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MALLA REDDY ENGINEERING COLLEGE

Department Wise Faculty Research Contributions

Department : Information Technology

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	talari swapna	Classifying Twitter user using support vector machine and categorizing students group with k-means clustering using silhouette coefficient	Accepted	0	2020	Aug	

	Classifying Twitter user using support vector machine and categorizing students group with k-means clustering using silhouette coefficient	0	0	2020	Aug	
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Department : Electrical and Electronics Engineering

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	Dr.N.Rajeswaran	Modern Approach For Diagnosing and Detecting Faults on Overhead Transmission Lines using Artificial Neural Networks	Published	Scopus	2020	Aug	www.tjprc.org › journals › journal-of-mechanical-engi...
		Simulation Model of Condition Monitoring and Faults Detection in high voltage transmission lines	Accepted	WoS	2020	Sep	www.indjst.org

2	Dr.T.Rajesh	An Efficient control strategy of shunt active power filter for asymmetrical approach using time domain approach	Published	Scopus	2020	Feb	https://drive.google.com/file/d/14Xm4p3ITpTgTep93LQT5StBa_pRkXzv2/view?usp=sharing
		Advanced Honey bee algorithm for optimization of voltage stability	Published	Scopus	2020	Jan	https://drive.google.com/file/d/1sCgs-cdYrqvL9F5cuxpBR_uslXxr1BOi/view?usp=sharing
		Artificial Neural Network Based Power Quality Improvement Using Shunt Active Power Filter	Published	Scopus	2020	Jul	https://drive.google.com/file/d/1gbnIYaACjhXptZYzFKZlynkIlgKHxjACi/view?usp=sharing
		Comparison of PI and AI Controllers used For DC-DC Converters For EV Fast Charging	Published	Scopus	2020	Jul	https://drive.google.com/file/d/14Hg09ekVjnFasbu64pYBTdsTSCLaFUZI/view?usp=sharing

		Design and Implementation of An Automatic Solar Tracking System For a Monocrystalline Silicon Material Panel Using MPPT Algorithm	Accepted	Scopus	2020	Aug	https://drive.google.com/file/d/1vJOjVQ3-YxZIYTLT2HJHt-Wd8KHLAiXx/view?usp=sharing
		Frequency Control of PV Connected Micro Grid System Using Fuzzy Logic Controller	Submitted	Scopus	2012	Aug	https://drive.google.com/file/d/1dphsS3TmI7WDOJGjoOCExqfDwoGa5jj/view?usp=sharing
3	Dr.D.Raja Reddy	optimal placement of D-Statcom in electrical distribution system	Published	Scopus	2020	Jul	
		design of transformerless UPFC based multilevel inverter	Published	Scopus	2020	Jul	

		modern approach for diagnosing and detection faults on overhead transmission lines by using ANN	Published	WoS	2020	Aug	
4	Dr.A.V.Sudhakar a Reddy	Histogram Pattern and Kalman Filter Approach Based Real Time Object Recognition and Tracking System	Published	Scopus	2020	Jul	http://www.jcreview.com/fulltext/197-1594654930.pdf?1597922278
		Feeder Protection From Over Load Situation through IoT	Published	Scopus	2020	Aug	ISSN: 2233-7857 IJFGCN
		Spotted hyena Optimizer for Solution Economic Dispatch with Piecewise Cost Functions	Submitted	Scopus	2020	Aug	

		Investigation of Euilibrium Optimizer to Solve Economic Dispatch with Practical Constraints	Submitted	Scopus	2020	Aug	
		Feeder Reconfiguration of Practical Indian 52-Node Distribution Systems for Loss Reduction using SSA Algorithm	Submitted	SCI	2020	Aug	
5	Dr.K.Ezhilvignesh	APPLICATION OF ADAPTIVE NEURO- FUZZY INFERENCE RULE BASED CONTROLLER IN HYBRID ELECTRIC VEHICLE	Published	Scopus	2020	Jun	https://link.springer.com/article/10.1007/s42835-020-00459-w

		HYBRID EVOLUTIONARY ALGORITHM USING OPTIMAL PLACEMENT FACT DEVICES FOR TOTAL TRANSFER CAPABILITY	Published	Scopus	2020	Jul	
		MORDEN MULTILEVEL FOR THE APPLICATION OF DRIVES WITH GRID CONNECTED RENEWABLE ENERGY SOURCES	Published	Scopus	2020		
6	P. Kamalakar	An Efficient Hardware Implementation of Data Compression using modified Golomb Rice Coding Architecture	Published	Scopus	2020	Sep	

		An analysis of biometric based security access system	Published	WoS	2020	Sep	
7	Narendra Kumar Ch	Histogram Pattern and Kalman Filter Approach Based Real Time Object Recognition and Tracking System	Published	Scopus	2020	Jul	http://www.jcreview.com/fulltext/197-1594654930.pdf?1597922278
		Comparison of PI and AI Controllers used for DC-DC Converter for EV Fast Charging	Published	Scopus	2020	Jul	http://www.jcreview.com/fulltext/197-1594655000.pdf?1597922565
		Modern Approach for Diagnosing and Detecting Faults on Overhead Transmission Lines using Artificial Neural Networks	Published	Scopus	2020	Aug	https://drive.google.com/file/d/1pyT7raMr1DQqBv5jWCvQLkaC2H9laM7E/view?usp=sharing

		Modeling of Smart Electric Vehicle Charging Hub	Published	WoS	2020	Aug	http://sersc.org/journals/index.php/IJFGCN/article/view/30756/17079
8	K. Anitha Reddy	Design of Transformer less UPFC Based on Multi level inverter	Published	Scopus	2020	Jun	
		Harmonic reduction method to control harmonics by using different controllers	Submitted	Scopus	2020	Aug	
		harmonic emission of grid connected back to back arrangements	Published	Scopus	2018	Nov	
		control strategy for improvement of pq in dc system in corportioing pr controller	Published	Scopus	2018	Dec	

9	Y. Sudha	Optimal placement of DSTATCOM in electrical distribution system	Published	Scopus	2020	Jul	http://sersc.org/journals/index.php/IJAST/article/view/28114
		Speed control of AC motor	Published	Scopus	2020	Aug	http://www.ijitee.org/wp-content/uploads/papers/v9i10/J75270891020.pdf
10	Ganesh Pashikanti	OPTIMAL PLACEMENT OF DSTATCOM IN ELECTRICAL DISTRIBUTION SYSTEM	Published	Scopus	2020	Jul	http://sersc.org/journals/index.php/IJAST/article/view/28114
11	Suma Deepthi Veeraganti	Application of Internet of Things in Multidisciplinary Research	Submitted	Scopus	2020	Jul	http://ijpeds.iaescore.com/index.php/IJPEDS/author/submissionReview/21017
		A New Approach for determining the cost Allocation by considering the mutual inductance for Multilateral contracts	Published	Scopus	2018	Aug	http://ijpeds.iaescore.com/index.php/IJPEDS/article/view/11739

		Penalty Quoted cost Approach for determining the cost allocation in a transmission line by considering Mutual Inductance	Published	Scopus	2018	Nov	https://www.ijrte.org/wp-content/uploads/papers/v7i4/E1825017519.pdf
12	Golla Venkata Siva Kumar	MOdeling of Smart Electric Vehicle Charging Hub	Published	WoS	2020	May	http://sersc.org/journals/index.php/IJFGCN/article/view/30756/17079
13	Pooja Dilip Dhake	Optimal placement of DSTATCOM in electrical Distribution systems	Published	Scopus	2020	Jun	http://sersc.org/journals/index.php/IJAST/article/view/28114
		Speed control of AC Motor	Published	Scopus	2020	Aug	https://www.ijitee.org/download/volume-9-issue-10/

14	Tadikamalla Sanjeevarao	designing of fuzzy controller for solar and wind based hybrid system	Published	Scopus	2020	Jul	
		load frequency control of an interconnected renewable system using PID combined ANFIS controller	Published	Scopus	2020	Jul	
15	Ashfar Ahmed	A FINITE ITERATION TECHNIQUE FOR A FUZZY QUADRATIC PROGRAMMING PROBLEM	Accepted	WoS	2020	Aug	
16	Mr. K .S. S. Naga Teja	Optimal Placement of DSTATCOM in Electrical Distribution System	Published	Scopus	2020	Jul	https://drive.google.com/file/d/1Bn5LxYNhGnfUsbhODj554I9juksxc9Mw/view?usp=sharing

		Android Bluetooth Device Control for Industrial Automation	Accepted	Scopus	2020	Aug	
17	Mr. MAN THA SRI KANTH	Assignment Problem and Its Extensions for Structure Development Preparation	Published	Scopus	2020	Jul	
		A FINITE ITERATION TECHNIQUE FOR A FUZZY QUADRATIC PROGRAMMING PROBLEM	Published	WoS	2020	Aug	
		ASSOCIATOR IDEAL IN $(-1,1)$ RINGS	Published	WoS	2020	Aug	

