

**RESEARCH PUBLICATIONS ACADEMIC**  
**(WoS/SCI, Scopus Indexed & UGC-CARE List)**  
**Academic-Year (2020-21)**

S. N.	Author(s)'s Name	Title	Journal's Name	Volume	Issue	Page No.	Year	ISSN No.
<b>DEPARTMENT OF ECE</b>								
1	R.S. Dubey, Y. Venkatesh	Engineering of ultra-violet reflectors by varying alternate layers of titania/silica for harmful UV-protection	Kuwait Journal of Sciences	xx	xx	xx-xx	2021	1024-8684
2	R.S. Dubey, S. Srilali et al.	Synthesis and characterization of $Zn_x-1Al_2O_4(TiO_2)_x$ Nanocomposite Ceramics and their Humidity Sensing Properties	Journal of Materials Science & Springer	-	-	1-9	2021	0022-2461
3	D. Sekhar, R.S. Dubey, P. Sampad Kumar	Sol-gel preparation and characterization of $ZnCaAl_2O_4$ composite nanoparticles	Lecture Notes in Mechanical Engineering & Springer	-	-	123-130	2021	978-981-16-3685-1
4	R.S. Dubey, H.M. Pathan, B.B. Kale, J. Ambedkar	Solvothermal Synthesis and Characterization of Doped $TiO_2$ Nanocrystals for Light Scattering Applications	Micro & Nano Letters	15	15	1120-1125	2020	1750-0443
5	S. Saravanan, R.S. Dubey	Optical performance of visible and near-infrared responsive $TiO_2/Ag$ doped- $SiO_2/TiO_2$ thin films prepared by sol-gel spin-coating method	Journal of Optoelectronics and Advanced Materials	23	9-10	484-487	2021	1841-7132

6	S. Saravanan, R.S. Dubey	Ultraviolet and Visible Reflective TiO <sub>2</sub> /SiO <sub>2</sub> Thin Films on Silicon Using Sol-gel Spin Coater	Nanosystems: Physics, Chemistry, Mathematics	12	3	311-316	2021	2305-7971
7	Ch.V. Ramana, R.S. Dubey	Solution based-Spin cast Processed O-shaped Memory Device	Journal of Materials Science: Materials in Electronics	32	-	2258-2267	2021	2258-2267
8	S. Saravanan, R.S. Dubey	Study of Ultrathin-Film Amorphous Silicon Solar Cell Performance Using Photonic and Plasmonic Nanostructure	International Journal of Energy Research	-	-	001-009	2021	1099-114X
9	M.V. Someshwara Rao, R.S. Dubey, PSV. Subbarao	Electrospun composite nanofibers prepared by varying concentrations of TiO <sub>2</sub> /ZnO solutions for photocatalytic applications	Journal of Photochemistry and Photobiology	6	-	100016-1-7	2021	2666-4690
10	S. Saravanan, R.S. Dubey	Light-harvesting enhancement in ultrathin film silicon solar cells using photonic and plasmonic nanostructures	Materials Today Proceedings	xx	xx	xx-xx	2021	2214-7853
11	S. Saravanan, R.S. Dubey	Optical and morphological studies of TiO <sub>2</sub> nanoparticles prepared by sol-gel method	Materials Today Proceedings	xx	xx	1811-1814	2021	2214-7853

12	S. Saravanan, R.S. Dubey	Optical and Structural Investigations of TiO <sub>2</sub> Multilayers on Glass Prepared via Sol-Gel Spin-Coating Technique	Materials Today: Proceedings	xx	xx	xx-xx	2021	2214-7853
13	S. Saravanan	Performance of TiO <sub>2</sub> , Cu-TiO <sub>2</sub> and N-TiO <sub>2</sub> nanoparticles Sensitization with Natural Dyes for Dye Sensitized Solar Cells	Materials Today: Proceedings	xx	xx	xx-xx	2021	2214-7853
14	S. Saravanan, R.S. Dubey	An experimental investigation of ZnO nanostructures on various substrates using electrodeposition method	Materials Today: Proceedings	xx	xx	xx-xx	2021	2214-7853
15	S. Saravanan, R.S. Dubey	Performance enhancement of amorphous silicon solar cell using 1D photonic crystal as back reflector	Materials Today: Proceedings	xx	xx	xx-xx	2021	2214-7853
16	V.K.M. Katta, R.S. Dubey	Green Synthesis of silver nanoparticles using Tagetes erecta plant and investigation of their structural, optical, chemical and morphological properties	Materials Today: Proceedings	45	2	794-798	2021	2214-7853

17	Y. Venkatesh, R.S. Dubey, B. Kumar	Prohibition of infrared electromagnetic waves through optical coatings on plain glasses	Materials Today Proceedings	45	2	2883- 2886	2021	2214- 7853
18	S. Saravanan, R.S. Dubey	Optical investigation on dielectric multilayers prepared by sol-gel method	Materials Today: Proceedings	xx	xx	xx-xx	2021	2214- 7853
19	S. Saravanan	Temperature Influence on Strontium Ferrite Nanoparticles Prepared by Chemical Co- Precipitation Method	Wulfenia	28	5	39-47	2021	1561- 882X
20	S. Srilali, R.S. Dubey, L. Pappula	Synthesis and Investigation of Dielectric Properties of Nanoceramic Composite Material for Microwave Applications	Micro & Nano Letters	15	15	1156- 1161	2021	1750- 0443
21	R.S. Dubey, S.R. Jadkar, A.B. Bhorde	Synthesis and Characterization of Various Doped TiO <sub>2</sub> Nanocrystals for Dye- Sensitized Solar Cells	ACS Omega	6	5	3470- 3482	2021	2470- 1343
22	M.V. Someshwararao, R.S. Dubey, P.S.V. Subbarao	Electrospun Composite Nanofibers Prepared By Varying Concentrations of TiO <sub>2</sub> /ZnO Solutions for Photocatalytic Applications	Journal of Photochemistr y and Photobiology	6	-	100016 -1-7	2021	1010- 6030

23	D. Sekhar, R.S. Dubey, S.K. Panda	Sol-Gel Preparation & Characterization of ZnCaAl <sub>2</sub> O <sub>4</sub> Ceramic Nanoparticles	Next Generation Materials & Processing Technologies	In-press	-	-	2021	978-981-0182-8
24	S. Srilali, R.S. Dubey, L. Pappula	Dielectric Properties of Zinc Aluminium-Silicate Based Ceramic Nanoparticles	Next Generation Materials & Processing Technologies	In-press	-	-	2021	978-981-0182-8
25	S. Srilali, R.S. Dubey, L. Pappula	Analysis of Dielectric Properties of Zinc Aluminum Silicate Based Ceramic Nanoparticles	Materials Today: Proceedings	45	-	2801-2808	2021	2214-7853
26	S. Saravanan	Functional, structural and morphological property of green synthesized silver nanoparticles using azadirachtaindica leaf extract	Materials Today: Proceedings	47	9	1815-1818	2021	2214-7853
27	S. Saravanan, R.S. Dubey	Optical and morphological studies of TiO <sub>2</sub> nanoparticles prepared by sol-gel method	Materials Today: Proceedings	47	9	1811-1814	2021	2214-7853
28	K. Balamurugan, B. Subrahmanyeswara Rao	Performance Analysis of Optad - NOC : A Novel Optimized Routing Algorithm and intelligent Router for 3D Network - On - Chip	Wireless Personal Communications-Springer	121	-	2511-2528	2021	0929-6212, 1572-834X

29	A. Anto Spitius Kinuly	Performance Analysis of Support vector Machine And bag of visual words classifiers in melanoma diagnosis	Agrociencia	-	-	1405- 3195	2021	2521- 9766
30	Boyina Subrahmanyeswa ra Rao	Accurate leukocoria predictor based on deep VGG-net CNN technique	IET Image Processing	14	5	2241- 2248	2020	1751- 9659
31	Boyina Subrahmanyeswa ra Rao	Dynamic Histogram Equalization for contrast enhancement for digital images	Applied Soft Computing Journal 89 (2020) 106114	89	-	106114 -1-13	2020	1568- 4946
32	R.S. Dubey, S. Saravanan	Electrochemical Growth and Characterization of ZnO Nanostructures for Dye-Sensitized Solar Cells	Micro & Nano Letters	15	12	840- 844	2020	1750- 0443
33	Y. Venkatesh, R.S. Dubey, Brijesh Kumar	Rapid and Economic Fabrication Approach of Dielectric Reflectors for Energy Harvesting Applications	Scientific Reports	10	-	15930- 1-9	2020	2045- 2322
34	Katta Venkata Krishnamurthy, R. S. Dubey	Comparative Study of Doped-TiO <sub>2</sub> Nanocrystals Prepared by Sol-Gel and Solvothermal Approaches	Materials Today: Proceedings	39	-	1422- 1425	2021	2214- 7853

35	Y. Venkatesh, R.S. Dubey, Brijesh Kumar	Fabrication and Characterization of Spectrally Selective Glazing Dielectric Multilayer Structures	Nanosystems: Physics, Chemistry, Mathematics	11	4	488-492	2020	2305-7971
36	S. Srilali, R.S. Dubey, L. Pappula	Investigation of Structural, Chemical, Morphological and Dielectric Properties of Sol-Gel Derived ZnAl <sub>2</sub> O <sub>4</sub> Nanoparticles	Materials Today: Proceedings	45	-	2091-2095	2021	2214-7853
37	Y. Venkatesh, R. S. Dubey, Brijesh Kumar	A Low-Cost Fabrication Approach of UV, VIS and NIR Dielectric Reflectors	Advances in Materials Research	1	-	355-362	2021	2195-4356
38	R.S. Dubey, Y. Venkatesh, Jyoti Dubey	Fabrication of Dielectric Reflectors	The Patent Office Journal	44	-	55304	2020	-
<b>DEPARTMENT OF MECH</b>								
39	S. Thillikkani, M. Nataraj, M. Francis Luther King	Failure analysis of Shackle Bracket in Airbus suspension under dynamic loading conditions	Engineering Failure Analysis (Elsevier)	120	1	105087	2021	1350-6307
40	Francis Luther King M, Robert Singh G, Sanjeev Kumar R, Srinivasan V	Hardness and Surface Scratch Resistance of Basalt/Bagasse fibre Reinforced Poly Lactic Acid Polymer Composites	International Journal of Engineering Trends and Technology (IJETT) Volume	68	6	13-21	2020	2231-5381
41	Dr. R. Lalitha Narayana, Dr. K. Balaji, B. Srinivas,	Effect of Fin Height on Performance of Passive Solar Still in Indian Coastal	International Journal of Mechanical and	10	3	9913-9922	2020	2249-6890 (P) 2249-

