

RESEARCH PUBLICATIONS IN INTERNATIONAL/CONFERENCES/NATIONAL CONFERENCES /JOURNALS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SL.N O	Name of the faculty	Title of the paper	Year of publication details	Journal name	Conference names	Scopus/UG C/etc
1.	Dr. V Rama Krishna Tottempudi	Bandwidth Enhancement of Circular Wheel Slot Antenna for GPS, WLAN and C-Band Applications	2022	Communication, Software and Networks, Lecture Notes in Networks and Systems 493	International RF and Microwave Conference, RFM - IEEE	Scopus
		Koch Fractal Iterations Based T-Patch Antenna For Low Giga Hertz And Wireless Applications	2022	2022 IEEE International RF and Microwave Conference (RFM)	Journal of Physics: Conference Series	Scopus
		Circular Monopole Electromagnetic Band Gap Structured Antenna SLL Optimization using Heuristic, 1804	2021	Journal of Physics: Conference Series	<i>International Conference on Advances in Computing and Communication Engineering (ICACCE)</i>	Scopus
		Design of a Quad-Band Annular Ring-Loaded Circular Patch Antenna with Meander Line Slot and DGS for Wireless Applications, 269-276	2021	Lecture Notes in Electrical Engineering,	International Conference on Vision Towards Emerging Trends in Communication and Networking (ViTECoN)	Scopus

		Dual AnnularRing Coupled Stacked Psi Shape Patch Antenna for Wireless Applications, 446-453	2020		International Conference on Electromagnetic Interference and Compatibility (INCEMIC)	SCI
		A compact UWB microstrip antenna with hexagonal circular patch and asymmetric CPW-fed for on-body applications, 584-590	Feb, 2020	International Journal of Emerging Trends in Engineering Research	International Conference on Devices, Circuits and Systems (ICDCS)	Scopus
		Design a tri-band hexagonal patch antenna for wireless applications, 659-667	2020	Lecture Notes in Electrical Engineering	International Conference on Devices, Circuits and Systems (ICDCS)	Scopus
		Design and performance evaluation of D-flip-flop using various technology Nodes, 1996-2001	May, 2020	International Journal of Emerging Trends in Engineering Research	International Conference on Advanced Research in Engineering and Technology (ICARET)	Scopus
		Electromechanical and RF performance analysis of MEMS shunt configuration Switch, 563-568, no.26	2019	International Journal of Emerging Trends in Engineering Research	International Conference on RF and Signal Processing Systems (RSPS)	Scopus
		Design analysis and performance evaluation of annulus patch antennas,3116-3122	2019	International Journal of Recent Technology and Engineering,	International Conference on Emerging Technologies and Applications in Engineering, Technology and Science	Scopus

		Gain enhancement modelling of coplanar waveguide fed circular monopole antenna with EBG placement, 1986-1991	Aug 2019	International Journal of Engineering and Advanced Technology	National Conference on Optical and Wireless Communication (NCOW)	Scopus
		Electromagnetic bandgap structured CPW fed circular monopole antenna with bandwidth enhancement for wideband applications,879-882	2019	International Journal of Innovative Technology and Exploring Engineering	International Conference on Sensors, Signal Processing, Communication, Control and Instrumentation (SSPCCIN)	Scopus
		Design and study of a CPW fed truncated circular patch switchable band-notched UWB antenna, 3037-3043	2019	International Journal of Recent Technology and Engineering	International Conference on Information and Communication Technology in Electrical Sciences (ICTES)	Scopus
		A novel study on EBG structured CPW-fed CoM antenna for WiMAX, WLAN applications	April 2019	Proceedings of the International Conference on Advances in Computing and Communication Engineering, ICACCE 2019	International Conference on Wireless Communication & Sensor Networks	Scopus
		Micro strip antenna design for low power cognitive radio applications,341-343	March 2019	International Journal of Recent Technology and Engineering,	National Conference on Advanced Communication Technologies	Scopus
		Investigation on EBG structured	2019	Proceedings -		Scopus

		CPW fed CM antenna for WiMAX, WLAN applications		International Conference on Vision Towards Emerging Trends in Communication and Networking, ViTECoN 2019	
		Planar monopole antenna with compact EBG for wireless body area network (WBAN) applications, 309-313	March 2019	International Journal of Recent Technology and Engineering	Scopus
		Coaxial fed multilayered U-slot defected ground structured antenna for medical and wireless applications, 371-377	April 2018	International Journal of Pharmaceutical Research	Scopus
		Low latency path aware XY-X routing algorithm for NoC architectures	2018	International Journal of Engineering and Technology(UAE)	Scopus
		An efficient algorithm for congestion control and load distribution in NOC environment, 1474-1483	2018	Journal of Advanced Research in Dynamica and Control Systems	Scopus
		Electromagnetic bandgap structured CPW fed circular Monopole antenna with bandwidth enhancement for wideband applications	2018	International Journal of Engineering and Technology(UAE)	Scopus
		Wideband defected ground structured monopole antenna with electromagnetic band gap loading, 4099-4103	Jan 2018	Journal of Engineering and Applied Sciences	Scopus

		An effective energy management system for smart office cubicles using IoT,338-347	Jan 2018	Journal of Advanced Research in Dynamical and Control Systems		Scopus
		Dual-Band-Notched CPW-Fed Antennas with WiMAX/WLAN Rejection for UWB Communication, 559-570	2018	Lecture Notes in Electrical Engineering, Springer		Scopus
		Frequency-selective surface-based wideband high-gain antenna, 85-94	2018	Smart Innovation, Systems and Technologies		Scopus
		Design of a low power D-FF using DMTGDI logic,108-116	2018	Journal of Advanced Research in Dynamical and Control Systems		Scopus
		Design of CPW fed f-shaped circularly polarized antenna for amateur radio vehicular communications,360-365	2018	International Journal of Engineering and Technology(UAE)		Scopus
		SRR loaded half -mode substrate integrated waveguide monopole slot antenna for multiband applications, 560-564	2018	International Journal of Engineering and Technology(UAE)		Scopus
		Multiband Semicircular Planar Monopole Antenna with Spiral Artificial Magnetic Conductor,599-607	2018	Lecture Notes in Electrical Engineering		Scopus
		Frequency reconfigurable antenna for Ku-band applications,6527-6532	Nov 2017	ARNP Journal of Engineering and Applied Sciences		Scopus