Department : Electronics and Communication Engineering

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	Dr.K.Rajendra Prasad	Performance of Improved Speed Pipelined floating point multiplier Architecture	Published	Scopus	2019	Nov	
		Performance of Improved FIR filter using FPGA	Published	Scopus	2019	May	
		Design and Implementation Of Energy Efficient Multiplier Architecture in Low Power VLSI	Published	Scopus	2018	Jun	

		An Experiment on UART Enabled Built-IN -Self Test Using Verilog	Published	Scopus	2018	Dec	
2	B. Sanjai Prasada Rao	Dynamic mobile sinks using deep Q networks	Submitted	SCI	2020	Jun	
3	Nasreen Begum	Sweep of sweet moments	Published	0	2016	Oct	
		Sweep of sweet moments	Published	0	2016	Oct	
4	Ms.A.Madhavilatha	A Study on COVID19: Wake Up Call	Published	Scopus	2020	Jun	https://drive.google.com/file/d/1LIWirEnxxNw0P70-uU2FVo4NDvKpD1af/view?usp=sharing
		Promoting Global Community and Cultural Exchange	Published	Scopus	2020	Aug	https://drive.google.com/file/d/1keW50jcLdcaR9DgR8kGtsCXOcfLwc-kT/view?usp=sharing

5	M. Krant hi Kumar	Scan Test Memo ry Management f or Ultra Large Sc ale Applications	Published	0	0		
		Finger and Palm vein recognition- A Survey	Submitted	Scopus	0		
6	Dr. Thu mu Srini vas Red dy	Analysis and cD NA Microarray I mage Segmentat ion Based on Ho ugh Circle Transf orm	Published	Scopus	201 9	Feb	https://www.scopus.com/authid/detail.uri? authorId=57208409759
		Secure Image R etrieval with Differ ent Classification Models	Published	Scopus	201 9	Feb	https://www.scopus.com/authid/detail.uri? authorId=57208409759
		Analyze and Imp lementation of F PGA Implementa tion of HUB Float ing-Point Additio n	Published	Scopus	201 9	Mar	https://www.scopus.com/authid/detail.uri? authorId=57208409759

		Analyze and Implementation of Inter-Carrier Interference Reduction Technique in OFDM System	Published	Scopus	2019	Mar	https://www.scopus.com/authid/detail.uri?authorId=57208409759
		Design of Image Steganography using M-BAT Optimization	Published	Scopus	2019	Nov	https://www.researchgate.net/publication/343017669_Design_of_Image_Steganography_using_M-BAT_Optimization
		Video Surveillance System for Pedestrian Crossing using MATLAB	Submitted	WoS	2020	Jul	
7	N. Pandu Ranga Reddy	Design SLM of PAPR Reduction Techniques of OFDM System	Published	0	2020	May	
		A Relative Analysis on Image Deblurring Techniques	Published	0	2020	May	

8	Dr. P. Sh arada D evi	Associator Ideal i n (-1,1) Rings	Published	WoS	202 0	Aug	
9	Dr. S. M adhu ba bu	Non-blind RGB watermarking ap proach using SV D in translation v ariant wavelet sp ace with enhanc ed gery-wolf opti mizer	Accepted	SCI	202 0	Aug	
10	Mrs. K R ama thul asi	Distribution of te mperature in visc ous incompressi ble fluid flow usin g differential ho motopy perturbat ion method	Published	0	202 0	Jan	

		An Analytical study of porous sear flow fixed in micro polar fluid with non zero spin boundary conditional vector	Published	WoS	2020	Aug	
11	Mr.Jyothula Sunil Kumar	Tensor Completion DCT Based Gradient Method	Accepted	WoS	2020	Aug	
12	Dr. Nithin Varma	High compression efficient and low complexity image compression algorithm for capsule endoscopy	Submitted	SCI	0		
		High compression efficiency image compression algorithm for capsule endoscopy	Published	SCI	0		

		Image Compression Methodologies for Capsule Endoscopy: - A review	Published	SCI	0		
13	Dr T Swapna	Design of parallel self timed adder with recursive research	Published	Scopus	2019	Aug	https://www.google.co.in/url?sa=t&source=web&rct=j&url=https://www.ijrte.org/wp-content/uploads/papers/v8i2S8/B11700882S819.pdf&ved=2ahUKEwjZ7qCMOLXrAhWJT30KHVOGABYQFjAAegQIBBAB&usg=AOvVaw2sQI9Gav3wMQJmmr4jr12u
		Analysis of Machine Learning Techniques for smart Home Assisted Living	Published	Scopus	2020	Aug	
14	Mr. G. Prasanna Kumar	An Efficient Frequency Multiplier with DLL-Based Clock Generator for SoC	Published	Scopus	2020	Apr	

15	Kota. Na geswara Rao	Smart Host Micr ocontroller for op timal Battery	Submitted	WoS	202 0	Aug	
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Department : Mechanical Engineering

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	Dr. B Dh atreyi	A concise review on 4D printing	Accepted	Scopus	2020	Aug	
2	Mrs S B hanu Teja	Evaluation of performance characteristics on VCR-DI Diesel engine fueled with Coconut Methyl Ester and Diethyl Ether as an Additive	Published	Scopus	2020	Jul	
3	Dr. A. Paul Praveen	Comparison of Shear Rigidity of Epoxy and Vinyl Ester Reinforced Hybrid Honeycomb Core	Published	SCI	2020	May	https://www.sciencedirect.com/science/article/pii/S2214785320321428

Experimentation on the MWCNT Strips Reinforced Functionally Graded Honeycomb Composite Materials	Accepted	WoS	2020	Aug	AIP Publishing
Vibration Analysis of MWCNT Reinforced Multi-layered Sandwich Composite Structures with Corrugated Cores - An Experimental Study	Accepted	WoS	2020	Aug	AIP Publishing

		Influence of Graphene Fillers on Vibration Characteristics of Tapered Hybrid GFRP Composite Beams under Elevated Temperature Condition: Numerical and Experimental Study	Submitted	SCI	2020	Aug	JSV-D-20-01791
4	Mr P Subramanyam	An Experimental Investigation on the performance, combustion and emission characteristics of CI diesel engine at various compression ratios with different ethanol-biodiesel blends	Published	Scopus	2020	Apr	http://sersc.org/journals/index.php/IJAST/article/view/10988
5	Mr. Vasilii.Srinivas	Reinventing & reimagining the world by 4D printing	Submitted	Scopus	2020	Aug	https://easychair.org/my/conference?conf=icimes2020#

6	Dr. Shaik Hussain	A brief review on high performance nano materials in solar desalination	Submitted	Scopus	2020	Aug	
		Analysis on impact of thermal barrier coating on piston head in CI engine using biodiesel	Submitted	Scopus	2020	Jul	
7	Dr. M. Vijay Kumar	Experimental investigation of the combustion characteristics of mahua oil biodiesel-diesel blend using a DI diesel engine modified with EGR and nozzle hole orifice diameter	Published	WoS	2018	Sep	https://www.biofueljournal.com/article_68382_0ea4005cd6cfd772261c5b265c168285.pdf

Evaluation of the performance and emission of diesel engine by using sterculia Foetida biodiesel blend and DMC additive	Submitted	Scopus	2020	Jul	https://ees.elsevier.com/matpr/default.asp
Influence of TBC with Diesel and MME fuels on a LHR Engine	Submitted	Scopus	2020	Jul	https://ees.elsevier.com/matpr/default.asp
Experimental Investigation of B20 blend in the DI diesel engine with a modification of smaller orifice injection nozzle and after treatment systems (EGR+DPF)	Submitted	WoS	2019	Jun	https://mc.manuscriptcentral.com/taen

Influence of variable speed on performance and emission characteristics of diesel engine using fish oil biodiesel blend	Published	Scopus	2020	Jan	https://www.ijrte.org/wp-content/uploads/papers/v8i5/E6707018520.pdf
Investigation on the combination of EGR with DPF and SCR Technologies in DI Diesel Engine	Submitted	SCI	2020	Aug	http://www.inderscience.com/ospeers/admin/author/articlelist.php
Numerical study of the heat dissipation of Rectangular heat sink under natural convection with different slots	Published	Scopus	2020	Jun	http://www.tjprc.org/publishpapers/2-67-1599734709-IJMPERDJUN20201156.pdf

8	Dr. S.Ud aya Bha skar	Analysis on slot curvature and co ntact stresses on Geneva Wheel	Submitted	Scopus	202 0	Jul	
		Investigation of c ontact stresses a nd wear paramet ers for pin on dis c using different pin materials	Submitted	Scopus	202 0	Jul	
9	Mrs A. Ar una Jyot hi	Observation of di fferent experime ntal parameters effect using fricti on stir welding th rough simulation of tailor welded b lanks	Published	Scopus	201 9	Sep	
		investigation of d eep draw ability of Aluminium she ets by finite elem ent numerical si mulation	Published	0	202 0	May	

