-3573, 2018	UGC
<b>M. Srinivasarao</b>	Synthesis, testing, and evaluation of efficiency and emissions properties of tamarind-based biodiesel with magnetite nanoparticles	Journal of Thermal Analysis and Calorimetry	2024, 1-14	SCOPUS
<b>M. Srinivasarao</b>	Synthesis, stability, and emission analysis of magnetite nanoparticle-based biofuels	Journal of Engineering and Applied Science	69(1):79, 2022	SCOPUS
<b>M.Srinivasa Rao</b>	Analysis on CI Engine with Thermal Barrier Coating and Biodiesel Blends	Recent Advances in Material Science	pp. 711-721 , 2019	<a href="#">lecture notes</a>
<b>M.Srinivasa Rao</b>	Effects of Nanoparticles Additives on Performance and Emissions Characteristics of a DI Diesel Engine Fuelled with Biodiesel	International Journal of Advances in Engineering & Technology	Volume 9 Issue 6, pp. 689-695 , 2016	UGC
<b>M.Srinivasa Rao</b>	Performance Analysis of DI Diesel Engine Fuelled with Diesel along with Nano Additives	International Journal of Engineering Trends and Technology	24(2) (2015) 107–110	UGC
<b>M.Srinivasa Rao</b>	Performance Evaluation and Recurring Jamming Problem Analysis of air Preheater in coal-fired power plants	International Research Journal of Engineering and Technology	2(5), 2015	UGC
<b>M.Mouli Kumar</b>	SYNTHESIS & CHARACTERIZATION OF	International	Volume 11 Issue	UGC

	EGGSHELL REINFORCED POLYMER COMPOSITES	Research Journal of Engineering and Technology	04, Apr 2024 .	
<b>M.Mouli Kumar</b>	Design and fabrication of solar wind mill	International journal for multi disciplinary research	volume 5,issue 2(March-April 2023)	UGC
<b>M.Mouli Kumar</b>	Self Charging through Regenerative Braking System	International journal for multi disciplinary research	volume 5,issue 2(March-April 2023)	UGC
<b>M.Mouli Kumar</b>	Robotic Detector with Rocker Bogie Mechanism	International journal for multi disciplinary research	volume 5,issue 2(March-April 2023)	UGC
<b>M.Mouli Kumar</b>	Design and fabrication of 3-axis CNC Machine	international Journal of research publication and reviews	volume 3,issue 5,2022	UGC
<b>R S KIRAN</b>	Competency based training and development for the Engineering Students	IJERA	VOL-1,Iss-2,pp 246-250 (2011)-	UGC
<b>R S KIRAN</b>	Design and the Analysis of the Multi-Functional Helmet for the Industries	IJERA	Vol-1,Iss-4,pp 1774-1784(2011)	UGC
<b>R S KIRAN</b>	Teaching the Technical People through the Travel and Tourism	IJERA	Vol-2 ,Iss-2,pp 133-142 (2012)	UGC
<b>R S KIRAN</b>	Redesigning of a Service Center with the free and open source softwares providing R <sup>4</sup>	IJERA	Vol-3 ,Iss-5,pp 166-170(2013)	UGC
<b>R S KIRAN</b>	Brainstorming as a tool for the Benchmarking for achieving the results in the Service-Oriented-Businesses (An online survey : study approach )		Vol-2,Iss-4,pp 310-313 (2013)	UGC
<b>R S KIRAN</b>	Methodology of conducting an Action Research in a digitized manner	IJRME	Vol-1,Iss-1,pp 44-55 (2013)-	UGC
<b>R S KIRAN</b>	Analysis of a Service Quality using the SERVQUAL method and the Importance Analysis (IA) for the customer service(S) in a service center in India	IJCBS	Vol-1,ISS-1,pp 09-21 (2013)	UGC