		A CPW-Fed slotted monopole antenna for X-band applications, 279-281	Oct 2017	INCEMIC 2015 - 13th International Conference on Electromagnetic Interference and Compatibility, Proceedings		Scopus
		Liquid crystal polymer based optimized notch band monopole antenna,799-806	Sept 2017	Rasayan Journal of Chemistry		Scopus
		Liquid crystal polymer based compact CPW fed dual band antenna for automotive applications,119-126	2017	Journal of Advanced Research in Dynamical and Control Systems		Scopus
		Design and performance analysis of a nonvolatile memory cell,2320-2327	2017	Journal of Advanced Research in Dynamical and Control Systems		Scopus
		Compact fractal monopole antenna with defected ground structure for wide band applications,23-27	Sept 2016	Journal of Theoretical and Applied Information Technology		Scopus
		Microstrip line fed leaky wave antenna with shorting vias for wideband systems,1725-1731	2016	International Journal of Electrical and Computer Engineering		Scopus
		An effective on-chip network topology for Network on Chip (NoC) trade-offs,9,(17)	2016	Indian Journal of Science and Technology,		Scopus
		Hybrid overlay/underlay	2016	Indian Journal of		Scopus

		transmission with partial and opportunistic relay selection in cognitive radio networks,9(39)		Science and Technology		
		Strip loaded closed loop resonator based multiband defected ground structured antenna, 1417-1422	2016	Journal of Engineering and Applied Sciences		Scopus
		Bandwidth enhanced electromagnetic Bandgap structure structured closed ground monopole antenna, 211-224	Jan 2016	Leonardo Electronic Journal of Practices and Technologies		Scopus
		Analysis of outage probability, throughput in hybrid cognitive radio networks with and without transceiver impairments, 9538-9544	2016	ARNP Journal of Engineering and Applied Sciences		Scopus
		Triple band linearly polarized square slotted microstrip antenna for X-band applications,99-110	Dec 2015	Far East Journal of Electronics and Communications		Scopus
		Novel miniaturized wide band annular slot monopole antenna,149-159	Dec 2015	Far East Journal of Electronics and Communications		Scopus
		BIST architecture for digital system using CA-LFSR and MSIC test pattern generators, 3514-35119	Sept 2015	International Journal of Applied Engineering Research		Scopus
		Design and implementation of a low power comparator circuit using reversible logic technology on FPGA, 28471-28480	2015	International Journal of Applied Engineering Research		Scopus
		Design of sensible voltage and	2015	International		Scopus

		current references in CMOS process technologies, 22603-22612		Journal of Applied Engineering Research		
		A novel compact CPW fed slot antenna with EBG structure, 835-841	2015	ARNP Journal of Engineering and Applied Sciences		Scopus
		An implementation of patterns for high level music control of digital signal processing, 25543-25553	2014	International Journal of Applied Engineering Research		Scopus
		Design of dual director short back fire antenna for UWB applications	Oct 2014	Proceedings of the IEE E International Caracas Conference on Devices, Circuits and Systems, ICCDCS		Scopus
		High speed carry select adder for ALU blocks, 2939-2946	2013	International Journal of Engineering and Technology,		Scopus
2.	Dr R Suneetha	Antenna Design on Silicon with Bandwidth Improvement	2018	Journal of Emerging Technologies and Innovative Research (ISSN: 2349-5162)	Doctoral Scholars' Colloquium, organized by the IEEE MTT-S Jadavpur University	UGC
		Recent Trends in Bio-Medical Textile Antennas	2020	Journal of International	International Conference	SCOPUS

				Journal of Innovative Technology and Exploring Engineering (ISSN: 2278-3075)	INDIA-2012	
		Miniaturized Microstrip Patch Antenna for Biomedical Applications	2020	Journal of TEST Engineering and Management (ISSN: 0193-4120)	IEEE conference on Advances in Communication, Navigation and Computer Networks (ACNCN-2012)	UGC
5	Mr.M.Sanjivi Naidu	Effect of Li ⁺ Substitution on Dielectrics behaviour of BSNN Ceramics	2005	ferroelectrics;325;3-6/ International Journal of research publication and reviews		ISSN:015-0193
7	Mrs.A.Swapna	LDPC Decoders for the Design and Implementation of High Performance and Low Cost Techniques	2022	International Journal of research publication and reviews		IJRPR15465
9	Mrs.CRK Gayatri	Design and analysis of 10t sram cell for feedback control	NOV 2021	International Journal of Science & Engineering Development Research	-	IJSDR193710
10	Ms.K.Kavya	Multiple Image Signature Scheme Based on DWT-SVD in YCBCR Color Space	OCT 2017	Coimbatore Institute of Information Technology International Journal	-	CIIT

		Area and Power Optimized VLSI Architecture of Approximate Multiplier	JUNE 2024	International Journal of Scientific Research in Engineering and Management	-	IJSREM
11	Ms.R.Geethika	Area and Power Optimized VLSI Architecture of Approximate Multiplier	JUNE 2024	International Journal of Scientific Research in Engineering and Management	-	IJSREM
12	Mrs.V.Surya kala	Design of Efficient High Throughput Adder using Modified Carry Select Methodology	May 2018	International Journal of Engineering in Advanced Research Science and Technology(IJEARST) ISSN 2278-2566	-	IJEARST
		Energy Efficient of Joint Spectrum in Device to Device Communication Enabled Wireless Networks	May 2020	Alochana Chakra Journal(UGC CARE GROUP-1 JOURNAL)	-	UGC
		Implementation of Area Optimized Fm0 Encoding Architecture Using SOLS Technique	May 2020	Alochana Chakra Journal(UGC CARE GROUP-1 JOURNAL)	-	UGC
15	Mr.U.Pradeep Kumar	Analysis of 8T SRAM with read and write scheme in 45nm CMOS technology	Dec 2014	International journal of Scientific Engineering and technology research	-	iIJSETR

DEPARTMENT OF MECHANICAL ENGINEERING

Names (s) of the Authors	Title of the Paper	Name of the Journal/ Conference	Volume No, Issue No, Year	Indexed in SCI/Scopus/UGC
Dr.B.V.RAMANA MURTY	Aerodynamic Analysis of Fairings for Bicycles	International Journal of innovative Research in technology	Volume 8 issue 4 September 2021	ELSEVIER
Dr.B.V.RAMANA MURTY	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
Dr.B.V.RAMANA MURTY	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