	V. John Bunyan, N. Bulli Raju	Conditions	Production Engineering Research and Development					8001 (E)
42	Dr. K.Balaji, Dr. R. Lalitha Narayana, V. John Bunyan, N. Bulli Raju	Experimental Investigation of Friction Welding on Similar Al Plate and Tube	International Journal of Mechanical and Production Engineering Research and Development	10	3	1003 1- 1003 8	2020	2249- 6890 (P) 2249- 8001 (E)
43	G Robert Singh, S Christopher Ezhil Singh, M Sivapragash, Lenin Anselm, R Sanjeev Kumar, A Haiter Lenin	Tensile and compression behavior, microstructural characterization on Mg-3Zn-3Sn- 0.7Mn alloy reinforced with SiCp prepared through powder metallurgy method	Materials Research Express	7	10	1-10	2020	2053- 1591
44	M Francis Luther King, G. Robert Singh, L. John Baruch, V Srinivasan	Moisture Absorption and Biodegradation of Poly Lactic Acid Hybrid Composites	WAFEN-UND KOSTUMKUN DE JOURNAL	11	6	61-72	2020	0042- 9945
45	P. Satyanarayana Raju, Dr. A Gopichand, Ch. Harish Kumar	Design And Optimization of Sandwich Pipe For Deep Water Applications	International Journal of Engineering Trends and Technology	-	-	15-18	2020	2231- 5381



<b>DEPARTMENT OF CSE</b>								
46	P. Srinivasulu	A New Liver Disease Prediction Method Using SVM And Naive Bayes Algorithms	The International journal of analytical and experimental modal analysis	12	11	1-7	2020	0886 - 9367
47	Dileep Kumar Kadali	Finest Granularity of Cluster Crime Data using Structural Risk Minimization	Kala Sarovar (UGC Care Group-1 Journal)	23	2	255-259	2020	0975 - 4520
48	Dileep Kumar Kadali	Unsupervised based Crimes Cluster Data Using Decision Tree Classification	Solid State Technology (online Free Journal SCOPUS)	63	5	5387-5394	2020	0038 - 111X
<b>DEPARTMENT OF MCA</b>								
49	V.D.RATNA KUMAR	Server Less Architecture with Cloud Computing for today's	Sambodhi (UGC Care Journal)	-	-	24 - 29	2020	2249-6661
<b>DEPARTMENT OF S&amp;H</b>								
50	B. Vikram Babu, N. Gnana Praveena et al.	Microstructural and Electrical Properties of Mg Substituted Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> Synthesized by Ceramic Method	AIP Conference Proceedings	2269	-	030112	2020	0094 - 243X , 1551 - 7616

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S. N.	Author(s)'s Name	Title	Journal's Name	Volume	Issue	Page No.	Year	ISSN No.
<b>DEPARTMENT OF ECE</b>								
1	S. Saravanan, R.S. Dubey	Synthesis of SiO <sub>2</sub> Nanoparticles by Sol-Gel Method and Studies for their Optical and Structural Properties	Romanian Journal of Information Science and Technology (ROMJIST)	23	1	105-112	2020	1453 - 8245
2	R. S. Dubey, S. Saravanan	Study of Al-Doped and Al/N Co-Doped TiO <sub>2</sub> Nanoparticles for Dye-Sensitized Solar Cells	Journal of Materials & Environmental Science (JMES)	11	1	8-14	2020	2028 - 2508
3.	S. Saravanan, R. S. Dubey	One-Dimensional Photonic Crystals (Si/SiO <sub>2</sub> ) for Ultrathin Film Crystalline Silicon Solar Cells	Nanosystems: Physics, Chemistry, Mathematics	11	2	189-194	2020	2305 - 7971
4	S. Saravanan	Optical Pathlength Enhancement in Ultrathin Silicon Solar Cell using Decorated Silver Nanoparticles on Aluminium Grating	Nanosystems: Physics, Chemistry, Mathematics	11	1	86-91	2020	2305 - 7971
5	S. Saravanan, R. S. Dubey	Optical Characterization of Chemically Reduced Silver Nanoparticles for Dye Sensitized Solar Cells	Journal of Nano-and Electronic Physics	12	1	01009-1-4	2020	2022 - 6772
<b>DEPARTMENT OF MECH</b>								
6	P Satyanarayana Raju, Dr. A V N L Sharma, Dr. A Gopichand, Ch. Harish Kumar	Design and Optimization of Sandwich Pipe for Deep Water Applications	International Journal of Engineering Trends and Technology		Special Issue	15-18	2020	2231 - 5381

7	R Sanjeev Kumar, N Mathan Kumar, G Robert Singh	Hybrid Artificial Immune System Algorithm for SDST Flow Shop Scheduling with Due Date	Test Engineering and Management	83	Marc h- April 2020	3080-3088	2020	0193 - 4120
8	V. Rambabu, Dr. A. Gopichand, P. Satyanarayana Raju, CH. Harish kumar,	Design and analysis of sandwich pipe for different core shapes	International Research Journal of Engineering and Technology	6	8	557-564	2019	2395 - 0056
9	R Sanjeev Kumar, G Robert Singh, N Mathan Kumar	Solving SDST Flow shop Scheduling Problems using Hybrid Artificial Bee Colony Algorithms	International Journal of Recent Technology and Engineering (IJRTE)	8	4	6617-6622	2019	2277 - 3878
10	K. Jitendra, N.V.S. Shankar, Dr. H. Ravi Shankar, Dr. A. Gopichand	Effect of Moisture on Vibration Characteristics of SMA Particulate Reinforced Epoxy Matrix Composite	International Journal of Engineering Trends and Technology	67	6	66-69	2019	2231 - 5381
11	K.KrupaSravanthi, Dr. A. Gopichand	Fabrication and Static Analysis of Human Ear	International Journal of Research	8	6	4800-4806	2019	2236 - 6124
<b>DEPARTMENT OF CSE</b>								
12	Prabhakar K	A Predictive Analysis for Sales Forecasting in Imbalanced Grocery Retail Datasets using Various Machine Learning Algorithms	TEST Engineering and Management	83	1	3154-3163	2020	0193 - 4120
<b>DEPARTMENT OF EEE</b>								
13	J.Mahil, A.Anto Spiritus Kin gsy	Assist Devices for Heart and Pulmonary Inflammatory Patients using Real-Time Wireless Network Systems	International Journal of Test Engineering and Management	83	3	3199-3208	2020	0193 - 4120

14	A. AntoSpiritusKingsly, J. Mahil, N V RatnakishorGade	Hybrid Algorithm for Denoising of Vibrocardiographic Signals Using SavitzkyGolay Filter and Hilbert-Huang Transform	International Journal of Test Engineering and Management	82	1	2863-2870	2020	0193 - 4120
15	C. Sivapragash	An Energy Efficient Routing in Smart Grid Wireless Sensor Networks based on HSA-MPSO Algorithm	International Journal of Test Engineering and Management	83	3	3138 - 3153	2020	0193 - 4120
16	A. Satyanarayana, Madan Mohan, J.Mahil	A New Control Algorithm for UPQC for PQ Improvement	International Journal of Scientific Research in Engineering and Management	4	8	1-4	2020	2582 - 3930
17	J. Mahil, A. AntoSpiritusKingsly, A. AnbuMegelin Star	Computer-Aided Diagnosis for Detection of Iron Deficiency Anemia Based On Capsule Endoscopy	Journal of Xidian University	14	9	1414-1421	2020	1001 - 2400
18	Babji, J. Mahil, Rajkumar.K, Vijay Kumar.G, Pavan.M, Harsha.K	Comparative Performance Analysis of Dual Input Single Ended Primary Inductor Converter with PID and Fuzzy Logic Controller	International Journal of Scientific Research in Engineering and Management	4	6	1-7	2020	2582 - 3930
19	SatyanarayanaAdala, I.E.S. Naidu	An Optimal Allocation of losses and size in Power System Network with Dispersed Generation	International Journal of Innovative Technology and Exploring Engineering	9	2	130-133	2019	2278 - 3075
20	A. AntoSpiritusKingsly, J. Mahil	Effective Approach of Learning based Classifiers for Skin Cancer Diagnosis from Dermoscopy Images	International Journal of Advanced Science and Technology	28	20	1016-1026	2019	2005 - 4238

21	J. Mahil, A. Anto Spiritus Kingsly, Satyanarayana Adala	Hybrid Search Optimization Algorithms for the Security Constrained Unit Commitment Solution	International Journal of Engineering and Advanced Technology	8	6	3542-3547	2019	2249 - 8958
22	N. Satheesh Kumar, J. Mahil · A. S. Shiji · K. Paul Joshua	Detection of autism in children by the EEG behaviour using hybrid bat algorithm based ANFIS classifier	Circuits, Systems and Signal Processing Springer	39	13	674-697	2019	0278 - 081X
23	C. Sivapragash	Analysis on energy consumption in smart grid WSN using path operator calculus centrality based HSA-PSO algorithm	Soft Computing, Springer	24	1	10771-10783	2019	1432 - 7643
24	C. Sivapragash	Location-Based Optimized Service Selection for Data Management with Cloud Computing in Smart Grids	Energies	12	23	4517	2019	1996 - 1073
<b>DEPARTMENT OF IT</b>								
25	Dr. RVSV Prasad	A ML and NLP based Framework for Sentiment Analysis on Big data	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	9	4	189-200	2020	2278 - 3075
26	Ch Rama Krishna Raju	Credit Card Fraud Detection Using Machine Learning Techniques	International Journal of Management, Technology And Engineering	9	5	2739-2744	2019	2249 - 7455
27	Ch Rama Krishna Raju	A NOVEL APPLICATION ORIENTED BIG DATA ANALYTICS	The International journal of analytical and experimental modal analysis	11	11	3200-3207	2019	0886 - 9367

DEPARTMENT OF S&H								
28	N.N.V.Sakunthala W.Sridhar D.Sateesh Kumar G.Balaji Prakash	Hydro Magnetic Flow And Heat Transfer Of A Visco Elastic Fluid Over An Exponential Stretching Surface Through Porous Media: AnAnalytical Approach”	Test Engineering and Management (TEST)	82	1	15335-15340	2020	0193 - 4120
29	K.Prabhakar, S.Suresh Kumar P.PremDelphy	A Predictive Analysis for Sales Forecasting in Imbalanced Grocery Retail Datasets using Various Machine Learning Algorithms	TEST Engineering & Management	83	-	3154-3163	2020	0193 - 4120
30	GinjudipalliSrinivas arao	Enhanced production of g-valerolactone from levulinic acid hydrogenation-cyclization over ZrxCe1-xO2 based Cu catalysts	International Journal of Hydrogen Energy	45	50	26445-26457	2020	0360 - 3199
31	GnanaPraveenaNethala	An investigation on the conductivity, electric modulus and scaling behavior of electric modulus of barium titanate-lithium ferrite composite doped with Nb, Gd and Sm	Materials Chemistry and Physics	241	-	122347	2020	0254 - 0584
32	GinjudipalliSrinivas arao	Metal Phosphates: Preparation, Characterization and Catalytic Evolution for Vapour Phase Dehydration of Glycerol to Acrolein	Advanced Science, Engineering and Medicine	12	3	356-368	2020	2164 - 6635
33	T. Hymavathi, Saku ntala	Analytical Solution to MHD Flow and Heat , Transfer of Visco- Elastic Fluid through Porous Medium over Exponentially Stretching Sheet	International Journal of Computer and Mathematical Sciences	9	-	207-217	2019	2347 - 8527