		Investigation of different Experimental parameters effect through simulation of tailor welded blanks using friction stir welding	Published	Scopus	2019	Sep	
		Investigation of deep drawability of aluminium sheets by finite element numerical simulation	Published	0	2020	May	
10	Dr. Ramachandran Thulasiram	Structural and Suitability Analysis of Aluminium Metal Matrix Composites as IC Engine Mounts	Published	Scopus	2020	Aug	

11	Dr. Yogesh Madharia	Influence of Effective Thermal Conductivity on Hydrogen Sorption in Mg-LaNi _{4.6} Al _{0.4} Composite Hydride Beds for Thermal Energy Storage	Published	WoS	2020	Jul	
12	Mr. S. Rammoohan Reddy	A lithophane model making process to 3D Printers	Published	Scopus	2020	May	https://www.iaeme.com/citearticle.asp?Ed=19360&Jtype=IJMET&VType=11&Itype=5
		3D PRINTING INNOVATION DURING COVID-19 PANDEMIC	Submitted	0	2020		
13	Mr. K. Rajender	Mechanical and Tribological properties of AA7068 Reinforced with TiC and Gr	Published	Scopus	2020	Jul	

14	Mr. Balaji Krushna P	REINVENTING & REIMAGINING THE WORLD BY 4D PRINTING	Published	Scopus	2020	Aug	https://easychair.org/conferences/?conf=icimes2020
15	Mr C Chandra Sekhara	Smart Applications using Robotic and IoT Technologies in Fighting against Pandemic Covid19 in Medical and Societal Sectors	Published	Scopus	2020	May	
16	Dr N Lakshmi pathi Anantha	Improved Emoji Identification for sentence using LSTM in RNN	Submitted	Scopus	2020	May	
17	TIPPAYI PALLIN ARESH KUMAR	Synthesize and wet condition based characterizations of GRP/ Lye sisal fiber hybrid composites	Published	Scopus	2020	May	https://doi.org/10.1016/j.matpr.2020.02.709

		Study of Flexural Strength and Flexural Modulus On Chicken Feather Fiber Used Fiber Reinforced Polyester Composite	Published	WoS	2020	Jul	
18	Mrs R V S Madhuri	Comparative analysis on Diesel engine fueled with Biodiesels blended with multi walled carbon nanotubes	Submitted	Scopus	2020	Jul	
19	Dr A Ravendra	Exploration of indispensable properties of textile-grade glass fibers/whire caustic treated banana fiber hybrid composite	Accepted	Scopus	2020	Mar	https://www.sciencedirect.com/science/article/pii/S2214785320314668?via%3Dihub

		Experimental Investigations on welding characteristics of Aluminium alloy(6082) weldments using pulsed and non-pulsed current GTAW	0	Scopus	2020		To be Submitted
20	N. Harini	A Study report on Fabrication of Hitech -Highway	Published	0	2020	May	http://www.ijirset.com/upload/2020/may/94_A_Study_NC.PDF
21	E. Rajesh	mechanical characterization of ricinus fiber	Submitted	SCI	2020	Jun	https://mc.manuscriptcentral.com/jit
		chemical treatments of ricinus fiber	Submitted	SCI	2020	Jul	https://mc.manuscriptcentral.com/jit
		water absorption of ricinus	Submitted	SCI	2020	Aug	https://link.springer.com/10.1007/s40544-019-0332-0

		EXPERIMENTAL INVESTIGATION ON TENSILE PROPERTY	Published	Scopus	2017	Oct	https://www.sciencedirect.com/science/article/pii/S2214785317315080?via%3Dihub
		EFFECT OF SHORT RANDOM ORIENTATED FIBER	Published	Scopus	2018	Apr	https://www.sciencedirect.com/science/article/pii/S2214785317327621?via%3Dihub
		IMPACT CHARACTERIZATION ON COMPOSITE	Published	Scopus	2018	Dec	https://www.sciencedirect.com/science/article/pii/S2214785318321370?via%3Dihub
		DRY SLIDING WEAR ON COMPOSITE	Published	Scopus	2019	Aug	https://www.scientific.net/MSF.969.140
22	P. Shanthi Priya	Design And Analysis of 44-Cylinder Piston & Connecting Rod Assembly	Published	Scopus	2020	Jun	http://sersc.org/journals/index.php/IJAST/article/view/24153

Department : Computer Science and Engineering

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	Mr.K. Arun Kumar	An Efficient Associated Secured Biometric authentication for IOT	Published	WoS	2020	Jul	http://sersc.org/journals/index.php/IJGDC/article/view/28794
2	Mrs Sandhya Rani Sarlana	Spatio temporal depth motion descriptor for action recognition using 2D Convolutional neural networks.	Published	WoS	0		

3	Mr.Yarava Rokesh Kumar	CALCULATING SCREEN TIME OF CHARACTERS IN A VIDEO USING CONVOLUTIONAL NEURAL NETWORKS	Submitted	Scopus	2020	Aug	
		Energy Efficiency Analysis between Green computing and Cloud Computing	Published	Scopus	2019	Oct	https://www.ijrte.org/wp-content/uploads/papers/v8i3S2/C10471083S219.pdf
		Improved Data Security for Storing and Authenticating in Cloud using ERSA Algorithm	Published	Scopus	2019	Oct	https://www.ijitee.org/wp-content/uploads/papers/v8i12S/L120610812S19.pdf
		A Study and Enhancement on storage and Energy Efficient Using Cloud Computing	Published	Scopus	2019	Mar	https://www.ijitee.org/wp-content/uploads/papers/v8i4s2/D1S0063028419.pdf

4	Mr.Potta pinjara Babu	0	0	0	2012	Aug	
5	Mr Pasa m Venka teshwar Rao	Two-Factor Data security protection mechanism for cloud storage system	Published	Scopus	2020	Jul	
		Implementation of Competent and Scalable High Performance Computing With Quality of Service Policies in Grid Computing	Published	Scopus	2020	Jan	

		IRIS DETECTION AND REFORMATION SYSTEM USING NOVEL ALGORITHMS IN MACHINE LEARNING THROUGH SVM CLASSIFIERS	Published	Scopus	2019	Dec	
6	Mr Aarepu Lakshman	WEB SERVICES RECOMMANDATION OF HYBRID ITEM MEMORY BASED CF OF SCALABILITY DATA	Published	0	2020	Jun	https://www.jardcs.org/archivesview.php?volume=3&issue=40&page=3
7	Ms Nomula Divya	Detection of Ozone layer depletion using data mining	Published	Scopus	2018	Mar	
		Identification of data clusters	Published	Scopus	2017	Aug	

8	Dr. G Charles Babu	An Efficient Associated Secured Biometric Authentication for IoT	Published	WoS	2020	Jun	
		A Job Recommendation and Prediction with uncertainty estimation using RNN	Published	Scopus	2020	May	
		Locality—Aware Scheduling for Containers in Cloud Computing	Published	Scopus	2020	Jan	
		An Examination of Big Data and Block chain Technology	Published	Scopus	2019	Sep	
		An Efficient and Secured Framework for Mobile Cloud Computing (MCC)	Published	Scopus	2019	Sep	

A Schematic Approach on Web Data Mining in online Spread detection of Terrorism	Published	Scopus	2019	May	
A Study and Enhancement on storage and energy efficient using cloud computing	Published	Scopus	2019	Mar	
Secure and verifiable policy update method on Big Data access in cloud storage	Published	Scopus	2019	Mar	
A Systematic Approach towards description and classification of cyber crime incidents	Published	Scopus	2019	Mar	

		Medical Disease Prediction using Grey Wolf Optimization and Auto Encoder based Recurrent Neural Network	Published	Scopus	2018	Jun	
		Data Science : Identifying influencers in social Networks	Published	Scopus	2018	Jun	
9	Mr. M S wami Das	Future Smart Home appliances using IoT	Accepted	Scopus	2020	Jul	
		Software Metrics to improve quality of software by optimization methods	Submitted	WoS	2020	Aug	
		A Model of Women Security using IoT	Accepted	Scopus	2020	Mar	

Farm Management and Resource utilization using IoT	Accepted	Scopus	2020	Mar	
Internet of Things and its applications : An overview	Published	Scopus	2020	Apr	https://link.springer.com/chapter/10.1007/978-981-15-3125-5_8
Web service classification and prediction using rule based approach with recommendation for quality improvements	Published	Scopus	2020	Apr	https://link.springer.com/chapter/10.1007/978-981-15-1480-7_27
Cost Minimization through Load balancing and effective resource utilization in cloud based web services	Published	0	2019	Apr	https://www.igi-global.com/gateway/article/225823

Classification of Web services using data mining methods and improved Learning Model	Published	Scopus	2019	Dec	http://journal.uad.ac.id/index.php/TELKOMNIKA/article/view/11510
An Approach for Minimizing the Response time and improving availability of web services	Published	Scopus	2018	Dec	https://www.ijitee.org/wp-content/uploads/papers/v8i2s/BS2730128218.pdf
Building an IoT web services for Intelligent Systems	Published	0	2018	Jun	https://acadpubl.eu/hub/2018-120-6/3/220.pdf
Cost optimization technique and Resource utilization of web and cloud services	Published	Scopus	2018	Oct	https://link.springer.com/chapter/10.1007/978-981-13-1921-1_3