Dr.B.V.RAMANA MURTY	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
J. Kalpana	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
J. Kalpana	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
J. Kalpana	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
J. Kalpana	A review on techniques for improving mechanical properties of fusion welded joints: A Review	<i>Engineering Solid Mechanics</i>	Vol. 5, Issue 4, pp. 213-224,2017	SCOPUS
J. Kalpana	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

J. Kalpana	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
M. Srinivasarao	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
M. Srinivasarao	Synthesis, stability, and emission analysis of magnetite nanoparticle-based biofuels	Journal of Engineering and Applied Science	69(1):79, 2022	SCOPUS
M.Srinivasa Rao	Analysis on CI Engine with Thermal Barrier Coating and Biodiesel Blends	Recent Advances in Material Science	pp. 711-721 , 2019	lecture notes
M.Srinivasa Rao	Effects of Nanoparticles	International	Volume 9 Issue 6, pp.	UGC

	Additives on Performance and Emissions Characteristics of a DI Diesel Engine Fuelled with Biodiesel	Journal of Advances in Engineering & Technology	689-695 , 2016	
M.Srinivasa Rao	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
M.Srinivasa Rao	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
M.Mouli Kumar	SYNTHESIS & CHARACTERIZATION OF EGGSHELL REINFORCED POLYMER COMPOSITES	International Research Journal of Engineering and Technology	Volume 11 Issue 04, Apr 2024 .	UGC
M.Mouli Kumar	Design and fabrication of	International	volume 5,issue	UGC

	solar wind mill	journal for multi disciplinary research	2(March-April 2023)	
M.Mouli Kumar	Self Charging through Regenerative Braking System	International journal for multi disciplinary research	volume 5,issue 2(March-April 2023)	UGC
M.Mouli Kumar	Robotic Detector with Rocker Bogie Mechanism	International journal for multi disciplinary research	volume 5,issue 2(March-April 2023)	UGC
M.Mouli Kumar	Design and fabrication of 3-axis CNC Machine	international Journal of research publication and reviews	volume 3,issue 5,2022	UGC
R S KIRAN	Competency based training and development for the Engineering Students	IJERA	VOL-1,Iss-2,pp 246-250 (2011)-	UGC
R S KIRAN	Design and the Analysis of the Multi-Functional Helmet for the Industries	IJERA	Vol-1,Iss-4,pp 1774-1784(2011)	UGC
R S KIRAN	Teaching the Technical People through the Travel and Tourism	IJERA	Vol-2 ,Iss-2,pp 133-142 (2012)	UGC
R S KIRAN	Redesigning of a Service Center with the free and open source softwares	IJERA	Vol-3 ,Iss-5,pp 166-170(2013)	UGC

	providing R ⁴			
R S KIRAN	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
R S KIRAN	Methodology of conducting an Action Research in a digitized manner	IJRME	Vol-1,Iss-1,pp 44-55 (2013)-	UGC
R S KIRAN	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
R S KIRAN	What are the ways to develop the Rural-Techno-Entrepreneur(S)	IJRMS	Vol-1,Iss-1,pp 79-82 (2013)-	UGC
R S KIRAN	A research methodology for the CRM – A new research approach	IJERA	Vol-3,Iss-5,pp 176-187 (2013)-	UGC
R S KIRAN	Study and Redesign of maintenance service operations of Four-Wheelers (CARS)	GJAES	Vol-3,Iss-4,pp 172-180 (2013)	UGC

R S KIRAN	Alternative approach of research for Fluid Mechanics using the Multi-Disciplinary tools	IJERA	Vol-3,Iss-6 ,pp 1956-1964 (2013)-	UGC
R S KIRAN	A novice approach to solve the engineering / technology problems with the most updated tools	IJOER	Vol-2,Iss-4 (2014)-	UGC
R S KIRAN	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
R S KIRAN	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
R S KIRAN	A Review on the online tools for the effective management of the engineering projects	JSAER	Vol-1,Iss-2 (2014)-	UGC
R S KIRAN	An Online review for the Business Sustenance with the Utmost clean and green energy tools	GJAR	Vol-2 ,Iss-2 (2015)	UGC
R S KIRAN	Online survey tools for the	GJAR	Vol-2 ,Iss-2 (2015)-	UGC

	Descriptive Studies		SINGLE AUTHOR	
R S KIRAN	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
R S KIRAN	A literature survey on the TCP-Test Case Prioritization using the RT-Regression Techniques	GJRE	Vol-15 , Iss-5 (2015)	UGC
R S KIRAN	A Case-Study on the on-line survey and the on-line tools for the policy , theory and practice implications	IJSDR	Vol-2 ,Iss-2 (2015)	UGC
R S KIRAN	E-Research procedure for the engineering design optimization approach	IJEAST	Vol-1 ,Iss-2 (2016)	UGC
R S KIRAN	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
R S KIRAN	A research methodology connecting the meta-analysis	AJMECS	Vol-1,Iss-2 (2016)	UGC

	and the on-line tools			
R S KIRAN	A Research Oriented Methodological Approach for the Motor Vehicle Service Centers with Customer Relationship Managementthe online surveys for the end results	IJITM	Vol -2,Iss-1(2016)V	UGC
R S KIRAN	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
R S KIRAN	Procedure to verify whether a Hyposthesis is a Null Hypothesis or an Alternate Hypothesis for the Business Intelligence	IJETAE		UGC
R S KIRAN	Design, Analysis and Fabrication of the Biomedica plant using Al-Zn-Mg / Cu powder reinforced composite alloys	Materials Today Proceeding		Elsevier
R S KIRAN	Fabrication, Characterization and Finite Element Analysis of Disc Brake using aluminium alloy using A356 metal matrix composite	Materials Today Proceeding		Elsevier