34	B.Re.Victorbabu M. Ravindrababu	An Empirical Study On Second Order Rotatable Designs Under Intra Class Correlated Structure Of Errors Using A Pair Of Symmetrical Unequal Block Arrangements With Two Unequal Block Sizes	International journal, Agricult. Stat. Sci	15	1	-	201 9	0973 - 1903
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**RESEARCH PUBLICATIONS**  
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S. N.	Author(s)'s Name	Title	Journal's Name	Volume	Issue	Page No.	Year	ISSN No.
<b>DEPARTMENT OF ECE</b>								
1	K. S. Patil, P. H. Zope, U.T. Patil, P.D. Patil, R.S. Dubey, & G. R. Gupta	Synthesis and Thermophysical Studies of Polyanilines	Bulletin of Materials Science	42	24	1-9	2019	ISSN: 0973 - 7669
2	D. Pradeep & R. S. Dubey,	Experimental Investigation of Electrospun Titania Nanofibers: An Applied Voltage Influence	Materials Today: Proceedings	18	1	384-388	2019	2214 - 7853
3	M.Someshwara Rao, D. Pradeep, R.S. Dubey & S. Subbarao,	Experimental Study of Rutile Crystalline Phase Titania Nanoparticles via Chemical Route	Materials Today: Proceedings	18	1	402-405	2019	2214 - 7853
4	R.S. Dubey, K.V. Krishnamurthy, & S. Singh	Experimental Studies of TiO <sub>2</sub> Nanoparticles Synthesized by Sol-Gel and Solvothermal Routes for DSSCs Application	Results in Physics	14	102390	1-6	2019	2211 - 3797
5	S. Saravanan, R. S. Dubey	Optical and Structural Studies of ZnO Thin film Prepared by Electrodeposition Method	AIP Conference Proceedings	2117	-	020001-1-6	2019	0094 - 243X / 1551 - 7616
6	S. Saravanan, R. S. Dubey	Fabrication and Characterization of TiO <sub>2</sub> /SiO <sub>2</sub> Multilayers Using Sol-Gel Spin-Coating Method	Nanosystems: Physics, Chemistry, Mathematics	10	1	63-69	2019	2305 - 7971



7	Y. Venkatesh, R.S. Dubey, Brijesh Kumar	Morphological and Optical Properties of dielectric Multilayer Structures Prepared with Distinct Precursor Concentrations	Nanosystems: Physics, Chemistry, Mathematics	10	3	355-360	2019	2305 - 7971
8	R.S. Dubey, Someshwara Rao	Experimental Studies of Barium Titanate Nanofibers Prepared by Electrospinning	Nanosystems: Physics, Chemistry, Mathematics	10	3	355-360	2019	2305 - 7971
9	A. B. Krishna, M.V. S. rao, P.S.V.Subbarao, R.S.Dubey&, B.S. Diwakar	Fabrication and Characterization of Electrospun Barium Titanate and Polyvinyl Pyridine Composite Nanofibers	Materials Today: Proceedings	18	-	2142-2146	2019	2214 - 7853
10	S. Srialali, R.S. Dubey, L. Pappula	Synthesis & Study of Zinc Titanium Aluminate Nanoceramic Composite for Patch Antenna Application	IEEE Explore	-	-	1-3	2019	0018 - 3219
<b>DEPARTMENT OF MECH</b>								
11	Dr. K. VenkataSubbaiah, Mr. K. Balaji, Dr. K. Brahma Raju	High Temperature Oxidation and Corrosion studies on Dissimilar Weldments in Aggressive solution of a $\text{Na}_2\text{SO}_4\text{-V}_2\text{O}_5$ environment	International Research Journal of Engineering and Technology (IRJET)	6	1	1785-1789	2019	2395 - 0072 / 2395 - 0056
12	P. Rachana , B. Mahesh Krishna, Dr. A. Gopichand , P.S.S.S. Jagadeesh	Digital Fuel Volume Indicator in Motorbike	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	7	5	1175-1178	2019	2321 - 9653
13	N V S Shankar, Dr.H Ravi Shankar	Experimental Investigation into Heat Transfer during Swirl Jet Impingement	International Journal of Applied Engineering Research	13	7	4682-4687	2018	0973 - 4562

14	N.V.S. Shankar, Dr. A. Gopi Chand, K. Hanumantha Rao, K. Prem Sai	Low Cost Vibration Measurement and Optimization during Turning Process	Advanced Materials Research (AMR)	1148	-	103- 108	201 8	1662 - 8985
15	Konda Raja Kumar, Dr.P.Sreenivasulu, R.SamSukumar	Experimental Investigation on Diesel Engine Fueled with Corn Biodiesel Using CeO2 Nano-Particles	International Journal of Research(IJR)	7	8	1-12	201 8	2236 - 6124
16	S.Suchitra, G. Bhaskara Rao, R Sam Sukumar	Experimental Investigation of Mango Seed Bio Diesel with Iso butyl alcohol as Fuel Additive	International Journal of Research (IJR)	7	6	163- 173	201 8	2236 - 6124
17	K. Balaji, K. Brahma Raju, K. V. Subbaiah	An Oxidation Behavior of Dissimilar Weldments in the Presence of Molten Salts at 1123K	International Journal of Mechanical and Production Engineering Research and Development	8	5	7-12	201 8	2249 - 6890 / 2249 - 8001
18	BokkaHarita, Dr.A.Gopichand B. Mahesh Krishna	Fabrication and Impact Analysis of Femur Bone	International Journal of Engineering Development and Research	6	3	667- 674	201 8	2321 - 9939
19	B N Satya Durga, Dr. A Gopichand, N Sandeep	Optimization of friction stir welding parameters (tool material, tool geometry and tool speed) on aluminum alloys 6061 using taguchi method	Advanced research journals of science and technology (ARJST)	5	2	385- 407	201 8	-
20	Mr. K. Balaji , Dr. K. Brahma Raju, Dr. K. VenkataSubbaiah	Effect of Temperature on Corrosion Behavior of Dissimilar weldments of Inconel 718 Vs ASS 316 with mixer of sodium sulfate and vanadium pentoxide Deposit	International journal of Engineering and Technology, (UAE)	7	4	4862- 4865	201 8	2227 - 524X

21	K Michael Jai Kumar, N V S Shankar, K Sai Chandu V Sai Venkatesh	Bio-modeling and biomechanics of ilium and femur bones	International Journal of Mechanical Engineering and Technology	9	11	1-9	2018	0976 - 6340 / 0976 - 6359
<b>DEPARTMENT OF CSE</b>								
22	Dileep Kumar Kadali	Precise Vehicle Tracking Ways Exhausting Arduino	International Journal for Innovative Engineering and Management Research	07	12	245-249	2018	2456 - 5083
23	T. Veeramani	Automated Unmanned Military Tanker	Journal of Advanced Research in Dynamical and Control Systems	10	5	1552-1557	2018	1943 - 023X
24	Bomma Ramakrishna	Low-Cost Geo Distributed Data Centers with Big Data Process	Jour of Adv Research in Dynamical & Control Systems	10	7	394-397	2018	1943 - 023X
25	Saka Uma Maheswara Rao	Integration of Artificial Neural Networks for Stock Price Prediction	IJRECE	6	2	2199-2202	2018	2348 - 2281
<b>DEPARTMENT OF EEE</b>								
26	M. Subramanian, S. Subramaniyan, V. Moorthy, V. Jawalkar	Investigation of the impact of load balancing index on distribution system using adaptive weighted improved discrete particle swarm optimization	International Journal of Electrical Engineering	25	2	69-79	2018	0974 - 2158
27	K.S. Kadali, R. Loganathan, V. Moorthy and V. Jawalkar	Environmentally sustainable economic dispatch using grey wolves optimization	ARPJ Journal of Engineering & Applied Sciences	13	6	2068-2079	2018	1819 - 6608

28	B. Subramaniam, M. Sarath	Control of three phase grid connected photovoltaic systems using cascaded modular multilevel converters	International journal of pure and applied mathematics	118	15	341-352	2018	314-3395
29	D. Nataraj, R. Loganathan, V. Moorthy, and V. Jawalkar	Optimizing Radial Distribution System for Minimizing Loss Reduction and Voltage Deviation Indices Using Modified Grey Wolf's Algorithm	International Journal of Intelligent Engineering and Systems	11	6	177-189	2018	2185 - 310X
<b>DEPARTMENT OF IT</b>								
30	Sk Ahmad Mohiddin	Cyber Defense Using Artificial Intelligence	International Journal of Research and Analytical Reviews	6	1	184-188	2019	2348 - 1269 / 2349 - 5138
31	Sk Ahmad Mohiddin	Information Retrieval Keyword Based Nearest Neighbor with Location and Query Privacy Mechanism	International Journal of Research	8	1	1119-1123	2019	2236 - 6124
32	R. Hemalatha	Cyber Defense Using Artificial Intelligence	International Journal of Research and Analytical Reviews	6	1	184-188	2019	2348 - 1269 / 2349 - 5138
33	P. Sunanda	Information Retrieval Keyword Based Nearest Neighbor with Location and Query Privacy Mechanism	International Journal of Research	8	1	1119-1123	2019	2236 - 6124

34	JNSS Janardhana Naidu	A Robust analysis of Cloud Computing Framework with Machine Learning Intentions for Industrial Applications	International Journal of Research	5	16	547-555	2018	2348 - 6848 / 2348 - 795X
<b>DEPARTMENT OF MBA</b>								
35	T. Lokeswara Rao	Machine Learning Algorithms Towards financial services & analysis and fraud deduction	JETIR 220759	1	-	-	2019	2349 - 5162
36	T.Lokeswara Rao	"Intellectual Property & Artificial Intelligence" Towards Fraud Deduction. Article	International Journal of Advanced Research (IJAR)	-	-	20-23	2019	2320 - 5407 7 (2)
37	O.V.A.M. Sridevi	Impact of Demographics on Investment Avenues Awareness:An Empirical Study with Reference to the Selected Andhra Pradesh	International Journal of Applied Financial Management Perspectives	8	1	3389-3397.	2019	2279 - 0896 / 2279 - 090X
38	O.V.A.M. Sridevi	Dynamics of Savings and Investment of Working Women:A Review of Literature"	Dynamics of Savings and Investment of Working Women: A Review of Literature	6	2	383-398	2019	2348 - 1269 / 2349 - 5138
39	O.V.A.M. Sridevi	Managerial Efficiency Analysis – A Comparative Study on Selected Public Sector and Private Sector Banks in India	International Journal of Management Studies(IJMS)	5	3(9)	44-54	2018	2231 - 2528
40	O.V.A.M. Sridevi	Dynamics of digital payments in India – A Statistical analysis	EPRA International Journal of Economic and Business Review	6	7	53-58	2018	2347 - 9671