10	Dr. Pattlola Srinivas	Farm Management and Resource Optimization using IOT	Published	Scopus	2020	Nov	www.iotsmarton.com
		An Overview on Fuzzy Logic Issues Architectures and Techniques of Domain Driven Data Mining(D3M)	Published	WoS	2019	Jul	www.IJNIET.org
		Future Smart Home Appliance using IOT	Accepted	Scopus	2020	Oct	www.icicsegnu.org
11	R P Ram Kumar	Early identification of Tomato Plant Leaf Diseases using Clustering and Neural Networks	Submitted	WoS	2018	Aug	

		Video Summarization: Keyframe Extraction based on Absolute Difference Method	Submitted	WoS	2020	Jul	
12	Mrs. K Si reesha	Forecasting COVID-19 Cases in Saudi Arabia using machine learning SEIR and LSTM	Published	SCI	2020	May	
13	Mr. P Sri nivasa Rao	REPRESENTATION THEOREM FOR HYPERSEMILATTICES	Published	WoS	2020	Apr	http://www.jsrpublication.com/gallery/35-jsr-april-s429.pdf
		PHI-REPRESENTATION OF HYPERSEMILATTICES	Submitted	Scopus	2020	Jun	

14	Mrs. J K avitha R eddy	Ant Lion-based A uto-regression m odel for dynamic resource allocati on in cloud infras tructures	Submitted	SCI	202 0	Mar	
15	Mr. S. Aj ay Kuma r	A Comparative A nalysis of Paralle l and Distributed FSM approaches on large-scale gr aph data	Published	Scopus	201 9	Mar	https://www.ijrte.org/wp-content/uploads/papers/v7i6s/F03270376S19.pdf
		Online Examinati ons to Undergra duate Engineerin g Students: A Ca se Study in an A utonomous Instit ution	Published	Scopus	201 8	Oct	http://www.journaleet.org/index.php/jeet/article/view/139504/98037

16	Mr. P Kal yan Kum ar	Unsteady Magne to hydrodynamic flows of an Oldro yd-B fluid in duct s using Laplace t ransforms	Published	WoS	202 0	Aug	
		Unsteady film pr ofiles of Oldroyd- B fluid in an arter y with no-slip bo undary condition s	Published	WoS	202 0	Aug	
17	Mr Sanje eva Pole paka	Video summariz ation: Keyframe extraction based on absolute diffe rence method	Submitted	WoS	202 0	Jul	
18	Mr. Md. I nayathull a	Calculating scre en time of chara cters in a video u sing convolution al neural network s	Submitted	Scopus	202 0	Sep	

19	Dr. Y Suresh Kumar	An ecological model of Mutualism interaction between two species and a Predator	Published	Scopus	2017	May	http://www.ceser.in/ceserp/index.php/ijmc/article/view/4879
		A Stochastic model for three species	Published	Scopus	2018	Jul	https://www.sciencepubco.com/index.php/ijet/article/view/21211/10024
		Time delay model for a Predator and two species with Mutualism interaction	Published	Scopus	2018	Nov	http://www.arpnjournals.org/jeas/research_papers/rp_2018/jeas_1118_7376.pdf
		On the dynamical behaviour of three species food chain model with time delay	Published	Scopus	2019	May	https://www.ijitee.org/wp-content/uploads/papers/v8i7/G5231058719.pdf

Mutualism between two species and a mortal predator with Holling Type-II response function	Published	Scopus	2019	Jul	https://www.ijrte.org/wp-content/uploads/papers/v8i2/B3657078219.pdf
MATHEMATICAL STUDY OF COMPETITIVE PREYS - A PREDATOR WITH HOLLING TYPE-II FUNCTIONAL RESPONSE	Published	Scopus	2020	Feb	https://www.jardcs.org/article-tracking.php
Continuous time delay model for a three species food web system with multi-interactions	Published	Scopus	2020	Jan	https://www.jardcs.org/article-tracking.php

Department : Civil Engineering

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	Mr.M.Venu Gopal	Investigational Analysis on SCC using Nano Silica	Accepted	Scopus	0		
		Study on the influence of terazyme as a strengthening agent for black cotton soil	Submitted	Scopus	0		
2	Mr.G.Venkatesh	Effective study of geocell, geogrid and geotextile as georeinforcement on CBR and Resilient modulus of subgrade	Submitted	Scopus	0		

3	Mr.B.VA MSI KRI SHNA	Feasibility Study of Grade- Separated Intersection (Case Study at Balanagar Junction-Hyderabad)	Submitted	Scopus	2020	Jul	
		Analysis of Welded Connection plates by using ANSYS (Comparative Study-Finite Element Analysis with Elastic Analysis)	Submitted	Scopus	2020	Aug	
		Impact of Internship on Employability of undergraduate Engineering students: A Case Study	Submitted	Scopus	2020	Jul	
4	Mr BHA RRADW AJA	Experiment AI investigation on Epoxy hybrids	Submitted	SCI	2012	Aug	

5	Dr C M Vivek Vardhan	Res[ponse of cooling towers to wind loads	Published	Scopus	0		
		Defluoridation of water using Lanthanum-impregnated green sand	Published	WoS	0		
		Removal of Fluoride using Lanthanum impregnated Bauxite	Published	WoS	0		
		Fluoride removal using Lanthanum impregnated Pumice	Published	WoS	0		
		Effect of dual fibres with bagasse	Published	WoS	0		
		A study on acid resistance of Self-curing concrete using Polyethylene Glycol-400	Published	Scopus	2020	Aug	

		A study on enhancement of concrete using vacuum dewatering	Published	Scopus	2020	Aug	
		Effective study of Geocell, geogrid as georeinforcement of subgrade	Published	WoS	2020	Aug	
6	Ms.Swathi Priyadarshini	Liquefaction Behavior of Fibre reinforced sea sand using cyclic triaxial tests	Submitted	Scopus	0		
7	Dr S Ashok Kumar	Experimental investigations on potential of brick-based building derived materials for geotechnical applications	Published	Scopus	2020	Jul	https://doi.org/10.1007/s41062-020-00336-5

Department : Mining

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	Mr A Saravan Bhavan	Investigation Of optimal temperature distribution , mechanical properties and micro structure of friction stir welded copper alloy joints	Published	0	2018	Feb	
		AN EXPERIMENTAL INVESTIGATION ON EDM OF H13 USING TAGUCHI APPROACH	Published	Scopus	2020	May	

		EXPERIMENTAL STUDY ON MACHINING CHARACTERISTICS OF Ti-6Al-4V	Published	Scopus	2020	Sep	
2	Sri Chandras	Most influencing blast design parameters on mean fragmentation size and muckpile by principle component analysis	Published	Scopus	2019	Mar	https://www.ijitee.org/wp-content/uploads/papers/v8i4s2/D1S0106028419.pdf
		Critical analysis of process cycle by numerical modelling for faster developments of drives in hard rock underground mine	Published	WoS	2020	May	https://www.currentscience.ac.in/Volumes/118/10/1547.pdf

		Investigation into effect of rock mass properties on rock fragmentation and ground vibration	Submitted	SCI	2020	Jul	
3	Mr.Arun	Nil	0	0	0		
4	Mr.V.Saineesh	Nil	0	0	2012	Sep	

Department : Master of Business Administration

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
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Department : Humanities and Sciences

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	Pusuluri Sreehari	Online Learning During the Covid -19 Lockdown: Learners' Perceptions	Published	Scopus	2020	Jul	10.31838/jcr.07.19.36
2	Dr Bonal a Kondal	Content Based Writing: A pedagogic Perspective of Organisation in Expository Writing	Published	WoS	2020	Aug	https://drive.google.com/file/d/1lgjW9g6YIoVsL8vDJEUvX1SglGkfTSfm/view
		Effectiveness of Video Recording towards Developing Speaking Skills	Published	WoS	2020	Sep	http://druckhaus-hofmann.de/gallery/5-wj-september-2307.pdf

3	S. Saroja	Unsteady Magneto hydrodynamic flows of an Oldroyd-B fluid in ducts using Laplace Transforms	Published	WoS	2020	Aug	
4	Mr. B. Hema Chandra Rao	Synthesis and enhanced dielectric properties of copper oxide nanoparticles	Published	SCI	2020	Jun	https://doi.org/10.1016/j.matchemphys.2020.123379
5	Dr. P. Siva Kumar	Effect of Mg doping on physical properties of Zn ferrite nanoparticles	Published	SCI	2018	Mar	https://link.springer.com/article/10.1007%2Fs41779-018-0173-8
		Investigation on physical properties of Zn ferrite nanoparticles using Sol-gel Auto combustion method	Published	SCI	2018	Nov	file:///G:/siva%20research%20papers/Physical%20properties%20of%20Zn.pdf

	Investigation on physical properties of Mg Ferrite nano particles for microwave applications	Published	SCI	2019	Jan	https://doi.org/10.1080/08327823.2019.1569898
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Department : Structural Engineering