R S KIRAN	Improve Quay Crane Reliability through Lean-Kaizen	IJMTST	Vol.: 7, Issue.: 10(2021)-	UGC & MSME
R S KIRAN	Design of CNC Machining	IJRPR	Vol.: 2, Issue.: 8(2021)	UGC
R S KIRAN	Design of wind turbine blade or self-renewable electric vehicle	IJMTST	Vol.: 7, Issue.: 10(2021)	UGC
R S KIRAN	IOT based 360deg drilling machine using NODEMCU	IJRPR	Vol.: 2, Issue.: 8(2021)	UGC
R S KIRAN	Design and Fabrication of Solenoid Radial Engine	IJRPR	Vol.: 3, Issue.: 5(2022)	UGC
R S KIRAN	Design and Fabrication of an Electric Vehicle	IJRPR	Vol.: 3, Issue.: 4 (2022)	UGC
R S KIRAN	Enhancing the productivity for the National GDP (A case study of the Iron & Steel Industry)	IJTE	Vol: XV, ISS-I(2023)	UGC & MSME
R S KIRAN	A Novice Approach for the Beginners of the	IRJHTI	Vol. 2 No. 03	OFFICIAL JOURNAL ON the

	Professional Medical Researchers: An Introduction		(2023)	subject of MEDICAL SCIENCES
R S KIRAN	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
P.RAJESWARI	Transient heat transfer analysis of heat exchangers in a marnoch heat engine	JES	Vol 13, Issue 02, Feb/2022	UGC
P.RAJESWARI	Design and fabrication of multifaceted automation system for bucket excavator manufacturing	IJSREM	Volume: 08 Issue: 04 April – 2024	UGC
M.SANTOSHI PAVANI	Fabrication of fire fighting robot	IJSREM	Volume: 08 Issue: 04 April – 2024	UGC
M.SANTOSHI PAVANI	Strength Evaluation Of Aluminium Alloy And Its Application O Ship Propellar	IJMER	Volume 6,Issue7(2),July,2017.	UGC
CH.BHANUSRI	Thermal Propertiesof Pine	IJMETMR	Volume No: 4(2017),	UGC

	Apple Leaf Fiber Reinforced Epoxy Composites by using Experimental and ANSYS Analysis		IssueNo: 5 (may)	
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	IJRPR	Volume 3, Issue 5,	UGC

	systems in order to improve roductivity		2022	
M.Padmanabham	Nonlinear Finite Element Buckling Analysis of Arm stand of dynamic compaction machinery	IJRASET	Volume 7 Issue IX, Sep 2019	UGC
M.Padmanabham	Desing 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
P.AKNADH	Thermal and mechanical design of heat exchanger	IJSREM	Volume: 08 Issue: 04 April – 2024	UGC
P.AKNADH	Fabrication of fire fighting robot	IJSREM	Volume: 08 Issue: 04 April – 2024	UGC
P.AKNADH	Analysis of Automobile disc rotor	IJSREM	Volume: 08 Issue: 04 April – 2024	UGC
P.AKNADH	Fabrication and analysis of intelligent braking system	IJSREM	Volume: 08 Issue: 04 April – 2024	UGC
K.V.LAVANYA	Thermal and mechanical design of heat exchanger	IJSREM	Volume: 08 Issue: 04 April – 2024	UGC

DEPARTMENT OF CIVIL ENGINEERING

Names (s) of the Authors	Title of the Paper	Name of the Journal/ Conference	Volume No, Issue No, Year	Indexed in SCI/Scopus/U GC
Madhuri Mulpuru, Peddada Jagadeeswara Rao, and T.Sridevi.	A case study on soil erosion and risk assessment in Thandava reservoir catchment, Visakhapatnam, Dist, Andhra Pradesh – A Geo Spatial Approach.	ICRSDM-2017, Chapter- 70	ISBN 978-3-319-77275-2.	Springer
Madhuri Mulpuru, AdityaAllamraju, B. Sridhar,	Land Use/Cover change detection analysis for Thandava Reservoir Catchment of Visakhapatnam using Geo-Spatial technologies,	International Journal of Innovative Studies in Sociology and Humanities (IJISSH)	Volume 4, Issue 4 Pages:86-96, April, 2019	UGC
MadhuriMulpuru, B. Sridhar, Neela. Victor Babu, Aditya Allamraju,	Geo-Spatial approach to Geomorphology mapping for Thandava Reservoir Catchment of	International Journal of Management, Technology And Engineering	Volume 8, Issue XII, Pages:2402-2409, December, 2018	UGC

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MadhuriMulpuru, Neela Victor Babu, B. Sridhar, AdityaAllamraju,	Geological mapping for Thandava Reservoir Catchment of Visakhapatnam, Andhra Pradesh using Geo-Spatial technologies. International	International Journal of Management, Technology And Engineering,	Volume 8, Issue XII, Pages:2402-2409, December, 2018,	UGC
M.Madhuri, B.Sridhar, Ajay Gangumolu and E.Srinivas,	Extraction of vegetation from Satellite image using NDVI and change detection of Vegetation a MATLAB Approach.	International Journal of Management, Technology And Engineering,	Volume 7, Issue 3,, March 2018	UGC
Nagaraju Thummala, M.Madhuri, E.Srinivas, A.Narasimha Rao and V.E.Nethaji Mariappan.	GIS Technology for assessment of urban green cover area of Madurai Corporation in Tamilnadu.	ICRSDM-2017, Chapter- 3	ISBN 978-3-319-77275-2.	Springer
T. Sridevi, P. Jagadeeswara Rao, B.Suribabu, P.Madhuchandra, Sridhar.B, and M.Madhuri.	“ A Geospatial Study on emergency response management system to combat fire accidents-A case	ICRSDM-2017 Geomechanics and Geoengineering	978-3-319-77275-2,	Springer

	study of Chennai, Tamil Nadu.	g		
B. Sridhar, P. Jagadeeswara Rao, G N Rao, Rajesh Duvvuru, Sanyasi Naidu, Suribabu B, T.Sridevi and M. Madhuri.	“A GIS based case study on identification of landslide vulnerable zones along the Bheemili Road, Visakhapatnam District, Andhra Pradesh.”	ICRSDM-2017	978-3-319-77276-9	Springer
Dr. M.Madhuri. B.Sridhar.	Geomorphological mapping using remote sensing and GIS, A tool for land use planning in and around Visakhapatnam.	.MRITICIST CE-2018.	Volume-2 ISBN NO:978 93 83038 60 2.	EBook.
B.Sridhar, M.Madhuri.	Spatial distribution of ground water quality parameters in Nandigam Mandal region – A GIS approach.	MRITICISTC E-2018	Volume-2, ISBN NO:978 93 83038 60 2.	EBook.
M.Ravi Teja, M.Madhuri	Parking Management of Central Zone in Hyderabad City.	International Journal of Scientific Review and	Vol.2(6), Nov.- Dec.,2017. ISSN:2455-	(IJSRRET)