41	O.V.A.M. Sridevi	Working Capital and Liquidity Performance of Cement Companies - An Empirical Analysis	International Journal of Business and Management Invention	7	8 Ver(I)	54-60	2018	2319 - 028/2319 - 801X
42	O.V.A.M. Sridevi	Volatility of Bitcoin returns (A Comparative study between of Sensex Returns and Bitcoin Returns)	International journal of basic and applied research	8	9	388-396	2018	2249 - 3352 / 2278 - 0505 )
43	O.V.A.M. Sridevi	Organic farming in India: problems and prospects”	GEC’s International Journal of Innovation in Technology and Management	6	1	6-10	2018	2394 - 594X
44	O.V.A.M. Sridevi	Pradhan Mantri Jan DhanYojayana: A Comprehensive orchestration tool towards Financial Inclusion	International Journal for Research in Engineering Application & Management	4	9	324-332	2018	2454 - 9150
45	O.V.A.M. Sridevi	Capital Structure and its impact on Profitability of IFCI ltd :An Empirical Analysis	International Research Journal of Latest Engineering and Management Research	3	6	84-90	2018	2455 - 4847
46	O.V.A.M. Sridevi	Performance Analysis of Mutual Funds-A Study on Selected Mid Cap and Small Cap Funds	International Journal of Business and Management Invention (IJBMI)	7	7 Ver (II)	06-12	2018	2319 - 8028
47	S. ShyamSundar	Weird and Wacky Madurai of Tourists' Problems	Pacific Business Review International	4	7	133-135	2018	0974 - 438X

**DEPARTMENT OF S&H**

48	U Nanababu	A facile green synthesis of silver nanoparticles: An investigation on catalytic hydroxylation Studies for efficient conversion of aryl boronic acids to phenol	Journal of Saudi Chemical Society	23	-	711-717	2019	1319 - 6103
49	GnanaPraveenaNethala	Influence of Cr on structural, spectroscopic and magnetic properties of CoFe <sub>2</sub> O <sub>4</sub> grown by the wet chemical method	Materials Chemistry and Physics	238	-	121903	2019	0254 - 0584
50	GinjudipalliSrinivasa Rao	A comparative study on vapour phase glycerol dehydration over different tungstated metal phosphate acid catalysts	New Journal of Chemistry	43	43	16860-16869	2019	1144 - 0546
51	U. Nanababu	Synthesis & characterization of biologically active Gigantic swallow-wort mediated silver nanoparticles	Materials Today: Proceedings	18	-	2102-2106	2019	2214 - 7853
52	T.Hymavathi N.N.V.Sakunthala	Analytical Solution To MHD Flow And Heat Transfer of Visco-Elastic Fluid over an Exponentially Stretching Sheet In Porous Media With Viscous Dissipation	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	9	4	207-218	2019	2249 - 6890
53	T.Hymavathi N.N.V.Sakunthala	Analytical Solution To MHD Flow And Heat Transfer of Visco-Elastic Fluid over an Exponentially Stretching Sheet In Porous Media With Viscous Dissipation	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	9	4	207-218	2019	0976 - 6340

54	U. Nanababu	Synthesis And optical Characterization of Luminesent ZnO NP's using Tinospora Crispa stem- A green pesspective.	Rasayan Journal of Chemistry	11		1587-1593	2018	0974 - 1496
55	GinjudipalliSrinivasa Rao	Acetalization of glycerol with acetone over various metal-modified SBA-15 catalyts	Applied Petrochemical Research	8	-	107-118	2018	2190 - 5525
56	V Swaminadham	Structural, photo catalytic and optical applications of biologically synthesized silver nanoparticles	Materials Today: Proceedings	5	-	25823-25831	2018	2214 - 7853
57	GinjudipalliSrinivasa Rao	Porous zirconium phosphate solid acid catalyts with variable Zr/P ratio for gas phase glycerol dehydration to acrolein	Materials Today: Proceedings	5	12	25773-25781	2018	2214 - 7853
58	GnanaPraveenaNethala	Investigation on structural, magnetic and mossbauer properties of cerium doped with strontium ferrite	Physica B: Condensed Matter	550	-	136-144	2018	0921 - 4526
59	P.L.R.Kameshwari , V.S. Bhagavan	Generating Relations Of Two Variable Generalized Hypergeometric Polynomial In(A,B;X,Y) By Lie-Group-Theoretic Method	Journal Of Adv. Research In Dynamical & Control Systems	7	-	413-420	2018	1943 - 023X
60	P.L. Rama Kameshwari, V.S. Bhagavan	Some Generating functions of Generalized hypergeometric 2D polynomials by lie group theoretic method	International Journal of pure and applied Mathematics	119	11	403-411	2018	1311 - 8080



61	G.R. Gajula, L.R. Buddiga, Ch. Arun Kumar, K.N. Chidambara Kumar, G.P. Nethala, M.Dasari	Studies on structural, dielectric, conductivity, magnetic and magneto-electric properties of barium titanate doped with lithium ferrite	Physica B: Condensed Matter	543	-	38-45	2018	0921 - 4526
62	M. Ravindrababu B.Re.Victorbabu	An Empirical Study on Second Order Rotatable Designs Under Intra Class Correlated Structure of Errors Using a Pair of Balanced Incomplete Block Designs	International journal, Agricultural Stat.Sci.	14	2	775-779	2018	0973 - 1903
63	T. Hemavathi, N.N. Sakuntala	An Analytical Solution To Mhd Flow And Heat Transfer Of Visco-Elastic Fluid Over An Exponentially Stretching Sheet Through Porous Media With Non-Uniform Heat Source/Sink	International Journal of Mechanical and Production Engineering Research and Development	8	-	1123-1134	2018	2249 - 8001
64	P.L.RamaKameswari V.S.Bhagavan	Certain Generating Functions of Generalized Hypergeometric 2D polynomials from Truesdell's Method	Italian journal of pure and applied mathematics	40		277-285	2018	2239 - 0227
65	N.N.V.Sakunthala T.Hymavathi B.Akkaya	Analytical solution to heat and mass transfer of MHD Flow of Visco-Elastic Fluid over an exponentially stretching sheet through porous medium	International Journal of Pharmacy & Technology	10		31319 - 31334	2018	0975 - 766X

66	G. G. Rao, B.L. Rekha, Ch. A Kumar, K.N. C Kumar, N. GnanaPraveena, D. M.Prasad	Studies On Structural, Dielectric, Conductivity, Magnetic And Magnetolectric Properties of Barium Titanate Doped With Lithium Ferrite	Physica B: Condensed Matter	543	-	38-45	2018	0921 - 4526
67	GnanaPraveenaNethala	Dielectric and impedance properties of Li <sub>0.5</sub> Fe <sub>2.5</sub> O <sub>4</sub> doped BaTiO <sub>3</sub> composite ceramics	Results in Physics	11	-	899-904	2018	2211 - 3797
68	GnanaPraveenaNethala	Correlation between structural, magnetic and spectroscopic properties of Mg substituted CoFe <sub>2</sub> O <sub>4</sub>	Materials Science-Poland	36	-	310-319	2018	2083 - 1331

**RESEARCH PUBLICATIONS**  
(WoS/SCI, Scopus Indexed & UGC-CARE List)  
Academic-year (2017-18)

S. N.	Author(s)'s Name	Title	Journal's Name	Volume	Issue	Page No.	Year	ISSN No.
<b>DEPARTMENT OF ECE</b>								
1	R. S. Dubey	Temperature Dependent Phase Transformation of TiO <sub>2</sub> Nanoparticles Synthesized by Sol-Gel Method	Materials Letters	215	-	312-317	2018	0167 - 577X
2	S. Saravanan, R.S. Dubey	Enhancement of Ultrathin Amorphous Silicon Solar Cell Performance Using Dual Gratings	European Journal of Advances in Engineering & Technology	5	2	113-117	2018	2394 - 685X
3	R. S. Dubey, V. Ganesan	Visible and near-infrared wavelength-selective dielectric reflectors for light management applications	Superlattices and Microstructures	122	-	228-234	2018	0749 - 6036
4	S. Rajyalakshmi, R.S. Dubey, K.R. Rao	ESR and Energy Band Gap Studies of ZnO Nano Particles	AIP Conference Proceedings	1992	-	040025 - 040031	2018	0094 - 243X / 1551 - 7616
5	M.V.Someswararo, R.S. Dubey, P.S.V. Subbarao&Shyam Singh	Electrospinning Process Parameters dependent Investigation of TiO <sub>2</sub> Nanofibers	Results in Physics	11	-	223-231	2018	2211 - 3797
<b>DEPARTMENT OF MECH</b>								
6	N. Pavan Kumar, Dr. A. Gopichand, K. Jitendra, J.V.L.D. Prasad	Pelton Turbine – A Review	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	6	3	2536-2540	2018	2321 - 9653

7	Nadipudi R U D M Deepika, Dr.P.Srinivasalu, R. Sam Sukumar	Performance and emission analysis of Calophylluminophyll um biodiesel using Isobutanol as additive	International journal of current engineering and scientific research (IJCESR)	5	3	29-36	201 8	2393 - 8374
8	N Pavan Kumar, N.V.S.Shankar, V S S N Prasad Reddy	Performance of a Compressed Air Engine	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	6	4	2456- 2465	201 8	2321 - 9653
9	R. Lalitha Narayana, V. Ramachandra Raju	Experimental study on performance of passive and active solar stills in Indian coastal climate condition	Frontiers in Energy	14	1	105- 113	201 8	2095 - 1698 / 2095 - 1701
10	R. Lalith Narayana, V. Ramachandra Raju	Experimental Investigation Of A Passive Solar Still With And Without Tetrahedral Sponge In Basin	International Journal of Ambient Energy	40	3	285- 291	201 7	2162 - 8246 / 0143 - 0750
11	R. Lalith Narayana, V. Ramachandra Raju	Effect of flat plate collectors in parallel on the performance of the active solar still for Indian coastal climatic conditions	International Journal of Ambient Energy	40	2	203- 211	201 7	2162 - 8246 / 0143 - 0750
<b>DEPARTMENT OF CE</b>								
12	M.S.V.K.V Prasad	Students Ideology About Occurrence Of Earthquake A Survey Conducted In a Polytechnic College In Andhra Pradesh	IOSR	6	01	01-06	201 8	2321 - 0982
13	A. Venkata Krishna	SBR Latex Based Hybrid Fiber Reinforced Concrete	SSRG-IJCE	4	5	89-95	201 7	2348 - 8352