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	Mr.M.Venu Gopal	Investigational Analysis on SCC using Nano Silica	Accepted	Scopus	0		
		Study on the influence of terazyme as a strengthening agent for black cotton soil	Submitted	Scopus	0		
2	Mr.G.Venkatesh	Effective study of geocell, geogrid and geotextile as georeinforcement on CBR and Resilient modulus of subgrade	Submitted	Scopus	0		

3	Mr.B.VA MSI KRI SHNA	Feasibility Study of Grade- Separated Intersection (Case Study at Balanagar Junction-Hyderabad)	Submitted	Scopus	2020	Jul	
		Analysis of Welded Connection plates by using ANSYS (Comparative Study-Finite Element Analysis with Elastic Analysis)	Submitted	Scopus	2020	Aug	
		Impact of Internship on Employability of undergraduate Engineering students: A Case Study	Submitted	Scopus	2020	Jul	
4	Mr BHA RRADW AJA	Experiment AI investigation on Epoxy hybrids	Submitted	SCI	2012	Aug	

5	Dr C M Vivek Vardhan	Res[ponse of cooling towers to wind loads	Published	Scopus	0		
		Defluoridation of water using Lanthanum-impregnated green sand	Published	WoS	0		
		Removal of Fluoride using Lanthanum impregnated Bauxite	Published	WoS	0		
		Fluoride removal using Lanthanum impregnated Pumice	Published	WoS	0		
		Effect of dual fibres with bagasse	Published	WoS	0		
		A study on acid resistance of Self-curing concrete using Poly ethylene Glycol-400	Published	Scopus	2020	Aug	

		A study on enhancement of concrete using vacuum dewatering	Published	Scopus	2020	Aug	
		Effective study of Geocell, geogrid as georeinforcement of subgrade	Published	WoS	2020	Aug	
6	Ms.Swathi Priyadarshini	Liquefaction Behavior of Fibre reinforced sea sand using cyclic triaxial tests	Submitted	Scopus	0		
7	Dr S Ashok Kumar	Experimental investigations on potential of brick-based building derived materials for geotechnical applications	Published	Scopus	2020	Jul	https://doi.org/10.1007/s41062-020-00336-5

Department : Electrical Power Systems

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	Dr.N.Rajeswaran	Modern Approach For Diagnosing and Detecting Faults on Overhead Transmission Lines using Artificial Neural Networks	Published	Scopus	2020	Aug	www.tjprc.org › journals › journal-of-mechanical-engi...
		Simulation Model of Condition Monitoring and Faults Detection in high voltage transmission lines	Accepted	WoS	2020	Sep	www.indjst.org

2	Dr.T.Rajesh	An Efficient control strategy of shunt active power filter for asymmetrical approach using time domain approach	Published	Scopus	2020	Feb	https://drive.google.com/file/d/14Xm4p3ITpTgTep93LQT5StBa_pRkXzv2/view?usp=sharing
		Advanced Honey bee algorithm for optimization of voltage stability	Published	Scopus	2020	Jan	https://drive.google.com/file/d/1sCgs-cdYrqvL9F5cuxpBR_uslXxr1BOi/view?usp=sharing
		Artificial Neural Network Based Power Quality Improvement Using Shunt Active Power Filter	Published	Scopus	2020	Jul	https://drive.google.com/file/d/1gbnIYaACjhXptZYzFKZlynkIlgKHxjACi/view?usp=sharing
		Comparison of PI and AI Controllers used For DC-DC Converters For EV Fast Charging	Published	Scopus	2020	Jul	https://drive.google.com/file/d/14Hg09ekVjnFasbu64pYBTdsTSCLaFUZI/view?usp=sharing

		Design and Implementation of An Automatic Solar Tracking System For a Monocrystalline Silicon Material Panel Using MPPT Algorithm	Accepted	Scopus	2020	Aug	https://drive.google.com/file/d/1vJOjVQ3-YxZIYTLT2HJHt-Wd8KHLAiXx/view?usp=sharing
		Frequency Control of PV Connected Micro Grid System Using Fuzzy Logic Controller	Submitted	Scopus	2012	Aug	https://drive.google.com/file/d/1dphsS3TmI7WDOJGjoOCExqfDwoGa5jj/view?usp=sharing
3	Dr.D.Raja Reddy	optimal placement of D-Statcom in electrical distribution system	Published	Scopus	2020	Jul	
		design of transformerless UPFC based multilevel inverter	Published	Scopus	2020	Jul	

		modern approach for diagnosing and detection faults on overhead transmission lines by using ANN	Published	WoS	2020	Aug	
4	Dr.A.V.Sudhakar Reddy	Histogram Pattern and Kalman Filter Approach Based Real Time Object Recognition and Tracking System	Published	Scopus	2020	Jul	http://www.jcreview.com/fulltext/197-1594654930.pdf?1597922278
		Feeder Protection From Over Load Situation through IoT	Published	Scopus	2020	Aug	ISSN: 2233-7857 IJFGCN
		Spotted hyena Optimizer for Solution Economic Dispatch with Piecewise Cost Functions	Submitted	Scopus	2020	Aug	

		Investigation of Euilibrium Optimizer to Solve Economic Dispatch with Practical Constraints	Submitted	Scopus	2020	Aug	
		Feeder Reconfiguration of Practical Indian 52-Node Distribution Systems for Loss Reduction using SSA Algorithm	Submitted	SCI	2020	Aug	
5	Dr.K.Ezhilvignesh	APPLICATION OF ADAPTIVE NEURO- FUZZY INFERENCE RULE BASED CONTROLLER IN HYBRID ELECTRIC VEHICLE	Published	Scopus	2020	Jun	https://link.springer.com/article/10.1007/s42835-020-00459-w

		HYBRID EVOLUTIONARY ALGORITHM USING OPTIMAL PLACEMENT FACT DEVICES FOR TOTAL TRANSFER CAPABILITY	Published	Scopus	2020	Jul	
		MORDEN MULTILEVEL FOR THE APPLICATION OF DRIVES WITH GRID CONNECTED RENEWABLE ENERGY SOURCES	Published	Scopus	2020		
6	P. Kamalakar	An Efficient Hardware Implementation of Data Compression using modified Golomb Rice Coding Architecture	Published	Scopus	2020	Sep	

		An analysis of biometric based security access system	Published	WoS	2020	Sep	
7	Narendra Kumar Ch	Histogram Pattern and Kalman Filter Approach Based Real Time Object Recognition and Tracking System	Published	Scopus	2020	Jul	http://www.jcreview.com/fulltext/197-1594654930.pdf?1597922278
		Comparison of PI and AI Controllers used for DC-DC Converter for EV Fast Charging	Published	Scopus	2020	Jul	http://www.jcreview.com/fulltext/197-1594655000.pdf?1597922565
		Modern Approach for Diagnosing and Detecting Faults on Overhead Transmission Lines using Artificial Neural Networks	Published	Scopus	2020	Aug	https://drive.google.com/file/d/1pyT7raMr1DQqBv5jWCvQLkaC2H9laM7E/view?usp=sharing

		Modeling of Smart Electric Vehicle Charging Hub	Published	WoS	2020	Aug	http://sersc.org/journals/index.php/IJFGCN/article/view/30756/17079
8	K. Anitha Reddy	Design of Transformer less UPFC Based on Multi level inverter	Published	Scopus	2020	Jun	
		Harmonic reduction method to control harmonics by using different controllers	Submitted	Scopus	2020	Aug	
		harmonic emission of grid connected back to back arrangements	Published	Scopus	2018	Nov	
		control strategy for improvement of pq in dc system in corportioing pr controller	Published	Scopus	2018	Dec	

9	Y. Sudha	Optimal placement of DSTATCOM in electrical distribution system	Published	Scopus	2020	Jul	http://sersc.org/journals/index.php/IJAST/article/view/28114
		Speed control of AC motor	Published	Scopus	2020	Aug	http://www.ijitee.org/wp-content/uploads/papers/v9i10/J75270891020.pdf
10	Ganesh Pashikanti	OPTIMAL PLACEMENT OF DSTATCOM IN ELECTRICAL DISTRIBUTION SYSTEM	Published	Scopus	2020	Jul	http://sersc.org/journals/index.php/IJAST/article/view/28114
11	Suma Deepthi Veeraganti	Application of Internet of Things in Multidisciplinary Research	Submitted	Scopus	2020	Jul	http://ijpeds.iaescore.com/index.php/IJPEDS/author/submissionReview/21017
		A New Approach for determining the cost Allocation by considering the mutual inductance for Multilateral contracts	Published	Scopus	2018	Aug	http://ijpeds.iaescore.com/index.php/IJPEDS/article/view/11739

		Penalty Quoted cost Approach for determining the cost allocation in a transmission line by considering Mutual Inductance	Published	Scopus	2018	Nov	https://www.ijrte.org/wp-content/uploads/papers/v7i4/E1825017519.pdf
12	Golla Venkata Siva Kumar	MOdeling of Smart Electric Vehicle Charging Hub	Published	WoS	2020	May	http://sersc.org/journals/index.php/IJFGCN/article/view/30756/17079
13	Pooja Dilip Dhake	Optimal placement of DSTATCOM in electrical Distribution systems	Published	Scopus	2020	Jun	http://sersc.org/journals/index.php/IJAST/article/view/28114
		Speed control of AC Motor	Published	Scopus	2020	Aug	https://www.ijitee.org/download/volume-9-issue-10/