		Research in Engineering and Technology (IJSRRET).	3503	
Shaik Naushad Pasha, Dr.M.Madhuri.	Investigation of modified Bitumen using Glass fibre in Bituminous Concrete.	International Journal of Advance Research and Innovative Ideas in Education.	Vol-3, Issue-6 2017. Paper Id:6957, ISSN(0):2395-4396.	IJARAIIE
S.Sugandini, M.Madhuri.	Stabilization of soil using Geosynthetics.	International Journal of Advance Research and Innovative Ideas in Education.	Vol-3, Issue-6 2017. Paper Id:7098, ISSN (0):2395-4396.	E-Journal,
T.Pavan Kumar, M.Madhuri.	Traffic delay of West Zone in Hyderabad.	International Journal of Scientific Review and Research in Engineering and Technology	Vol.2(6), Nov.-Dec.,2017. ISSN:2455-3503.	(IJSRRET)
K. Srilekha, K. M. Jayakumari, Dr. M. Madhuri, Dr. N. C. Anil	Experimental Studies of Mechanical	International Journal of	Vol 4, no 12, pp 1575-1578	IJRPR

	Properties of modified previous concrete as a rigid pavement for low volume of Traffic.	Research Publication and Reviews (IJRPR)	December 2023.	
Polamarsetty Vijay Babu, B. Prudvi Rani, Dr. M. Madhuri, Dr. N. C. Anil	Dynamic Analysis of RC Multi-Storied Building for Various Irregular Conditions.	International Journal of Research Publication and Reviews,	Vol 4, no 12, pp 964-968 December 2023	(IJRPR)
Shaik Waheedh, Dr M. Madhuri	EFFECT ON PROPERTIES OF CONCRETE BY PARTIAL REPLACEMENT OF CEMENT WITH METAKAOLIN AND SUPERPLASTICIZER.	International Journal of Scientific Research in Engineering and Management	Volume: 07 Issue: 12 December – 2023,	(IJSREM)
Allimalla Yagnesh Babu, Dr.N.C. Anil, Dr.M. Madhuri.	EXPERIMENTAL INVESTIGATION ON PROPERTIES OF GEOPOLYMER CONCRETE WITH RECYCLED CARBON FIBRE AND RECYCLED	International Journal of Scientific Research in Engineering and Management	Volume: 07 Issue: 12 December - 2023	(IJSREM)

	AGGREGATE			
POLISETTI SIDDHARDHA, Dr.G. TABITHA, Dr.M. MADHURI.	STUDY ON EFFECT OF BAMBOO CHARCOAL ASH AS PARTIAL REPLACEMENT FOR CEMENT ON PROPERTIES OF SELF COMPACTED CONCRETE.	International Journal of Scientific Research in Engineering and Management	Volume: 07 Issue: 12 December - 2023	(IJSREM)
Rabeesh Kumar P K, Dr. M. Madhuri	Analysis and Design of Flexible Pavement and Cost Comparison with CementTreated Base and Subbase Materi	International Journal of Scientific Research in Engineering and Management	Volume: 08 Issue: 05 May - 2024	(IJSREM)
Bonangi Prasanth , Dr. M .Madhuri , Sridhari Putrevu	Influence of Coarse Aggregates Shape on Bituminous Mixtures	International Journal for Modern Trends in Science and Technology	Volume 10, Issue 08, pages 12-22. ISSN: 2455-3778	IJMTST
DR. M. MADHURI, K. SREELEKHA, S. SAKITHA, R. CHANDRA MOULI, P. MANIKANTA, M.S.L.V. PRASA	SEISMIC ANALYSIS ON FLOATING COLUMN FOR	IJARIE	Vol-10 Issue-4 2024	IJARIE

	MULTI STOREY BUILDING (G+5) USING STAAD PRO SOFTWARE			
Dr. Mulpuru Madhuri ¹ , Mr.Narise Murali krishna ² , Mr.Makena Lohith Venkat Ramana ³ , Mr.Dandi Nandeewara Rao ⁴ , Mr.Appalabathula Rohill ⁵	USE OF PLASTIC WASTE IN FLEXIBLE PAVEMENTS	International Journal of Scientific Research in Engineering and Management	Volume: 08 Issue: 05 May - 2024	IJSREM
Mr.K.Dileep Chowdary	Study of Materials for Road Construction	Id-7943	ISBN- 978-620-2- 30867-0	EBook.
Mallikaharjuna Rao Mothika,K.M.Jayakumari	Application Of Geo-Natural Fibers And Subgrade Construction	International Journal of Scientific Research in Engineering and Management	Volume: 07 Issue: 12 December - 2023	UGC
Ms.K.M.Jayakumari, Mr.Mohammed Fardeen , Ms.Piripilli Praveena , Ms.Inapala Divya , Ms.Gudla Jashnavi	Experimental Study on Compressive Strength of the Cement Mortar Cubes with Partial	International Journal of Scientific Research in Engineering	Volume: 08 Issue: 04 April - 2024	UGC

	Replacement of Fine Aggregate Using Polyvinyl Chloride (PVC) Plastic	and Management		
Dadi Tarakeswara Rao , K. M. JayaKumari , B. Prudhvi Rani	A Case Study on Road Safety Audit from Vizag to Araku Road	International Journal of Research Publication and Reviews	Vol 3, no 11, pp 2515-2530 November 2022	UGC
Gude Jayalakshmi , K.M. Jayakumari , B. Prudhvi Rani	Traffic Flow Analysis and Highway Capacity of NH-16 from Gajuwaka to Hanumanthawaka	International Journal of Research Publication and Reviews	Vol 3, no 11, pp 2707-2713 November 2022	UGC
B. Dharma Teja, K. Sree Harsha, N. Siva, Y. Sagar, K.M. Jayakumari	Integrated Planning, Estimation Of Quantity, And Costing For An Office Building By Using Revit Architecture Software	International Journal of Scientific Research in Engineering and Management	Volume: 08 Issue: 04 April - 2024	UGC
K. Srilekha, K. M. Jayakumari, Dr. M. Madhuri, Dr. N. C. Anil	Experimental Studies on Mechanical Properties of Modified Previous Concrete as a Rigid Pavement for Low Volume of Traffic	International Journal of Research Publication and Reviews	Vol 4, no 12, pp 1575-1578 December 2023	UGC
MALLA M.J. SAITEJA , Ms. K. M. JAYAKUMARI	USE OF STEEL	International	Volume: 07	UGC