14	A. Venkata Krishna	Performance of Hardened Properties of light aggregate (Pumice) by using M25 Grade Concrete	SSRG-IJCE	4	5	103-111	2017	2348 - 8352
15	M.S.V.K.V Prasad	GIS based ground water quality index (WQI) in southern parts of West Godavari district, Andhra Pradesh, INDIA	ISSN	3	11	678-686	2017	2349 - 6185
16	K. Siva	A study on the use of DWP inclusions in quarry dust & lime blended weak marriage clay as a landfill material	IJSART	3	4	349-352	2017	2395 - 1052
17	Ch. Prasanthi	Experimental Study On Geopolymer Motor With Marble Powder Under High Temperature	IJSRSET	3	3	249-254	2017	2394 - 4099
18	P.Sowjanya	Performance Of Recycled Aggregate Concrete For M 40 Grade	IRJET	4	5	1240-1244	2017	2395 - 0056
19	P. ArunaKumari	Geo & Bio Polymers In Stabilizing Expansive Dispersive Soils	IJIEMR	6	3	375-387	2017	2456 - 5083
20	K Ramya	A study on soil-stabilization using cement and plastic fibers	JoGE	4	2	1-8	2017	2394 - 1987
21	GVLN Murthy	Temperature attack on high strength concrete	SSRG-IJCE	4	5	97-102	2017	2348 - 8352
22	GVLN Murthy	Effect of flyash and Silica fumes on compression and fracture behavior of concrete	SSRG-IJCE	4	5	70-74	2017	2348 - 8352

23	GVLN Murthy	Comparative study on strength parameters for M25 grade conventional concrete with recycled aggregate concrete	SSRG-IJCE	4	5	75-81	2017	2348 - 8352
24	GVLN Murthy	Use of M-sand as a replacement of Cement and Fine Aggregate	SSRG-IJCE	4	5	112-118	2017	2348 - 8352
25	A. Venkata Krishna	A Study on Replacement of Cement with fly ash , silica fume and addition of Steel slag in concrete	SSRG-IJCE	4	5	82-88	2017	2348 - 8352
<b>DEPARTMENT OF CSE</b>								
26	SudhakarGodi	Novel Security Issues and Mitigation Measures in Cloud Computing - Indian perspective	International Journal of Computer Applications in Technology	8	1	1-34	2018	1741 - 5047
27	Pemmani Samba Siva Raju	Storage and Retrieval of Secure information in the Cloud Systems	Journal of Advanced Research in Dynamical and Control Systems	10	9	773-778	2018	1943 - 023X
<b>DEPARTMENT OF EEE</b>								
28	V. Moorthy, P. Sangameswararaju, J. Henry	Artificial bee colony algorithm for solving bi-objective hydrothermal scheduling with practical constrains	APRN Journal of Engineering and Applied Sciences	12	6	6-14	2017	1819 - 6608
29	KalyanSagarKadali, L. Rajaji, V. Moorthy, J. Viswanatharao	Economic generation schedule on thermal power system considering emission using grey wolves optimization	Energy Procedia	117	-	509-518	2017	1876 - 6102

30	B. Subramaniam, M. Sarath	Control of three phase grid connected photovoltaic systems using cascaded modular multilevel converters	International journal of pure and applied mathematics	118	15	341-352	2018	1314 - 3395
31	K.S. Kadali, R. Loganathan, V. Moorthy, V. Jawalker	Environmentally sustainable economic dispatch using grey wolves optimization	ARPJ Journal of Engineering & Applied Sciences	13	6	2068-2079	2018	1819 - 6608
32	M. Subramaniam, S. Subramaniam, V. Moorthy, V. R. Jawalker	Optimal reconfiguration/ distributed generation integration in distribution system using adaptive weighted improved discrete particle swarm optimization	COMPEL - The international journal for computation and mathematics in electrical and electronic engineering,	38	1	247-262	2018	0332 - 1649
33	M. Subramanian, S. Subramaniam, V. Moorthy, V. Jawalker	Investigation of the impact of load balancing index on distribution system using adaptive weighted improved discrete particle swarm optimization	International Journal of Electrical Engineering	25	2	69-79	2018	0974 - 2158
34	D.P. Garapati, V.J. Jegathesan, V. Moorthy	Minimization of power loss in newfangled cascaded H-bridge multilevel inverter using in-phase disposition PWM and wavelet transform based fault diagnosis	Ain Shams Engineering Journal	9	4	1381-1396	2018	2090 - 4479
35	Moorthy. V	Adaptive Weighted Improved Discrete Particle Swarm Optimization for Minimizing Load Balancing Index in Radial Distribution Network	International Journal of Intelligent Engineering and Systems	10	6	125=133	2017	2185 - 310X

36	Moorthy, V	Fuzzy Satisfied Multi-objective Distribution Network Reconfiguration: an application of Adaptive Weighted Improved Discrete Particle Swarm Optimization	International Review on Modeling and Simulations	10	4	247-257	2017	247-257
37	Moorthy. V, Sangameswara Raju. P and Joseph Henry	A Statistical Analysis of Ranking Artificial Bee Colony Algorithm for Solving Bi-Objective Hydrothermal Scheduling Problem	Middle East Journal of Scientific Research	25	2	203-216.	2017	1990 - 9233
38	MoorthyVeerasa my, Sangameswararaju P, Joseph Henry	Cost Effective Hydrothermal Scheduling with Practical Constraint Using Artificial Bee Colony Algorithm	Indian Journal of Science and Technology	10	16	1-10	2017	0974 - 5645



**RESEARCH PUBLICATIONS**  
(WoS/SCI, Scopus Indexed & UGC-CARE List)  
Academic-Year (2016-17)

S. N.	Author(s)'s Name	Title	Journal's Name	Volume	Issue	Page No.	Year	ISSN No.
<b>DEPARTMENT OF ECE</b>								
1	R. S. Dubey, V. Ganesan	Reflectance modulation using SiO <sub>2</sub> /TiO <sub>2</sub> multilayer structures prepared by sol-Gel Spin Coating process for Optical Applications	Superlattices and Microstructures	111	-	1099-1103	2017	0749 - 6036
2	R.S. Dubey, V. Ganesan	Fabrication and Characterization of TiO <sub>2</sub> /SiO <sub>2</sub> based Bragg Reflectors for Light Trapping Applications	Results in Physics	7	-	2271-2276	2017	2211 - 3797
3	R.S. Dubey, S. Saravanan	Light Trapping Enhancement in Thin Film Silicon Solar Cell with Different Back Reflector	International Journal of Electrical Components and Energy Conversion	3	5	83-87	2017	2469 - 8059
4	D. Pradeep, R. S. Dubey	Experimental study of Electrospun TiO <sub>2</sub> Nanofibers	International Research Journal of Engineering and Technology	4	9	1082-1084	2017	2395 - 0056
5	V. G. VasaviDutt, R. S. Dubey	Study of Structural and Optical Properties of Zinc-doped Titanium Dioxide Nanoparticles	Mechanics, Materials Science & Engineering	9	1	1-5	2017	2412 - 5954
6	S. Saravanan, R. S. Dubey & S. Kalainathan	Modeling and Simulation of Dual Gratings based Ultrathin Amorphous Silicon Solar Cells	Mechanics, Materials Science & Engineering	9	1	1-5	2017	2412 - 5954
7	R. Ajay Kumar, R. S. Dubey, V. Ganesan	Reflection Enhancement Using TiO <sub>2</sub> /SiO <sub>2</sub> Bilayer Films Prepared by Cost-Effective Sol-	Mechanics, Materials Science & Engineering	10	1	28-31	2017	2412 - 5954

		gel Method						
8	S. Saravanan, R.S. Dubey	Grating Influence study of GaAs Solar Cell structures	Nanosystems: Physics, Mathematics, Chemistry	8	4	503-507	201 7	2305 - 7971
9	R. S. Dubey, S. Singh	Investigation of structural and optical properties of pure and chromium doped TiO <sub>2</sub> nanoparticles prepared by Solvothermal method	Results in Physics	7	-	1283- 1288	201 7	2211 - 3797
10	S. Saravanan, R.S. Dubey, S. Kalainathan	Analytical Study of Plasmonic Effect in Ultrathin Film Silicon Solar Cells	Journal of Optoelectronic s and Advanced materials	19	3-4	173-177	201 7	1454 - 4164
11	R. S. Dubey, K. Jhansirani, S. Singh	Investigation of Solar Cell Performance using Multilayer Thin Film Structure (SiO <sub>2</sub> /Si <sub>3</sub> N <sub>4</sub> ) and Grating	Results in Physics	7	-	77-81	201 7	2211 - 3797
12	YBRD. Rajesh, R.S. Dubey	Synthesis and Characterization of Ag doped Nanofibers and their anti- quorum Sensing Activity	Journal of Applied Chemistry	5	2	1-5	201 7	2348 - 0408
13	D. Sunil, R.S. Dubey	Modeling and Simulation of Plasmonic Thin Film GaAs Solar Cells Using Rigorous Coupled Wave Analysis Method	International Journal of Recent Engineering Research and Development	2	8	5-9	201 7	2455 - 8761
14	YBRD. Rajesh, R.S. Dubey	Synthesis, Characterization And Antibacterial Activity of Ag-Doped TiO <sub>2</sub> Nanofibers Via Electrospinning	International Journal of advanced Research	4	11	1808- 1812	201 7	2320 - 5407

**DEPARTMENT OF MECH**

15	K Hanumantha Rao, Dr.A. Gopichand, N Pavan Kumar, K Jitendra	Optimization of Machining Parameters In Friction Drilling Process	International Journal of Mechanical Engineering and Technology	8	4	242-254	2017	0976 - 6340
16	Y Chandra Sekar. Dr.A. Gopichand, R Sam Sukumar, N Pavan Kumar	Optimization of Surface Roughness of 6463 Aluminium Alloy and Brass Materials in CNC Milling Operation Using Taguchi's Design	International Journal of Innovative Research in Science, Engineering and Technology	6	2	1553-1560	2017	2347 - 6710
17	N V S Shankar	Feature Based Tool Path Generation System for FDM	International Journal of Engineering Research & Science	3	1	39-44	2017	2395 - 6992
18	N V S Shankar, D V N Prabhakar	Effect of Twisted Tape Insert On Heat Transfer During Flow Through A Pipe Using CFD	International Journal of Engineering Research & Science	3	5	58-63	2017	2395 - 6992
19	D Bhanu Prakash G.Krishnaiah	Optimization Of Process Parameters Using Ahp And Vikor When Turning AISI 1040 Steel With Coated Tools	International Journal of Mechanical Engineering and Technology	8	1	241-248	2017	0976 - 6340
20	D Banu Prakash, G Krishnaiah, N V S Shankar	Optimization of Process Parameters Using AHP and TOPSIS When Turning AISI 1040 Steel with Coated Tools	International Journal of Mechanical Engineering and Technology	7	6	483-492	2016	0976 - 6340
21	D Banu Prakash, G Krishnaiah, N V S Shankar	Optimization of Process Parameters using Taguchi Techniques when Turing AISI 1040 Steel with Coated Tools	International Journal of Mechanical Engineering and Technology	7	6	114-122	2016	0976 - 6340