14	Tadikamalla Sanjeevarao	designing of fuzzy controller for solar and wind based hybrid system	Published	Scopus	2020	Jul	
		load frequency control of an interconnected renewable system using PID combined ANFIS controller	Published	Scopus	2020	Jul	
15	Ashfar Ahmed	A FINITE ITERATION TECHNIQUE FOR A FUZZY QUADRATIC PROGRAMMING PROBLEM	Accepted	WoS	2020	Aug	
16	Mr. K .S. S. Naga Teja	Optimal Placement of DSTATCOM in Electrical Distribution System	Published	Scopus	2020	Jul	https://drive.google.com/file/d/1Bn5LxYNhGnfUsbhODj554I9juksxc9Mw/view?usp=sharing

		Android Bluetooth Device Control for Industrial Automation	Accepted	Scopus	2020	Aug	
17	Mr. MAN THA SRI KANTH	Assignment Problem and Its Extensions for Structure Development Preparation	Published	Scopus	2020	Jul	
		A FINITE ITERATION TECHNIQUE FOR A FUZZY QUADRATIC PROGRAMMING PROBLEM	Published	WoS	2020	Aug	
		ASSOCIATOR IDEAL IN $(-1,1)$ RINGS	Published	WoS	2020	Aug	

Department : Thermal Engineering

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	Dr. B Dh atreyi	A concise review on 4D printing	Accepted	Scopus	2020	Aug	
2	Mrs S B hanu Teja	Evaluation of performance characteristics on VCR-DI Diesel engine fueled with Coconut Methyl Ester and Diethyl Ether as an Additive	Published	Scopus	2020	Jul	
3	Dr. A. Paul Praveen	Comparison of Shear Rigidity of Epoxy and Vinyl Ester Reinforced Hybrid Honeycomb Core	Published	SCI	2020	May	https://www.sciencedirect.com/science/article/pii/S2214785320321428

Experimentation on the MWCNT Strips Reinforced Functionally Graded Honeycomb Composite Materials	Accepted	WoS	2020	Aug	AIP Publishing
Vibration Analysis of MWCNT Reinforced Multi-layered Sandwich Composite Structures with Corrugated Cores - An Experimental Study	Accepted	WoS	2020	Aug	AIP Publishing

		Influence of Graphene Fillers on Vibration Characteristics of Tapered Hybrid GFRP Composite Beams under Elevated Temperature Condition: Numerical and Experimental Study	Submitted	SCI	2020	Aug	JSV-D-20-01791
4	Mr P Subramanyam	An Experimental Investigation on the performance, combustion and emission characteristics of CI diesel engine at various compression ratios with different ethanol-biodiesel blends	Published	Scopus	2020	Apr	http://seresc.org/journals/index.php/IJAST/article/view/10988
5	Mr. Vasilii.Srinivas	Reinventing & reimagining the world by 4D printing	Submitted	Scopus	2020	Aug	https://easychair.org/my/conference?conf=icimes2020#

6	Dr. Shaik Hussain	A brief review on high performance nano materials in solar desalination	Submitted	Scopus	2020	Aug	
		Analysis on impact of thermal barrier coating on piston head in CI engine using biodiesel	Submitted	Scopus	2020	Jul	
7	Dr. M. Vijay Kumar	Experimental investigation of the combustion characteristics of mahua oil biodiesel-diesel blend using a DI diesel engine modified with EGR and nozzle hole orifice diameter	Published	WoS	2018	Sep	https://www.biofueljournal.com/article_68382_0ea4005cd6cfd772261c5b265c168285.pdf

Evaluation of the performance and emission of diesel engine by using sterculia Foetida biodiesel blend and DMC additive	Submitted	Scopus	2020	Jul	https://ees.elsevier.com/matpr/default.asp
Influence of TBC with Diesel and MME fuels on a LHR Engine	Submitted	Scopus	2020	Jul	https://ees.elsevier.com/matpr/default.asp
Experimental Investigation of B20 blend in the DI diesel engine with a modification of smaller orifice injection nozzle and after treatment systems (EGR+ DPF)	Submitted	WoS	2019	Jun	https://mc.manuscriptcentral.com/taen

Influence of variable speed on performance and emission characteristics of diesel engine using fish oil biodiesel blend	Published	Scopus	2020	Jan	https://www.ijrte.org/wp-content/uploads/papers/v8i5/E6707018520.pdf
Investigation on the combination of EGR with DPF and SCR Technologies in DI Diesel Engine	Submitted	SCI	2020	Aug	http://www.inderscience.com/ospeers/admin/author/articlelist.php
Numerical study of the heat dissipation of Rectangular heat sink under natural convection with different slots	Published	Scopus	2020	Jun	http://www.tjprc.org/publishpapers/2-67-1599734709-IJMPERDJUN20201156.pdf

8	Dr. S.Ud aya Bha skar	Analysis on slot curvature and co ntact stresses on Geneva Wheel	Submitted	Scopus	202 0	Jul	
		Investigation of c ontact stresses a nd wear paramet ers for pin on dis c using different pin materials	Submitted	Scopus	202 0	Jul	
9	Mrs A. Ar una Jyot hi	Observation of di fferent experime ntal parameters effect using fricti on stir welding th rough simulation of tailor welded b lanks	Published	Scopus	201 9	Sep	
		investigation of d eep draw ability of Aluminium she ets by finite elem ent numerical si mulation	Published	0	202 0	May	

		Investigation of different Experimental parameters effect through simulation of tailor welded blanks using friction stir welding	Published	Scopus	2019	Sep	
		Investigation of deep drawability of aluminium sheets by finite element numerical simulation	Published	0	2020	May	
10	Dr. Ramachandran Thulasiram	Structural and Suitability Analysis of Aluminium Metal Matrix Composites as IC Engine Mounts	Published	Scopus	2020	Aug	

11	Dr. Yogesh Madharia	Influence of Effective Thermal Conductivity on Hydrogen Sorption in Mg-LaNi _{4.6} Al _{0.4} Composite Hydride Beds for Thermal Energy Storage	Published	WoS	2020	Jul	
12	Mr. S. Rammoohan Reddy	A lithophane model making process to 3D Printers	Published	Scopus	2020	May	https://www.iaeme.com/citearticle.asp?Ed=19360&Jtype=IJMET&VType=11&Itype=5
		3D PRINTING INNOVATION DURING COVID-19 PANDEMIC	Submitted	0	2020		
13	Mr. K. Rajender	Mechanical and Tribological properties of AA7068 Reinforced with TiC and Gr	Published	Scopus	2020	Jul	

14	Mr. Balaji Krushna P	REINVENTING & REIMAGINING THE WORLD BY 4D PRINTING	Published	Scopus	2020	Aug	https://easychair.org/conferences/?conf=icimes2020
15	Mr C Chandra Sekhara	Smart Applications using Robotic and IoT Technologies in Fighting against Pandemic Covid19 in Medical and Societal Sectors	Published	Scopus	2020	May	
16	Dr N Lakshmi pathi Anantha	Improved Emoji Identification for sentence using LSTM in RNN	Submitted	Scopus	2020	May	
17	TIPPAYI PALLI NARESH KUMAR	Synthesize and wet condition based characterizations of GRP/ Lye sisal fiber hybrid composites	Published	Scopus	2020	May	https://doi.org/10.1016/j.matpr.2020.02.709

		Study of Flexural Strength and Flexural Modulus On Chicken Feather Fiber Used Fiber Reinforced Polyester Composite	Published	WoS	2020	Jul	
18	Mrs R V S Madhuri	Comparative analysis on Diesel engine fueled with Biodiesels blended with multi walled carbon nanotubes	Submitted	Scopus	2020	Jul	
19	Dr A Ravendra	Exploration of indispensable properties of textile-grade glass fibers/whire caustic treated banana fiber hybrid composite	Accepted	Scopus	2020	Mar	https://www.sciencedirect.com/science/article/pii/S2214785320314668?via%3Dihub

		Experimental Investigations on welding characteristics of Aluminium alloy(6082) weldments using pulsed and non-pulsed current GTAW	0	Scopus	2020		To be Submitted
20	N. Harini	A Study report on Fabrication of Hitech -Highway	Published	0	2020	May	http://www.ijirset.com/upload/2020/may/94_A_Study_NC.PDF
21	E. Rajesh	mechanical characterization of ricinus fiber	Submitted	SCI	2020	Jun	https://mc.manuscriptcentral.com/jit
		chemical treatments of ricinus fiber	Submitted	SCI	2020	Jul	https://mc.manuscriptcentral.com/jit
		water absorption of ricinus	Submitted	SCI	2020	Aug	https://link.springer.com/10.1007/s40544-019-0332-0