	FIBER AND COPPER SLAG IN CONCRETE PAVEMENT	Journal of Scientific Research in Engineering and Management	Issue: 12 December - 2023	
C.N.V. Satyanarayana Reddy, G. Tabitha and R. Stephen Babu	Potential Use of Waste Tyre Chips in Highway Embankment Construction, Proceedings of Indian Geotechnical Conference 2014, Kakinada, December 18-20,	IGC	2014	UGC
C.N.V. Satyanarayana Reddy, G. Tabitha, S. Srikanth Reddy and K. Chandranna	Effect of Addition of Scrap Tire Chips in Stabilisation of Clayey Sand.	<i>Ground Improvement and Reinforced Soil Structures</i>	ISBN 978-981-16-1830-7. 2020	Springer Nature
C.N.V. Satyanarayana Reddy and G. Tabitha	Stabilisation of low compressible clay with scrap tire chips, No.1, pp. 45-52.	<i>Indian Journal of Ground Improvement and Geosynthetics,</i>	Vol. 11, 2021	UGC

C.N.V. Satyanarayana Reddy and G. Tabitha	Study on stabilizing effect of Scrap Tire Chips on clay of Intermediate Compressibility for Highway.	<i>Indian Highways Journal.</i>	2021	UGC
P.SIDDHARDHA and Dr.G.TABITHA	Study on effect of bamboo charcoal ash as partial replacement for cement on properties of self compacted concrete	ijsrem	10.55041/275 90 vol.07;dec 2023	UGC
Dr.G.TABITHA,J,AJAYKUMAR,B.MANOJ,C.A.K.PRASAD, S.ASWINI	EXPERIMENTAL ANALYSIS OF CLAY BRICKS WITH PARTIAL REPLACEMENT OF CLAY WITH STONE DUST POWDER.	IJARIE	Vol-10;issue-3 2024	E-BOOK
Vegesana Dhatri, B.Prudvi Rani	Mechanical Properties of pervious concrete with partial replacement of	IJMTST	Vol no:10, Issue no: 01, Year January	UGC

	cementitious materials and addition with fibers			
Vegesana Chandrika Devi, B.Prudvi Rani	Mechanical Properties of concrete with replacement of steel slag as coarse aggregate	IJMTST	Vol no:10, Issue no: 01, Year January	UGC
Polamarsetty Vijay Babu, B.Prudvi Rani, Dr.M.Madhuri, Dr.N.C. Anil	Dynamic Analysis of RC Multi storied building for Various Irregular conditions	IJRPR	Vol no:4, Issue no: 12, Year December	UGC
Lanka Venkatesh, M.Jagadeesh, B.Prudvi Rani	Secondary Effect on High rise building with braced core, outrigger and belt truss structural system	IJRPR	Vol no:3, Issue no: 11, Year November	UGC
Mattaparathi Sunitha, M Gowri, B.Prudvi Rani	Study on mechanical properties of the modified Pervious Concrete	IJRPR	Vol no:3 , no:11, IJRPR, ISSN 2582-7421	UGC
Rangoori Umamaheswar rao, M.Gowri, B.Prudvi Rani	An experimental study of effects of binder quality and	IJRPR	Vol no:3, Issue no: 11, Year	UGC

	pine apple fiber on stone matrix ASPHAT Mixtures		November	
Gude Jayalakshmi, K.M.Jaya Kumari, B.Prudvi Rani	Traffic flow analysis and highway capacity of NH-16 from Gajuwaka to Hanumanthawaka	IJRPR	Vol no:3, Issue no: 11, Year November	UGC
T.Bharat Bhushan Gupta, Y Dhana lakshmi, B.Prudvi Rani	Structural Analysis and design of pre-Engineered buildings for different geometrics and bracings	IJRPR	Vol no:, Issue no: 11, Year November	UGC
Mattaparathi Sunitha, M Gowri, B.Prudvi Rani	Studies On Mechanical Properties of the Modified Pervious	IJRPR	Vol no:3 , no:11, IJRPR, ISSN 2582-7421	UGC
Rangoori Umamaheswar rao, M.Gowri, B.Prudvi Rani	An Experimental Study of effects of binder Quality and pine apple fiber on stone Matrix ASPHAT Mixtures	IJRPR	Vol no:3, Issue no: 11, Year November	UGC
Peela Mahalakshmi naidu, Mrs. Gowri	Studies on alternative materials for the	IJSREM	Vol 07: issue :12,	UGC

	improvement of subgrade and sub base		December-2023	
V.Hemanth Kumar, M.Gowri	Utilization of recycled carbon black ash in rigid pavements	IRJET	Vol 11: Issue 7, July 2024	UGC
N.venkatesh, B.Raghu ram	comparision of seismic analysis on G+10 building with conventional slab and grid slab.	IJSREM	vol no 07 Issue no: 12, December,2023	UGC
P.Hari Krishna, B.Raghu ram	Design of flexible pavement using IITPAVE as per IRC-37 2018 And minimize the pavement thickness by using geogrid.	IJSREM	Vol no:8, Issue no: 05, Year Novembe	UGC
jagadish, vara Prasad, B.Raghu ram	ANALYSIS OF SHEAR WALL& DIAGRID IN G+14 BUILDING UNDER SEISMIC LOADS	IJARILE	Vol no:10, Issue no: 3, Year 2024	UGC

Hrushikesh,umesh naidu, sai Krishna,B.Raghu ram	Experimental study on mechanical properties of modified pervious concrete as a rigid pavement for low volume traffic	IJSREM	Vol no 08:, Issue no: 05, Year MAY	UGC
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DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

M NAGA KEERTHI	PYTHON STOCK BASED ANALYSIS	JETIR	VOL-10, ISSUE-6, 2023, ISSN-2349-5162	UGC
M NAGA KEERTHI	DETECTION OF EMAIL SPAM USING MACHINE LEARNING ALGORITHMS	JETIR	VOL-10, ISSUE-6, 2023, ISSN-2349-5162	UGC
M NAGA KEERTHI	CRYPTOGRAPHIC TECHNIQUES FOR ROBUST DATA PROTECTION	JETIR	VOL-10, ISSUE-6, 2023, ISSN-2349-5162	UGC
M NAGA KEERTHI	ULTRA SOUND NERVE SEGMENTATION USING U-NET ARCHITECTURE	JETIR	VOL-10, ISSUE-6, 2023, ISSN-2349-5162	UGC
M NAGA KEERTHI	VIRTUAL ASSISTANT WITH AI USING PYTHON EXTENSION FILE	JETIR	VOL-10, ISSUE-5, 2023, ISSN-2349-5162	UGC
M NAGA KEERTHI	LICENSE PLATE RECOGNITION AND DETECTION BY MACHINE LEARNING	JETIR	VOL-10, ISSUE-4, 2023, ISSN-2349-5162	UGC