22	VivekParasa, A. Gopichand, N V S Shankar, K Hanumantha Rao	Fabrication of Low Cost Prosthetic Arm with Foamed Fingers	International Journal Of Engineering Research & Science	2	10	47-50	201 6	2395 - 6992
23	K. Mohan Prasad, P.Sreenivasulu, R. Samsukumar, N. Pavankumar	Experimental evaluation for the performance of a Ponagamia bio- diesel by dual fuel operation	International Journal of Research	7	8	767-783	201 6	2236 - 6124
<b>DEPARTMENT OF CSE</b>								
24	Dileep Kumar Kadali	Intensification of Home Automation using IoT	Journal for Research	3	1	97-102	201 7	2395 - 7549
25	Saka Uma Maheswara Rao	Investigating of Data Mining with Big Data	IJSETR	5	40	8398- 8400	201 6	2319 - 8885
26	TulasirajuNethala	Temporal Query Relevance Based Data Summarization for Evaluating Tweet Data Streams	International Journal of Applied Sciences, Engineering and Management	5	5	118-124	201 6	2320 - 3439
27	Saka Uma Maheswara Rao	Generating Efficiency and Robustness Dynamic Query Forms for Advanced Database Queries	IJRIT	4	4	42-51	201 6	2001 - 5569
28	Saka Uma Maheswara Rao	Generating Efficiency and Robustness Dynamic Query Forms for Advanced Database Queries	IJRIT	4	9	42-51	201 6	2001 - 5569
29	Dileep Kumar Kadali	Cluster Optimization for Similarity Process Using De- Duplication	IJSRD - International Journal for Scientific Research & Development	4	6	830-832	201 6	2321 - 0613
<b>DEPARTMENT OF EEE</b>								

30	D.P. Garapati, V.J. Jegathesan, V. Moorthy	Minimization of power loss in newfangled cascaded H-bridge multilevel inverter using in-phase disposition PWM and wavelet transform based fault diagnosis	Ain Shams Engineering Journal	9	4	1381-1396	2017	2090 - 4479
31	V. Moorthy, P. Sangameswararaju & J. Henry	Artificial bee colony algorithm for solving bi-objective hydrothermal scheduling with practical constraints	APRN Journal of Engineering and Applied Sciences	12	6	6-14	2017	1819 - 6608
<b>DEPARTMENT OF MBA</b>								
32	O.V.A.M. Sridevi	Liquidity and Volatility on Bombay Stock Exchange (An Evidence Of The Impact Of Surgical Strike By The Indian Army)	International Research Journal of Management Science and Technology (IRJMST)	8	8	264-272	2017	2250 - 1959
33	O.V.A.M. Sridevi	Choice based Credit System in India: A Critical Evaluation	International Journal of Academic Research(IJAR)	3	2(2)	77-83	2016	2348 - 7666
34	S. ShyamSundar	Home for Homeless through IAY Scheme	PARIPEX - Indian Journal of Research	4	7	110-111	2016	2250 - 1991
35	S. ShyamSundar	An Empirical Investigation of Tourist Satisfaction of the Athens of the East (Madurai)	International Journal of Advanced Research in Management and Social Sciences	5	4	330-335	2016	2278 - 6236
36	S. ShyamSundar	Exploring Tourist's Awareness and Destination Loyalty in Madurai	International Journal of Research in Economics and Social Sciences	6	4	236-245	2016	2249 - 7382
37	S. ShyamSundar	Problems and Prospects of Tourism Entrepreneurs in Madurai	International Journal of Scientific Research	5	6	219-220	2016	2277 - 8179
38	S. ShyamSundar	Problems Faced by the Tourism Entrepreneurs in Madurai-	Pacific Business Review International	1	4	102-105	2016	0974 - 438X

39	S. ShyamSundar S. ShyamSundar	An Empirical Investigation of Tourist Satisfaction of the Athens of the East (Madurai)	International Journal of Advanced Research in Management and Social Sciences	11	1	25-29	2016	2278 - 6236
<b>DEPARTMENT OF S&amp;H</b>								
40	HymavathiTalla, N.N.V.Sakunthala	Analytical Solution to MHD Flow and Heat Transfer of Visco-elastic fluid through Porous Medium over Exponentially Stretching Sheet	International Journal of Computer & Mathematical Sciences	6	11	134-141	2017	2347 - 8527
41	V Swaminadham	Magnetic properties of Nano-multiferroic materials	J. Magnetism and Magnetic Materials	442	-	453-459	2017	0304 - 8853
42	S. D. Bhagavathula, V. Kokkarachedu D. Q. Acuna V. Swaminadham R.Venu	Insight of electrical behaviour in ferroelectric semiconductor polymer nanocomposites films of PVDF/ZnSe and PVDF/Cu:ZnSe	Journal of Applied Polymer Science	134	-	44983	2017	0021 - 8995
43	P.L. Rama Kameswari and V.S. Bhagavan	Bilateral generating functions involving generalized hypergeometric polynomials of two variables	Indian Journal of Science and Technology	10	-	1-5	2017	0974 - 6846
44	P.L. Rama Kameswari, V.S. Bhagavan	Generating functions for two variable legendre polynomial by truesdell method	International Journal of Pure and Applied Mathematics	113	6	156-164	2017	1311 - 8080
45	P.L. Rama Kameswari, V.S. Bhagavan	Group Theoretic Generating Functions of generalized Hyper geometric 2D Polynomials	International journal of pure and applied mathematics	113	6	147-155	2017	1311 - 8080
46	P.L. Rama Kameswari, V.S. Bhagavan	Certain Generating Functions of Generalized Hyper geometric 2d Polynomials From	International journal of pure and applied mathematics	115	1	59-66	2017	1311 - 8080

		Lie -Group						
47	Ginjunpalli Srinivasa Rao	Preparation and Characterization of SBA-15-Supported Vanadia Catalysts for Ammoxidation Reaction	Advanced Porous Materials	5	-	76-85	2017	2327 - 3941
48	K. Koteswara Rao	Optical and Luminescent Properties of Ni <sup>2+</sup> Doped PVA CAPPED CDTE NANO Particles	Rasayan. J. Chem	10	-	904-909	2017	0974 - 1496
49	Jagan Mohan, R.N.V.	Angle Oriented Based Image Analysis Using L-Axial Semi-Circular Model	Asian Journal of Mathematics and Computer Research	1	-	6-9	2016	2395 - 4205

**RESEARCH PUBLICATIONS**  
(WoS/SCI, Scopus Indexed & UGC-CARE List)  
Academic Year (2015-16)

S. N.	Author(s)'s Name	Title	Journal's Name	Volume	Issue	Page No.	Year	ISSN No.
<b>DEPARTMENT OF ECE</b>								
1	K. Jhansirani, R. S. Dubey, M.A. More & Shyam Singh	Deposition of silicon nitride films using chemical vapor deposition for photovoltaic applications	Results in Physics	6	-	1059-1063	2016	2211 - 3797
2	S. Saravanan, T. Krishna Teja, R. S. Dubey & S. Kalainathan	Design and analysis of GaAs thin film solar cell using an efficient light trapping bottom structure	Materials Today: Proceedings	3	-	2463-2467	2016	2214 - 7853
3	S. Saravanan, R. S. Dubey & S. Kalainathan	Effect of diffracting grating on the performance of thin film silicon solar cells	Materials Today: Proceedings	3	-	2284-2288	2016	2214 - 7853
4	S. Saravanan & R. S. Dubey	Optical absorption enhancement in 40 nm ultrathin film silicon solar cells	Optics Communication	377	-	65-69	2016	0030 - 4018
5	K. Jhansirani, V. H.K.Srirama & R. S. Dubey	Characterization of Chemical Vapor Deposited TEOS based SiO <sub>2</sub> Films for Photonic Devices	Material Science	22	1	7-10	2016	2029 - 7289
6	P. Sunil Kumar & R.S. Dubey	Experimental Study of Electrochemically Prepared Porous Silicon Antireflective Material in Solar Cells	International Research Journal of Engineering & Technology	3	2	511-514	2016	2395 - 0056
7	S. Saravanan, R. S. Dubey, S. Kalainathan, M. A. More and D. K. Gautam,	Design and Optimization of Ultrathin Crystalline Silicon Solar Cells using an Efficient BackReflector	AIP Advances	5	-	057160-1-9	2015	2158 - 3226
8	S. Saravanan, R. S. Dubey & S. Kalainathan	Design and Analysis of Thin Film Silicon Solar Cells Using	Procedia Materials Science	10	-	301-306	2015	2211 -



		FDTD Method						8128
9	S. Saravanan, R. S. Dubey & S. Kalainathan,	Design and analysis of thin film based silicon solar cells for efficient light trapping	Springer Proceedings in Physics	2	17	129- 134	201 5	0930 - 8989
10	R. S. Dubey, Y. B. R. D. Rajesh, M. A. More	Synthesis and Characterization of SiO <sub>2</sub> Nanoparticles via Sol-gel Method for Industrial Applications	Materials Today: Proceedings	2	4-5	3575- 3579	201 5	2214 - 7853
11	S. Saravanan, R. S. Dubey, & S. Kalainathan	Performance Investigation of Silicon Solar Cells using Grating based Back Reflector	Materials Today: Proceedings	2	-	3593- 3597	201 5	2214 - 7853
12	K. Jhansirani, R. S. Dubey, & Y. B. R. D. Rajesh	Synthesis and Characterization of TiO <sub>2</sub> Nanocrystalline Particles via Chemical Co- Precipitation Method for DSSCs	Journal of Applied Chemistry	3	4	1-8	201 5	2348 - 0408
<b>DEPARTMENT OF MECH</b>								
13	Satya Kiran O N V, Dr.A. Gopichand, Mahesh Krishna B, P S N Raju	Impact and Strength Analysis of All-Steel Sandwich Structures for Different Core Shapes	International Journal Of Engineering Trends and Technology	32	2	106- 112	201 6	2231 - 5381
14	U Satish Naidu, G.Venkateswara Rao, R.SamSukumar, M. Muralidhara Rao	Performance and emission Analysis of Pongamia Biodiesel on VCR Engine varying Injection Pressure	International Journal Of Mechanical Engineering And Computer Applications	4	1	215- 217	201 6	2320 - 6349
15	Abdul Azeez, Dr.A. Gopichand, N V S Shankar, K Hanumantharao	A Novel Prosthetic Hand Support for Physically Disabled	International Journal Of Engineering Trends and Technology	29	6	295- 298	201 5	2231 - 5381
16	V.RamachandraRa ju, R. Lalith Narayana	Effect of flat plate collectors in series on performance of active solar still for Indian coastal climatic condition	Journal of King Saud University – Engineering Sciences	30	1	78-85	201 5	1018 - 3639