		EXPERIMENTAL INVESTIGATION ON TENSILE PROPERTY	Published	Scopus	2017	Oct	https://www.sciencedirect.com/science/article/pii/S2214785317315080?via%3Dihub
		EFFECT OF SHORT RANDOM ORIENTATED FIBER	Published	Scopus	2018	Apr	https://www.sciencedirect.com/science/article/pii/S2214785317327621?via%3Dihub
		IMPACT CHARACTERIZATION ON COMPOSITE	Published	Scopus	2018	Dec	https://www.sciencedirect.com/science/article/pii/S2214785318321370?via%3Dihub
		DRY SLIDING WEAR ON COMPOSITE	Published	Scopus	2019	Aug	https://www.scientific.net/MSF.969.140
22	P. Shanthi Priya	Design And Analysis of 44-Cylinder Piston & Connecting Rod Assembly	Published	Scopus	2020	Jun	http://sersc.org/journals/index.php/IJAST/article/view/24153

Department : Machine Design

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	Dr. B Dh atreyi	A concise review on 4D printing	Accepted	Scopus	2020	Aug	
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3	Dr. A. Paul Praveen	Comparison of Shear Rigidity of Epoxy and Vinyl Ester Reinforced Hybrid Honeycomb Core	Published	SCI	2020	May	https://www.sciencedirect.com/science/article/pii/S2214785320321428

Experimentation on the MWCNT Strips Reinforced Functionally Graded Honeycomb Composite Materials	Accepted	WoS	2020	Aug	AIP Publishing
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		Influence of Graphene Fillers on Vibration Characteristics of Tapered Hybrid GFRP Composite Beams under Elevated Temperature Condition: Numerical and Experimental Study	Submitted	SCI	2020	Aug	JSV-D-20-01791
4	Mr P Subramanyam	An Experimental Investigation on the performance, combustion and emission characteristics of CI diesel engine at various compression ratios with different ethanol-biodiesel blends	Published	Scopus	2020	Apr	http://sersc.org/journals/index.php/IJAST/article/view/10988
5	Mr. Vasilii.Srinivas	Reinventing & reimagining the world by 4D printing	Submitted	Scopus	2020	Aug	https://easychair.org/my/conference?conf=icimes2020#

6	Dr. Shaik Hussain	A brief review on high performance nano materials in solar desalination	Submitted	Scopus	2020	Aug	
		Analysis on impact of thermal barrier coating on piston head in CI engine using biodiesel	Submitted	Scopus	2020	Jul	
7	Dr. M. Vijay Kumar	Experimental investigation of the combustion characteristics of mahua oil biodiesel-diesel blend using a DI diesel engine modified with EGR and nozzle hole orifice diameter	Published	WoS	2018	Sep	https://www.biofueljournal.com/article_68382_0ea4005cd6cfd772261c5b265c168285.pdf

Evaluation of the performance and emission of diesel engine by using sterculia Foetida biodiesel blend and DMC additive	Submitted	Scopus	2020	Jul	https://ees.elsevier.com/matpr/default.asp
Influence of TBC with Diesel and MME fuels on a LHR Engine	Submitted	Scopus	2020	Jul	https://ees.elsevier.com/matpr/default.asp
Experimental Investigation of B20 blend in the DI diesel engine with a modification of smaller orifice injection nozzle and after treatment systems (EGR+DPF)	Submitted	WoS	2019	Jun	https://mc.manuscriptcentral.com/taen

Influence of variable speed on performance and emission characteristics of diesel engine using fish oil biodiesel blend	Published	Scopus	2020	Jan	https://www.ijrte.org/wp-content/uploads/papers/v8i5/E6707018520.pdf
Investigation on the combination of EGR with DPF and SCR Technologies in DI Diesel Engine	Submitted	SCI	2020	Aug	http://www.inderscience.com/ospeers/admin/author/articlelist.php
Numerical study of the heat dissipation of Rectangular heat sink under natural convection with different slots	Published	Scopus	2020	Jun	http://www.tjprc.org/publishpapers/2-67-1599734709-IJMPERDJUN20201156.pdf

8	Dr. S.Ud aya Bha skar	Analysis on slot curvature and co ntact stresses on Geneva Wheel	Submitted	Scopus	202 0	Jul	
		Investigation of c ontact stresses a nd wear paramet ers for pin on dis c using different pin materials	Submitted	Scopus	202 0	Jul	
9	Mrs A. Ar una Jyot hi	Observation of di fferent experime ntal parameters effect using fricti on stir welding th rough simulation of tailor welded b lanks	Published	Scopus	201 9	Sep	
		investigation of d eep draw ability of Aluminium she ets by finite elem ent numerical si mulation	Published	0	202 0	May	

		Investigation of different Experimental parameters effect through simulation of tailor welded blanks using friction stir welding	Published	Scopus	2019	Sep	
		Investigation of deep drawability of aluminium sheets by finite element numerical simulation	Published	0	2020	May	
10	Dr. Ramachandran Thulasiram	Structural and Suitability Analysis of Aluminium Metal Matrix Composites as IC Engine Mounts	Published	Scopus	2020	Aug	

11	Dr. Yogesh Madharia	Influence of Effective Thermal Conductivity on Hydrogen Sorption in Mg-LaNi _{4.6} Al _{0.4} Composite Hydride Beds for Thermal Energy Storage	Published	WoS	2020	Jul	
12	Mr. S. Rammoohan Reddy	A lithophane model making process to 3D Printers	Published	Scopus	2020	May	https://www.iaeme.com/citearticle.asp?Ed=19360&Jtype=IJMET&VType=11&Itype=5
		3D PRINTING INNOVATION DURING COVID-19 PANDEMIC	Submitted	0	2020		
13	Mr. K. Rajender	Mechanical and Tribological properties of AA7068 Reinforced with TiC and Gr	Published	Scopus	2020	Jul	

14	Mr. Balaji Krushna P	REINVENTING & REIMAGINING THE WORLD BY 4D PRINTING	Published	Scopus	2020	Aug	https://easychair.org/conferences/?conf=icimes2020
15	Mr C Chandra Sekhara	Smart Applications using Robotic and IoT Technologies in Fighting against Pandemic Covid19 in Medical and Societal Sectors	Published	Scopus	2020	May	
16	Dr N Lakshmi pathi Anantha	Improved Emoji Identification for sentence using LSTM in RNN	Submitted	Scopus	2020	May	
17	TIPPAYI PALLIN ARESH KUMAR	Synthesize and wet condition based characterizations of GRP/ Lye sisal fiber hybrid composites	Published	Scopus	2020	May	https://doi.org/10.1016/j.matpr.2020.02.709

		Study of Flexural Strength and Flexural Modulus On Chicken Feather Fiber Used Fiber Reinforced Polyester Composite	Published	WoS	2020	Jul	
18	Mrs R V S Madhuri	Comparative analysis on Diesel engine fueled with Biodiesels blended with multi walled carbon nanotubes	Submitted	Scopus	2020	Jul	
19	Dr A Ravendra	Exploration of indispensable properties of textile-grade glass fibers/whire caustic treated banana fiber hybrid composite	Accepted	Scopus	2020	Mar	https://www.sciencedirect.com/science/article/pii/S2214785320314668?via%3Dihub

		Experimental Investigations on welding characteristics of Aluminium alloy(6082) weldments using pulsed and non-pulsed current GTAW	0	Scopus	2020		To be Submitted
20	N. Harini	A Study report on Fabrication of Hitech -Highway	Published	0	2020	May	http://www.ijirset.com/upload/2020/may/94_A_Study_NC.PDF
21	E. Rajesh	mechanical characterization of ricinus fiber	Submitted	SCI	2020	Jun	https://mc.manuscriptcentral.com/jit
		chemical treatments of ricinus fiber	Submitted	SCI	2020	Jul	https://mc.manuscriptcentral.com/jit
		water absorption of ricinus	Submitted	SCI	2020	Aug	https://link.springer.com/10.1007/s40544-019-0332-0

		EXPERIMENTAL INVESTIGATION ON TENSILE PROPERTY	Published	Scopus	2017	Oct	https://www.sciencedirect.com/science/article/pii/S2214785317315080?via%3Dihub
		EFFECT OF SHORT RANDOM ORIENTATED FIBER	Published	Scopus	2018	Apr	https://www.sciencedirect.com/science/article/pii/S2214785317327621?via%3Dihub
		IMPACT CHARACTERIZATION ON COMPOSITE	Published	Scopus	2018	Dec	https://www.sciencedirect.com/science/article/pii/S2214785318321370?via%3Dihub
		DRY SLIDING WEAR ON COMPOSITE	Published	Scopus	2019	Aug	https://www.scientific.net/MSF.969.140
22	P. Shanthi Priya	Design And Analysis of 44-Cylinder Piston & Connecting Rod Assembly	Published	Scopus	2020	Jun	http://sersc.org/journals/index.php/IJAST/article/view/24153