M NAGA KEERTHI	TEXT TO VOICE CONVERSION FOR VISUALLY IMPAIRED	JETIR	VOL-10, ISSUE-7, 2023, ISSN-2349-5162	UGC
M NAGA KEERTHI	FACE MASK DETECTION USING IOT	JETIR	VOL-10, ISSUE-7, 2023, ISSN-2349-5162	UGC
M NAGA KEERTHI	CURRENCY RECOGNITION AND VERIFICATION USING MACHINE LEARNING	JETIR	VOL-10. ISSUE-6, 2023, ISSN-2349-5162	UGC
M NAGA KEERTHI	HEALTH CARE MANAGEMENT SYSTEM	JETIR	VOL-10, ISSUE-6, 2023, ISSN-2349-5162	UGC
M NAGA KEERTHI	NEXT-GEN EDUCATIONAL ASSESSMENT: AUTOMATED OMR CORRECTION AND GRADINGS ANALYSIS	JETIR	VOL-11, ISSUE-7, 2024, ISSN-2349-5162	UGC
M NAGA KEERTHI	ONLINE PAYMENT FRAUD DETECTION USING MACHINE LEARNING	IJCRT	VOL-12, ISSUE-8, 2024, ISSN-2320-2882	UGC
M NAGA KEERTHI	WEATHER FORECASTING USING MACHINE LEARNING	IJCRT	VOL-12, ISSUE-7, 2024, ISSN-2320-2882	UGC
M NAGA KEERTHI	DEAF AND DUMB PEOPLE SIGN LANGUAGE CONVERTER	IJCRT	VOL-12, ISSUE-7, 2024, ISSN-2320-2882	UGC
M NAGA KEERTHI	COMPUTER-VISION-PROJECT-DRIVER-DROWSINESS-DETECTION	JETIR	VOL-11, ISSUE-7, 2024, ISSN-2349-5162	UGC
M NAGA KEERTHI	CROP RECOMMENDATION AND FERTILIZER SUGGESTION USING	JETIR	VOL-11, ISSUE-7, 2024, ISSN-2349-5162	UGC

	MACHINE LEARNING			
M NAGA KEERTHI	POSE-BASED COMPUTER VISION CONTROLS FOR GENERIC GAME INTERACTION	IJCRT	VOL-12, ISSUE-7, 2024, ISSN-2320-2882	UGC
M NAGA KEERTHI	CALORIE ESTIMATION OF FOOD USING DEEP LEARNING	JETIR	VOL-11, ISSUE-7, 2024, ISSN-2349-5162	UGC
P DEVI PRASANNA	INTELLIGENT ANDROID APPLICATION FOR ORGANIC PRODUCT RANKING SYSTEM IN E-COMMERCE	IJCRT	VOL-12, ISSUE-7, 2024, ISSN-2320-2882	UGC
P DEVI PRASANNA	TRAFFIC SIGN RECOGNITION USING CONVOLUTIONAL NEURAL NETWORK	IJCRT	VOL-12, ISSUE-7, 2024, ISSN-2320-2882	UGC
P DEVI PRASANNA	FRAUD DETECTION IN BANKING DATA BY MACHINE LEARNING TECHNIQUES	JETIR	VOL-11, ISSUE-7, 2024, ISSN-2349-5162	UGC
P DEVI PRASANNA	WEAPON DETECTION USING ARTIFICIAL INTELLIGENCE AND DEEP LEARNING FOR SECURITY APPLICATIONS	JETIR	VOL -11, ISSUE- 8, 2024, ISSN-2349-5162	UGC
P DEVI PRASANNA	HILL CIPHER AND AFFINE CIPHER SYMMETRIC KEY METHOD	JETIR	VOL-12, ISSUE-7, 2024, ISSN-2349-5162	UGC
P DEVI PRASANNA	VIRTUAL TRIAL ROOM FOR ONLINE SHOPPING	JETIR	VOL-11, ISSUE-7, 2024, ISSN-2349-5162	UGC

P DEVI PRASANNA	EVALUATION OF MACHINE LEARNING ALGORITHMS FOR THE DETECTION OF FAKE BANK CURRENCY	JETIR	VOL-11, ISSUE-7, 2024, ISSN-2349-5162	UGC
P DEVI PRASANNA	EXPLORING THE POTENTIAL OF BLOCKCHAIN FOR CERTIFICATE VALIDATION	IJCRT	VOL-12, ISSUE-7, 2024, ISSN-2320-2882	UGC
P DEVI PRASANNA	CRIME ANALYSIS AND PREDICTION VIA K-MEANS ALGORITHM/CLUSTERING	JETIR	VOL-11, ISSUE-8, 2024, ISSN-2349-5162	UGC
P DEVI PRASANNA	ORGANIC SUPPLY CHAIN MANAGEMENT SHOPPING	JETIR	VOL-11, ISSUE-8, 2024, ISSN-2349-5162	UGC
G MANOJ KUMAR	BANKING SYSTEM USING SECURED FINGERPRINTS	IJCRT	VOL-12, ISSUE-8, 2024, ISSN-2320-2882	UGC
G MANOJ KUMAR	AI DRIVEN SOLUTIONS FOR PRECISION CROP DISEASE MANAGEMENT	IJCRT	VOL-12, ISSUE-7, 2024, ISSN-2320-2882	UGC
G MANOJ KUMAR	DIABETES PREDICTION USING MACHINE LEARNING ALGORITHMS	IJCRT	VOL-12, ISSUE-8, 2024, ISSN-2320-2882	UGC
G MANOJ KUMAR	MULTI MODE ENCRYPTION FOR FILES AND MESSAGES	IJCRT	VOL-12, ISSUE-8, 2024, ISSN-2320-2882	UGC
G MANOJ KUMAR	SMART DETECTION OF RESPIRATORY DISEASES WITH DENSENET201 AND MOBILENETV4	IJCRT	VOL-11, ISSUE-8, 2024, ISSN-2349-5162	UGC