<b>DEPARTMENT OF CE</b>								
17	B. Raju	Structural Monitoring & Analysis of R.C.C. Beams with Different type of Stirrups.	IJSART	2	1	178-182	2016	2395 - 1052
18	P.Sowjanya	Experimental analysis on properties of concrete by partial replacement of cement with ceramic waste.	IJSRSET	2	6	214-220	2016	2394 - 4099
19	GVLN Murthy, A. Venkata Krishna	<u>Chemical stabilization of sub-grade soil with Gypsum and NaCl</u>	IJAET	9	5	569-581	2016	2454 - 3659
20	GVLN Murthy, A. Venkata Krishna	<u>Effect of Chemical Stabilizers On The Strength and Swelling Parameters Of Expansive Soil</u>	IJMRC	2	10	1-25	2016	2454 - 3659
21	GVLN Murthy	An Experimental Study on strength properties of concrete by partially replacing cement with Metakaolin.	IJMSE	4	01	1038-1044	2015	2349 - 6037
22	GVLN Murthy	An Experimental Study on strength properties of concrete by partially replacing cement with Sugarcane baggas ash.	IJERT	4	2	1-4	2015	2278 - 0181
<b>DEPARTMENT OF CSE</b>								
23	Kaligithi Rajesh Kumar	Data Confidentiality of Sharing Knowledge Using Client Server Model	International Journal of Advanced Engineering Technology	6	6	26-27	2015	0976 - 3945
24	SudhakarGodi	Improved Security to private cloud through Novel Chaotic based Bio-	International Journal of Applied Engineering	10	1	1-7	2015	0973 - 4562

		cryptic Cloud Security Mechanism	Research					
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25	Saka Uma Maheswara Rao	An Enhanced Security in Wireless Sensor Networks by Using contingent Delivery Algorithm	IJMETMR	2	9	581-587	2015	2348 - 4845
26	Saka Uma M. Rao	An Enhanced Security in Wireless Sensor Networks by Using Contingent Delivery Algorithm	IJMETMR	2	9	581-587	2015	2348 - 4845
<b>DEPARTMENT OF EEE</b>								
27	V. Moorthy., P. Sangameswara Raju., S. Ganesan. and S. Subramaniyan.	Investigation on the effectiveness of artificial bee colony algorithm for fixed head hydrothermal energy management considering emission aspects	International journal of energy sector management	9	2	251-273	2015	1750 - 6220
28	V. Moorthy, P. Sangameswara Raju, J. Viswanatharao, S. Ganesan. and S. Subramaniyan	Cost/Environmentally Compromised Dispatch for Cascaded Hydrothermal System Using Artificial Bee Colony Algorithm	IEEJ Transaction on Electrical and Electronics Engineering	10	S1	S42-S54	2015	1931-4973
29	M. Ponnusamy, , B. Banakara, S.S. Dash, V. Moorthy	Design of integral controller for load frequency control of static synchronous series compensator & capacitive energy source based multi area system consisting of diverse source of generation employing imperialistic competition Algorithm	International journal of Electrical Power and Energy Systems	73	1	863-871	2015	0142 - 0615
<b>DEPARTMENT OF IT</b>								
30	RVVSV Prasad	A Study on Agent Based Modeling for Traffic Simulation	International Journal of Computer Science and Information Technologies	7	2	932-936	2016	0975 - 9646

31	RVVSV Prasad	VANET In-Transit & Inter Vehicle Communication Disseminate By Reliability of Packet Reception Rate	IJNS&NT	3	1	355-358	2016	0912 - 0828
32	G Subhakar Rao	A Novel Authentication Approach for Data Storage in Cloud Using Decentralized Access Control with Anonymous Authentication	International Journal of Scientific Engineering and Technology Research	5	40	8354-8356	2016	2319 - 8885
33	RVVSV Prasad	Cloud Computing Research : Challenges and Security Issues	International Journal of Computer Trends and Technology	30	3	157-161	2015	2231 - 2803
34	G Subhakar Rao	An Advanced Fuzzy Constructing Algorithm for Feature Discovery in Text Mining	International Journal of Computer Applications	127	17	30-34	2015	0975 - 8887
35	JNSS Janardhana Naidu	Implementation of Black Hole Attack on AODV Routing Protocol in MANETS	International Journal of Computational Mathematical Ideas	7	3	8339-8343	2015	0974 - 8652
<b>DEPARTMENT OF MBA</b>								
36	T. Lokeswara Rao	Consumer Satisfaction on e-banking Services	International Journal of Advances in Arts, Science & Engineering	5	4	23-26	2015	2320 - 6444 / 2320 - 6136
37	S. ShyamSundar	Home for Homeless through IAY Scheme	PARIPEX - Indian Journal of Research	4	7	133-135	2015	2250 - 1991
38	S. ShyamSundar	Mahatma Gandhi National Rural Employment Guarantee Act: A	Global Journal For Research Analysis	4	7	133-135	2015	2277

		Path Breaking for Rural Household						- 8160
39	S. ShyamSundar	Sirumali Banana: Superior Fruit, Complex Issues	KISAN WORLD	42	10	54-55	201 5	0971 - 9229
40	O.V.A.M. Sridevi	Management Education: Issues and Concerns	International Journal of Academic Research	2	2(8)	79-83	201 5	2348 - 7666

**RESEARCH PUBLICATIONS**  
(WoS/SCI, Scopus Indexed & UGC-CARE List)  
Academic-Years (2014-15)

S. N.	Author(s)'s Name	Title	Journal's Name	Volume	Issue	Page No.	Year	ISSN No.
<b>DEPARTMENT OF ECE</b>								
1	R.S. Dubey, S. Saravanan & S. Kalainathan,	Performance enhancement of thin film silicon solar cells based on distributed Bragg reflector & diffraction grating	AIP Advances	4	-	127121-1-6	2014	2158-3226
2	R. S. Dubey, S. Saravanan & S. Kalainathan,	Performance evaluation of thin film silicon solar cell based on Dual Diffraction Grating,	Nanoscale Research Letters	8	-	688-693	2014	1556-276X
<b>DEPARTMENT OF MECH</b>								
3	R Sam Sukumar, Dr.A. Gopichand, U Janardhana, V Satish Kumar, B Veera Chanti	Design and Fabrication of water Refrigeration System by Creating Vacuum	International journal of Innovative Research in Science, Engineering and Technology IJRSET	4	4	2428-2434	2015	2347-6710
4	Dr.A. Gopichand, K Durga, D Bhanu Prakash	Stress and Thermal Analysis of Spot Weld on Dissimilar Materials	International Journal of Mechanical Engineering and Robotics Research IJMERR	4	1	363-366	2015	2278-0149
5	R Sam Sukumar, M. Muralidhara Rao, A Gopala Krishna, Y Jayaraju, P Surya Sri Vatsav, V.H.Manikanta, S.V.V.Satish, S.A.C.Bhuvannaidu	Performance and Emission Analysis on C.I Engine with Palm Oil Biodiesel Blends at different Fuel Injection Pressures	International Journal Of Innovative Research in Sciences, Engineering And Technology IJRSET	4	4	2516-2527	2015	2347-6710
6	V Hari Sankar, V Ravi Kumar N V S Shankar	Fatigue Analysis of Polymer Composite Deep Drawing Die	International Journal of Mechanical Engineering and	4	2	22-29	2015	2278-0149

			Robotics Research					
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7	A Suman Babu, Dr.A. Gopichand	Harmonic Response of a Rugged System Rack used in Transport Vehicle	International Journal Of Engineering Research And Applications IJERA	4	12	24-30	2014	2248-9622
8	Dr.A. Gopichand, Ch.Harish Kumar, B Mahesh Krishna, D Bhanu Prakash	Static Structural and Fatigue analysis of Two Wheeler Shock Absorbers	International Journal of Emerging Trends in Science and Technology IJETST	1	10	1627-1633	2014	2278 – 0149
9	Ch.Anirudh, Dr.A. Gopichand, D Bhanuprakash	Thermal Analysis of Jagur Core Unit	International Journal Of Innovative Research & Development IJIRD	3	13	354-362	2014	2278 – 0211
10	K N V Swamy, Dr.A. Gopichand	Joint parameter Estimation of Serial Manipulators Using Rigid Body Dynamics	International Journal of Mechanical Engineering and Robotics Research IJMERR	3	4	725-734	2014	2278 – 0149
11	R Sam Sukumar, B Srinivas, G Karthick, Dr. M. Muralidhara Rao	Evaluation of CI Engine performance and emission strategies by Heat recovery techniques	International Journal of Engineering Research and Technology	4	5	230-234	2015	2278 – 0181
12	Dr.A. Gopichand, M Veera Brahman, D Bhanuprakash	Numerical simulation and analysis of friction drilling process for Aluminium alloy using ANSYS.	International Journal of Engineering Research and Technology IJERT	3	12	602-607	2014	2278-0181
13	S V A Kumar Gannavarapu, Dr.A. Gopichand, D Ram Gopal	Modelling and Analysis of Side Grip Conveyor for Bottle	International Journal of Mechanical Engineering IJME	2	12	5-11	2014	2321-6441

		Inspection Machine						
14	M Rama Swamy, Dr.A. Gopichand	Design and Analysis and Optimization of Heat Stacking Mechanism for packing Machinery	International Journal of Innovative Science, Engineering and Technology IJSET	1	10	288-292	2014	2348 - 7968
<b>DEPARTMENT OF CSE</b>								
15	Sudhakar Godi	Identification of Merged Bio-cryptic Patterns using Bio-Pattern Recognition Algorithm in Security Levels of Wireless Local Area Network	International Journal of Computer Applications	14	1	1-5	2015	0975-8887
16	Alluri Annapurna	IOR Based Routing Model for Relay Nodes in Overlay Networks	IJRCSE	5	5	3231-3234	2015	2321-5585
17	Dileep Kumar Kadali	Optimizing the Duplication of Cluster Data for Similarity Process	ANU Journal of Physical Sciences	2	1	83-85	2014	0976-0954
18	Nethala Tulasi raju	A Novel and Optimal Cooperative Communication in MANET	International Journal of Engineering Trends and Technology (IJETT)	16	16	9-12	2014	2231-5381
19	Kaligithi Rajesh Kumar	A Simple and Efficient Framework for Reversible Data Suppression in Images	International Journal of Engineering Trends and Technology (IJETT)	17	1	43-46	2014	2231-5381
<b>DEPARTMENT OF EEE</b>								
20	V. Moorthy, P. Sangameswara Raju, S.	Investigation on the effectiveness of artificial bee	International Journal of energy sector	9	2	251-273	2015	1750-6220