<b>R S KIRAN</b>	What are the ways to develop the Rural-Techno-Entrepreneur(S)	IJRMS	Vol-1,Iss-1,pp 79-82 (2013)-	UGC
<b>R S KIRAN</b>	A research methodology for the CRM – A new research approach	IJERA	Vol-3,Iss-5,pp 176-187 (2013)-	UGC
<b>R S KIRAN</b>	Study and Redesign of	GJAES	Vol-3,Iss-4,pp 172-	UGC

	maintenance service operations of Four-Wheelers (CARS)		180 (2013)	
<b>R S KIRAN</b>	Alternative approach of research for Fluid Mechanics using the Multi-Disciplinary tools	IJERA	Vol-3,Iss-6 ,pp 1956-1964 (2013)-	UGC
<b>R S KIRAN</b>	A novice approach to solve the engineering / technology problems with the most updated tools	IJOER	Vol-2,Iss-4 (2014)-	UGC
<b>R S KIRAN</b>	How to make the financial analysis an easy task –A comparative analysis between the traditional and the modern approach	IJERA	Vol-4,Iss-8 (2014)-	UGC
<b>R S KIRAN</b>	A literary study on the bonding of the six sigma with the service quality for the enrichment of the service sector(S) for the construction projects	IJERA	Vol-4,Iss-9 (2014)	UGC
<b>R S KIRAN</b>	A Review on the online tools for the effective management of the engineering projects	JSAER	Vol-1,Iss-2 (2014)-	UGC
<b>R S KIRAN</b>	An Online review for the Business Sustenance with the Utmost clean and green energy tools	GJAR	Vol-2 ,Iss-2 (2015)	UGC
<b>R S KIRAN</b>	Online survey tools for the Descriptive Studies	GJAR	Vol-2 ,Iss-2 (2015)- SINGLE AUTHOR	UGC
<b>R S KIRAN</b>	A Gate-Way To R&D,L&D,T&D,F&D,M&D And G&D [A Review With The Online Surveys And Online Calculators ]	GJAR	Vol-2 ,Iss-2 (2015)	UGC
<b>R S KIRAN</b>	A literature survey on the TCP-Test Case Prioritization using the RT-Regression Techniques	GJRE	Vol-15 , Iss-5 (2015)	UGC
<b>R S KIRAN</b>	A Case-Study on the on-line survey and the on-line tools for the policy , theory and practice implications	IJS DR	Vol-2 ,Iss-2 (2015)	UGC
<b>R S KIRAN</b>	E-Research procedure for the engineering design optimization approach	IJEAST	Vol-1 ,Iss-2 (2016)	UGC
<b>R S KIRAN</b>	A bird's eye-view on the measurement of the service quality for the service center operations with reference to the living standards in general	SMT journal	Vol-1 ,Iss-1 (2016)	UGC
<b>R S KIRAN</b>	A research methodology connecting the meta-analysis and the on-line tools	AJMECS	Vol-1,Iss-2 (2016)	UGC
<b>R S KIRAN</b>	A Research Oriented Methodological Approach for the Motor Vehicle Service Centers with Customer Relationship Managementthe online	IJITM	Vol -2,Iss-1(2016)V	UGC

	surveys for the end results			
<b>R S KIRAN</b>	A basic and the applied research methodology for the generation of the enhanced research results for the stem	JOBARI	Vol.: 18, Issue.: 1(2016)	UGC
<b>R S KIRAN</b>	Procedure to verify whether a Hyposthesis is a Null Hypothesis or an Alternate Hypothesis for the Business Intelligence	IJETAE		UGC
<b>R S KIRAN</b>	Design, Analysis and Fabrication of the Biomedica plant using Al-Zn-Mg / Cu powder reinforced composite alloys	Materials Today Proceeding		Elsevier
<b>R S KIRAN</b>	Fabrication, Characterization and Finite Element Analysis of Disc Brake using aluminium alloy using A356 metal matrix composite	Materials Today Proceeding		Elsevier