M TARANI	PREDICTION OF CYBERBULLYING ON SOCIAL MEDIA IN THE BIG DATA ERA USING MACHINE LEARNING ALGORITHMS	IJCRT	VOL-12, ISSUE-8, 2024, ISSN-2320-2882	UGC
M TARANI	A STUDY ON USING DEEP LEARNING TO PREDICT PLANT GROWTH AND YIELD IN GREENHOUSE ENVIRONMENT	IJCRT	VOL-12, ISSUE-7, 2024, ISSN-2320-2882	UGC
M TARANI	PRIVACY PROTECTION AND INTRUSION AVOIDANCE FOR CLOUDLET BASED MEDICAL DATA SHARING	IJCRT	VOL-12, ISSUE-8, 2024, ISSN-2320-2882	UGC
M TARANI	BRAIN TUMOR DETECTION BY USING DEEP LEARNING	JETIR	VOL-11, ISSUE-7, 2024, ISSN-2349-5162	UGC
M TARANI	AUTOMATED MULTIPLE CHOICE QUESTIONS GENERATION	JETIR	VOL-11, ISSUE-8, 2024, ISSN-2349-5162	UGC
M TARANI	SOLAR POWER GENERATION PREDECTION USING MACHINE LEARNING	IJCRT	VOL-12, ISSUE-7, 2024, ISSN-2320-2882	UGC
P T S PRIYA	"A DRIVING DECISION STRATEGY (DDS)FOR AN AUTONOMOUS VEHICLE BASED ON MACHINE LEARNING"	JETIR	VOL-10, ISSUE-6, 2023, ISSN-2349-5162	UGC
P T S PRIYA	CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING ALGORITHMS	IJCRT	VOL-11, ISSUE-5, 2023, ISSN-2320-2882	UGC

P T S PRIYA	REDUCING NUMBER OF ACCIDENTS IN INDIA USING RECOGNITION OF TRAFFIC SIGNBOARD AND DRIVER ALERT SYSTEM	IJCRT	VOL-11, ISSUE-5, 2023, ISSN-2320-2882	UGC
P T S PRIYA	DETECTION OF RECOLORED IMAGE USING A DEEP DISCRIMINATIVE MODEL	JETIR	VOL-10, ISSUE-5, 2023, ISSN-2349-5162	UGC
P T S PRIYA	ASSEMBLING A MODEL FOR MARKET ANALYSIS AND SALES PREDICTION	JETIR	VOL-10, ISSUE-5, 2023, ISSN-2349-5162	UGC
P T S PRIYA	DETECTION OF PLANT LEAF DISEASE USING MACHINE LEARNING	JETIR	VOL-10, ISSUE-5, 2023, ISSN-2349-5162	UGC
P T S PRIYA	UNSUPERVISED MACHINE LEARNING FOR MANAGING SAFETY ACCIDENTS IN RAILWAY STATIONS	JETIR	VOL-10, ISSUE-8, 2024, ISSN-2349-5162	UGC
P T S PRIYA	TEXT ENCRYPTION AND DECRYPTION USING ALGEBRAIC MATRIX APPROACH	IJCRT	VOL-12, ISSUE-8, 2024, ISSN-2320-2882	UGC
P T S PRIYA	HOUSE PRICE PREDICTION	JETIR	VOL-11, ISSUE-7, 2024, ISSN-2349-5162	UGC
P T S PRIYA	AGE AND GENDER DETECTION	JETIR	VOL-10, ISSUE-5, 2023, ISSN-2349-5162	UGC

P T S PRIYA	REAL TIME OBJECT TRACKING FOR VEHICLE COUNTING AND SPEED ESTIMATION SYSTEM USING WITH MACHINE LEARNING IN PYTHON	JETIR	VOL-11, ISSUE-7, 2024, ISSN-2349-5162	UGC
P T S PRIYA	MACHINE LEARNING MODEL FOR SALES FORECASTING BY USING XGBOOST	JETIR	VOL-11, ISSUE-7, 2024, ISSN-2349-5162	UGC

JOURNALS & WORKSHOPS REVIEWED

Name of the Reviewer	Role	Title of the Conference/Journal	Place	Year
Dr Regidi Suneetha	Reviewer	International Conference on Electrical, Computer and Energy Technologies	Sydney, Australia	25 th -27 th July, 2024
Dr Regidi Suneetha	Technical Program Committee Member and Reviewer	International Conference on Computer Vision and Robotics	Symbiosis Skills & Professional University	25 th -26 th May, 2024
Dr Regidi Suneetha	Technical Program Committee Member and Reviewer	International Conference on Paradigms of Communication, Computing and Data Analytics	Sri dev Suman Uttarakhand University	20 th -21 st April, 2024
Dr Regidi Suneetha	Technical Program Committee Member and Reviewer	International Conference on Computing and Machine Learning	Sikkim, Manipal University	29 th -30 th March, 2024.
Dr Regidi Suneetha	Technical Program Committee Member and Reviewer	International Conference on Power Engineering and Intelligent Systems	National Institute of Technology, Uttarakhand	16-17, March, 2024

Dr Regidi Suneetha	Program Committee Member and Reviewer	Congress on Control, Robotics and Mechtronics	SR University, Warangal	03-04, Feb, 2024
Dr Regidi Suneetha	Program Committee Member and Reviewer	International Conference on Communication and Intelligence Systems	MANIT, Bhopal	16-17, Dec, 2023
Dr Regidi Suneetha	Program Committee Member and Reviewer	Congress on Smart Computing Technologies	National Institute of Technology, Sikkim	02-03, Dec, 2023.
Dr Regidi Suneetha	Program Committee Member and Reviewer	International Conference on Intelligent Vision and Computing	National Institute of Technology, Agartala	25-26, Nov, 2023
Dr Regidi Suneetha	Program Committee Member and Reviewer	International Conference on Power Engineering and Intelligent Systems	National Institute of Technology, Delhi	24-25, June, 2023
Dr Regidi Suneetha	Reviewer	Journal of Materials Science Research and Reviews	NA	NA
Dr Regidi Suneetha	Program Committee Member and Reviewer	World Conference on Applied Intelligence and Computing	Gwalior, Madhya Pradesh	17-19 June 2022