Department : Computer Science and Engineering

3) Papers published/accepted/submitted in Scopus/WoS/SCI - Journals

S.No	Faculty Name	Paper Title	Status (Published / Accepted / Submitted)	Journal (Scopus / WoS / SCI)	Year	Month	Document URL
1	Mr.K. Arun Kumar	An Efficient Associated Secured Biometric authentication for IOT	Published	WoS	2020	Jul	http://sersc.org/journals/index.php/IJGDC/article/view/28794
2	Mrs Sandhya Rani Sarlana	Spatio temporal depth motion descriptor for action recognition using 2D Convolutional neural networks.	Published	WoS	0		

3	Mr.Yarava Rokesh Kumar	CALCULATING SCREEN TIME OF CHARACTERS IN A VIDEO USING CONVOLUTIONAL NEURAL NETWORKS	Submitted	Scopus	2020	Aug	
		Energy Efficiency Analysis between Green computing and Cloud Computing	Published	Scopus	2019	Oct	https://www.ijrte.org/wp-content/uploads/papers/v8i3S2/C10471083S219.pdf
		Improved Data Security for Storing and Authenticating in Cloud using ERSA Algorithm	Published	Scopus	2019	Oct	https://www.ijitee.org/wp-content/uploads/papers/v8i12S/L120610812S19.pdf
		A Study and Enhancement on storage and Energy Efficient Using Cloud Computing	Published	Scopus	2019	Mar	https://www.ijitee.org/wp-content/uploads/papers/v8i4s2/D1S0063028419.pdf

4	Mr.Potta pinjara B abu	0	0	0	201 2	Aug	
5	Mr Pasa m Venka teshwar Rao	Two-Factor Data security protectio n mechanism for cloud storage sy stem	Published	Scopus	202 0	Jul	
		Implementation of Competent an d Scalable High Performance Co mputing With Qu ality of Service P olicies in Grid Co mputing	Published	Scopus	202 0	Jan	

		IRIS DETECTION AND REFORMATION SYSTEM USING NOVEL ALGORITHMS IN MACHINE LEARNING THROUGH SVM CLASSIFIERS	Published	Scopus	2019	Dec	
6	Mr Aarepu Lakshman	WEB SERVICES RECOMMANDATION OF HYBRID ITEM MEMORY BASED CF OF SCALABILITY DATA	Published	0	2020	Jun	https://www.jardcs.org/archivesview.php?volume=3&issue=40&page=3
7	Ms Nomula Divya	Detection of Ozone layer depletion using data mining	Published	Scopus	2018	Mar	
		Identification of data clusters	Published	Scopus	2017	Aug	

8	Dr. G Charles Babu	An Efficient Associated Secured Biometric Authentication for IoT	Published	WoS	2020	Jun	
		A Job Recommendation and Prediction with uncertainty estimation using RNN	Published	Scopus	2020	May	
		Locality—Aware Scheduling for Containers in Cloud Computing	Published	Scopus	2020	Jan	
		An Examination of Big Data and Block chain Technology	Published	Scopus	2019	Sep	
		An Efficient and Secured Framework for Mobile Cloud Computing (MCC)	Published	Scopus	2019	Sep	

A Schematic Approach on Web Data Mining in online Spread detection of Terrorism	Published	Scopus	2019	May	
A Study and Enhancement on storage and energy efficient using cloud computing	Published	Scopus	2019	Mar	
Secure and verifiable policy update method on Big Data access in cloud storage	Published	Scopus	2019	Mar	
A Systematic Approach towards description and classification of cyber crime incidents	Published	Scopus	2019	Mar	

		Medical Disease Prediction using Grey Wolf Optimization and Auto Encoder based Recurrent Neural Network	Published	Scopus	2018	Jun	
		Data Science : Identifying influencers in social Networks	Published	Scopus	2018	Jun	
9	Mr. M S wami Das	Future Smart Home appliances using IoT	Accepted	Scopus	2020	Jul	
		Software Metrics to improve quality of software by optimization methods	Submitted	WoS	2020	Aug	
		A Model of Women Security using IoT	Accepted	Scopus	2020	Mar	

Farm Management and Resource utilization using IoT	Accepted	Scopus	2020	Mar	
Internet of Things and its applications : An overview	Published	Scopus	2020	Apr	https://link.springer.com/chapter/10.1007/978-981-15-3125-5_8
Web service classification and prediction using rule based approach with recommendation for quality improvements	Published	Scopus	2020	Apr	https://link.springer.com/chapter/10.1007/978-981-15-1480-7_27
Cost Minimization through Load balancing and effective resource utilization in cloud based web services	Published	0	2019	Apr	https://www.igi-global.com/gateway/article/225823

Classification of Web services using data mining methods and improved Learning Model	Published	Scopus	2019	Dec	http://journal.uad.ac.id/index.php/TELKOMNIKA/article/view/11510
An Approach for Minimizing the Response time and improving availability of web services	Published	Scopus	2018	Dec	https://www.ijitee.org/wp-content/uploads/papers/v8i2s/BS2730128218.pdf
Building an IoT web services for Intelligent Systems	Published	0	2018	Jun	https://acadpubl.eu/hub/2018-120-6/3/220.pdf
Cost optimization technique and Resource utilization of web and cloud services	Published	Scopus	2018	Oct	https://link.springer.com/chapter/10.1007/978-981-13-1921-1_3

10	Dr. Pattlola Srinivas	Farm Management and Resource Optimization using IOT	Published	Scopus	2020	Nov	www.iotsmarton.com
		An Overview on Fuzzy Logic Issues Architectures and Techniques of Domain Driven Data Mining(D3M)	Published	WoS	2019	Jul	www.IJNIET.org
		Future Smart Home Appliance using IOT	Accepted	Scopus	2020	Oct	www.icicsegnu.org
11	R P Ram Kumar	Early identification of Tomato Plant Leaf Diseases using Clustering and Neural Networks	Submitted	WoS	2018	Aug	

		Video Summarization: Keyframe Extraction based on Absolute Difference Method	Submitted	WoS	2020	Jul	
12	Mrs. K Si reesha	Forecasting COVID-19 Cases in Saudi Arabia using machine learning SEIR and LSTM	Published	SCI	2020	May	
13	Mr. P Sri nivasa Rao	REPRESENTATION THEOREM FOR HYPERSEMILATTICES	Published	WoS	2020	Apr	http://www.jsrpublication.com/gallery/35-jsr-april-s429.pdf
		PHI-REPRESENTATION OF HYPERSEMILATTICES	Submitted	Scopus	2020	Jun	

14	Mrs. J K avitha R eddy	Ant Lion-based A uto-regression m odel for dynamic resource allocati on in cloud infras tructures	Submitted	SCI	202 0	Mar	
15	Mr. S. Aj ay Kuma r	A Comparative A nalysis of Paralle l and Distributed FSM approaches on large-scale gr aph data	Published	Scopus	201 9	Mar	https://www.ijrte.org/wp-content/uploads/papers/v7i6s/F03270376S19.pdf
		Online Examinati ons to Undergra duate Engineerin g Students: A Ca se Study in an A utonomous Instit ution	Published	Scopus	201 8	Oct	http://www.journaleet.org/index.php/jeet/article/view/139504/98037

16	Mr. P Kal yan Kum ar	Unsteady Magne to hydrodynamic flows of an Oldro yd-B fluid in duct s using Laplace t ransforms	Published	WoS	202 0	Aug	
		Unsteady film pr ofiles of Oldroyd- B fluid in an arter y with no-slip bo undary condition s	Published	WoS	202 0	Aug	
17	Mr Sanje eva Pole paka	Video summariz ation: Keyframe extraction based on absolute diffe rence method	Submitted	WoS	202 0	Jul	
18	Mr. Md. I nayathull a	Calculating scre en time of chara cters in a video u sing convolution al neural network s	Submitted	Scopus	202 0	Sep	

19	Dr. Y Suresh Kumar	An ecological model of Mutualism interaction between two species and a Predator	Published	Scopus	2017	May	http://www.ceser.in/ceserp/index.php/ijmc/article/view/4879
		A Stochastic model for three species	Published	Scopus	2018	Jul	https://www.sciencepubco.com/index.php/ijet/article/view/21211/10024
		Time delay model for a Predator and two species with Mutualism interaction	Published	Scopus	2018	Nov	http://www.arpnjournals.org/jeas/research_papers/rp_2018/jeas_1118_7376.pdf
		On the dynamical behaviour of three species food chain model with time delay	Published	Scopus	2019	May	https://www.ijitee.org/wp-content/uploads/papers/v8i7/G5231058719.pdf

Mutualism between two species and a mortal predator with Holling Type-II response function	Published	Scopus	2019	Jul	https://www.ijrte.org/wp-content/uploads/papers/v8i2/B3657078219.pdf
MATHEMATICAL STUDY OF COMPETITIVE PREYS - A PREDATOR WITH HOLLING TYPE-II FUNCTIONAL RESPONSE	Published	Scopus	2020	Feb	https://www.jardcs.org/article-tracking.php
Continuous time delay model for a three species food web system with multi-interactions	Published	Scopus	2020	Jan	https://www.jardcs.org/article-tracking.php