<b>R S KIRAN</b>	Improve Quay Crane Reliability through Lean-Kaizen	IJMTST	Vol.: 7, Issue.: 10(2021)-	UGC & MSME
<b>R S KIRAN</b>	Design of CNC Machining	IJRPR	Vol.: 2, Issue.: 8(2021)	UGC
<b>R S KIRAN</b>	Design of wind turbine blade or self-renewable electric vehicle	IJMTST	Vol.: 7, Issue.: 10(2021)	UGC
<b>R S KIRAN</b>	IOT based 360deg drilling machine using NODEMCU	IJRPR	Vol.: 2, Issue.: 8(2021)	UGC
<b>R S KIRAN</b>	Design and Fabrication of Solenoid Radial Engine	IJRPR	Vol.: 3, Issue.: 5(2022)	UGC
<b>R S KIRAN</b>	Design and Fabrication of an Electric Vehicle	IJRPR	Vol.: 3, Issue.: 4 (2022)	UGC
<b>R S KIRAN</b>	Enhancing the productivity for the National GDP (A case study of the Iron & Steel Industry)	IJTE	Vol: XV, ISS-I(2023)	UGC & MSME
<b>R S KIRAN</b>	A Novice Approach for the Beginners of the Professional Medical Researchers: An Introduction	IRJHTI	Vol. 2 No. 03 (2023)	OFFICIAL JOURNAL ON the subject of MEDICAL SCIENCES
<b>R S KIRAN</b>	A Research Methodology Connecting Meta-analysis and the Online Tools for the Budding Medicos: A Review	IRJHTI	Vol. 2 No. 02 (2023)	OFFICIAL JOURNAL ON the subject of MEDICAL SCIENCES
<b>P.RAJESWARI</b>	Transient heat transfer analysis of heat exchangers in a marnoch heat engine	JES	Vol 13, Issue 02, Feb/2022	UGC
<b>P.RAJESWARI</b>	Design and fabrication of multifaceted automation system for bucket excavator manufacturing	IJSREM	Volume: 08 Issue: 04   April – 2024	UGC
<b>M.SANTOSHI PAVANI</b>	Fabrication of fire fighting robot	IJSREM	Volume: 08 Issue:	UGC

			04   April – 2024	
M.SANTOSHI PAVANI	Strength Evaluation Of Aluminium Alloy And Its Application O Ship Propellar	IJMER	Volume 6, Issue 7(2), July, 2017.	UGC
CH.BHANUSRI	Thermal Properties of Pine Apple Leaf Fiber Reinforced Epoxy Composites by using Experimental and ANSYS Analysis	IJMETMR	Volume No: 4(2017), Issue No: 5 (may)	UGC
CH.BHANUSRI	Particle Size Effects of the Boric Acid in the Machining of AISI 1040 STEEL	IJRPR	Volume 2, Issue 2, 2021.	UGC
CH.BHANUSRI	Design And Fabrication Of Arduino Based Pneumatic Punching Machine	IJRPR	Volume 3, Issue 5, 2022	UGC
CH.BHANUSRI	A Comprehensive approach for stakeholder collaboration	IJCRT	Volume 11, Issue 12 December 2023	UGC
CH.BHANUSRI	Revolutionizing indian manufacturing: A comprehensive framework for seamless integration into the industry 4.0 landscape and beyond	IJCRT	Volume 11, Issue 12 December 2023	UGC
CH.BHANUSRI	IOT Based Solar Grass Cutting Robot	IJFMR	Volume 5, Issue 2, March-April 2023	UGC
M.Padmanabham	Design and fabrication of 3D Printer	IJRPR	Volume 3, Issue 5, 2022	UGC
M.Padmanabham	To study Material handling systems in order to improve productivity	IJRPR	Volume 3, Issue 5, 2022	UGC
M.Padmanabham	Nonlinear Finite Element Buckling Analysis of Arm stand of dynamic compaction machinery	IJRASET	Volume 7 Issue IX, Sep 2019	UGC
M.Padmanabham	Design and analysis of a heavy vehicle chassis for composite materials for optimum load conditions	JETIR	February 2018, Volume 5, Issue 2	UGC
M.Padmanabham	Static Analysis on a Savonius rotor type wind turbine made using mild steel material	IJMPE	Volume-4, Issue-3, April 2016	UGC