	Ganesan, S. Subramanian	colony algorithm for fixed head hydrothermal energy management considering emission aspects	managemen t					
21	V. Moorthy, P. Sangameswara Raju, J. Viswanatharao, S. Ganesan, S. Subramanian	Cost/Environmentally Compromised Dispatch for Cascaded Hydrothermal System Using Artificial Bee Colony Algorithm	IEEJ Transaction on Electrical and Electronics Engineering	10	S1	S42-S54	2015	1931-4973
22	M. Ponnusamy, B. Banakara, S.S. Dash, V. Moorthy	Design of integral controller for Load Frequency Control of Static Synchronous Series Compensator and Capacitive Energy Source based multi area system consisting of diverse sources of generation employing Imperialistic Competition Algorithm	International Journal of Electrical Power and Energy Systems	73	1	863-871	2015	0142-0615
23	V. Moorthy, P. Sanameswaraju, G. Sivarajan, S. Subramanian	Hydrothermal Scheduling Using Abc Algorithm Considering Pollutant Emission	International Journal of Electrical Engineering	20	5	203-217	2014	0974-2158
24	D.Ramakrishna, V.Moorthy and A.V.D.	Hybrid PV-wind energy system based 1-phase	International Journal of Technology	3	1	2834-2838	2014	0975-5462

	Sureshkumar	high step-up DC-DC converter fed split phase induction motor	and Engineering Science					
25	B. NagaMalleswari, K. Alekhya	Performance Evaluation of Adjustable Speed Drive Using HCC Based Single Phase Half Bridge APF	International Journal of Innovative Technology and Research	2	5	1331-1337	2014	2320-5547
<b>DEPARTMENT OF MCA</b>								
26	R N D S Kiran	Advanced Data Encryption/Decryption using Multi Codes for One Character	International Journal of Computer Science and Engineering	3	9	34-38	2015	2347-2693
27	ANL Kumar	Neuro Recognizer: Neural Network Based Hand-Written Character Recognition	International Journal of Computer Science and Engineering	3	9	28-33	2015	2347-2693
<b>DEPARTMENT OF MBA</b>								
28	T. Lokeswara Rao	Role of Information Technology in Indian Banking Sector	International Organization of Scientific Research	5	3	25-29	2014	2278-487X/2319 - 7668
29	T. Lokeswara Rao	Marketing of Banking & Financial Services in India	Radix International Journal of Research in Banking, Finance and Accounting. (AP) India	1	2	-	2014	2277-100X
<b>DEPARTMENT OF S&amp;H</b>								
30	GinjupalliSrinivasa Rao	Acetalisation of Glycerol With Acetone To Bio Fuel Additives over Supported Molybdenum Phosphate Catalysts	Journal of Molecular Catalysis:A: Chemical	410	-	228-238	2015	1381-1169
31	GinjupalliSrinivasa Rao	Vapour Phase hydrogenolysis	Catalysis Today	250	-	3575-3579	2015	

		of Glycerol Over Nano Structure Ru/MCM-41 catalysts						0920-5861
32	V. P. Kumar, A.kumar, Gi.S. Rao & K.V.R. Chary	Vapour-Phase Hydrogenolysis Of Glycerol Over Nanostructured Ru/MCM-41 Catalysts	Catalysis Today	250	-	226-238	2015	0920-5861
33	T. Hymavathi, W. Sridhar, Sakunthala	Numerical solution to MHD flow of visco- elastic fluid over a stretching sheet	International J. of Engg. Research &Indu. Appls. (IJERIA)	8	II	51-60	2015	0974-1518
34	P.L. Rama Kameshwari, V.S. Bhagavan	Special Linear Group SL(2,C) and benenerating functions for two variable legendre Polynomials	Global Journal of Pure and Applied Mathematics (GJPAM)	11	2	135-140	2015	0973-1768
35	P. L. Rama Kameswari V. S. Bhagavan	Group Theoretic Origins Of Certain Generating Functions Of Legendre Polynomials	Int. J. Chem. Sci.	13	4	1655-1664	2015	0972-768X
37	NPS Acharyulu, RS Dubey, V Swaminadham, PratapKollu, RL Kalyani, SVN Pammi	Green synthesis of CuO nanoparticles using Phyllanthusamarus leaf extract and their antibacterial activity against multidrug resistance bacteria	International Journal of Engineering	3	-	693-641	2014	1735-9244
38	V. Swaminadham, R. S. Dubey, B. S. Diwakar, N. P. S. Acharyulu , S.V.N.Pammi , S. Hari	A Facile and Eco-friendly Approach to Synthesize Silver Nanoparticles from Ecliptaprostrata	International Journal of NanoScience and Nanotechnology.	1	-	83-90	2014	2423-5911

	Krishna	and Their Antibacterial Studies on Isolated Human Pathogens						
39	N. PethanRajan, GinjupalliSrinivasa Rao, V.P. Kumar	Vapour Phase Dehydration Of Glycerol Over Vpo Catalyst Supported On Zirconium Phosphate	Catalysis Science & Technology	4	-	81-92	2014	2044-4761
40	N. PethanRajan, GinjupalliSrinivasa Rao, B.P. Kumar &Komandur	Vapour Phase Dehydration of Glycerol To Acrolein Over Vanadium Phosphorous Oxide (VPO) Catalyst	RSC Advances	4	-	53419-53428	2014	2046-2069
41	GinjupalliSrinivasa Rao, N. P. Rajan, M. Hari Shekar, S. Ammaji & K.V.R. Chary.	Porous Zirconium Phosphate Supported Tungsten Oxide Solid Acid Catalysts For The Vapor Phase Dehydration Of Glycerol	Journal Of Molecular Catalysis A: Chemical	22		486-493	2014	1381-1169
42	GinjupalliSrinivasa Rao, M. Sowmya, N. P. Rajan, B. P. Kumar, K.V.R. Chary	Vapor Phase Dehydration Of Glycerol To Acrolein Over Tungstated Zirconia Catalysts	Applied Surface Science	309	--	153-159	2014	0169-4332
43	GinjupalliSrinivasa Rao, N. P. Rajan, V.P. Kumar And Komandur	Vapour Phase Dehydration of Glycerol To Acrolein Over NbOPO <sub>4</sub> Catalysts	Journal of Chemical Technology and Bio-Technology	89	-	1890-1897	2014	0268-2575

**RESEARCH PUBLICATIONS**  
(WoS/SCI, Scopus Indexed & UGC-CARE List)  
Academic-Years (2013-14)

S. N.	Author(s)'s Name	Title	Journal's Name	Volume	Issue	Page No.	Year	ISSN No.
<b>DEPARTMENT OF ECE</b>								
1	R. S. Dubey	Porous Silicon Nanostructure by Electrochemical Etching for Solar cells	Nanoscience and Nanoengineering	1	1	36-40	2013	2331-9755
2	R. S. Dubey	Synthesis and Characterization of Titania Nanotube Arrays by Electrochemical Method for Dye Sensitized Solar Cells	Archives of Applied Science Research	5	5	28-32	2013	0975-508X
3	Y. B. R. D. Rajesh & R. S. Dubey	Sol-Gel Synthesis and Characterization of Nanocrystalline Spinel LiMn <sub>2</sub> O <sub>4</sub> For Battery Applications	Nanoscience and Nanoengineering	1	3	139-141	2013	2331-9755
4	R. S. Dubey, M. A. More & V. Ganesan	Optical and Structural Properties of ZnO Nanostructure Synthesized by Thermal Evaporation Method	Archives of Physics Research	4	5	1-6	2013	0976-0970

5	S. Saravanan, R. S. Dubey, & S. Kalainathan	MATLAB Design & Analysis of 1D Photonic Band Structures Using Transfer Matrix Method	Internationa l Journal of Electrical, Electronics and Data Communicat ion	1	8	72-74	2013	2321- 2950
6	G. Naga Venkatesh, K. Karthick, Y.B.R.D. Rajesh & R. S. Dubey	Characterizat ion of ZnO Nanostructur es Prepared by Spin Coating Sol- gel Method	Internationa l Journal of Advanced Research	1	9	568-571	2013	2320- 5407
7	R. S. Dubey, M. A. More & V. Ganesan	Optical and Structural Properties of ZnO Nanostructur e Synthesized by Thermal Evaporation Method	Archives of Physics Research	4	5	1-6	2013	0976- 0970
<b>DEPARTMENT OF S&amp;H</b>								
8	T. Hymavathi, Sridhar B. Shankar Sakunthala	Heat Transfer to MHD Oscill atory Flow in a Horizontal Channel with Heat Source And Suction	Internationa l J. of Math.Sci.&E ngg.Appls (IJMSEA)	7	VI	85-95	2013	0973- 9424



**RESEARCH PUBLICATIONS**  
**(WoS/SCI, Scopus Indexed & UGC-CARE List)**  
**Academic-Years (2012-13)**

S. N.	Author(s)'s Name	Title	Journal's Name	Volume	Issue	Page No.	Year	ISSN No.
<b>DEPARTMENT OF ECE</b>								
1	R. S. Dubey	Near Field Computation in 1D Photonic Crystal Waveguides for TE Polarization	Digest Journal of Nanomaterials and Biostructures	3	3	893 - 898	2012	1842-3582
2	R. S. Dubey and LaxmiSarojini	Light Trapping Mechanism in 1D Photonic Crystals for Silicon Based Solar Cells	Journal of Electromagnetic Waves and Applications	27	3	309-317	2012	0920-5071
3	R. S. Dubey	FPGA Implementation of Orthogonal Code Convolution for Efficient Digital Communication	International Journal of Engineering Research & Technology	1	10	1-7	2012	2278-0181
<b>DEPARTMENT OF IT</b>								
4	Sk Ahmad Mohiddin	Monitoring Cryptographic Strength of Wireless Sensor Networks using Knowledge-Zero protocol	International Journal of Advanced and Innovative Research	2	9	380-383	2013	2278-7844
5	RVVSV Prasad	An Efficient Approach Of Amorphous Peer-To-Peer Systems	International Journal of Computer & Electronic Research	2	3	106-108	2013	2320-9348
6	RVVSV Prasad	A Categorical Review of Recommender Systems	International Journal of Distributed and Parallel Systems	3	5	73-83	2012	0976-9757

7	G Subhakar Rao	Item Set Mining using IMINE Index Support	International Journal of Engineering Research and Applications (IJERA)	2	1	189-194	2012	2248-9622
8	G Subhakar Rao	Content Based Image Retrieval through Fundamental and Visual Feature Description Techniques	International Journal of Engineering Research and Development	3	10	08-14	2012	2278-067X/ 2278-800X
9	Sk Ahmad Mohiddin	Web Mining: Methodologies, Algorithms and Applications	IJCST	3	4	586-589	2012	2229-4333
10	JNSS Janardhana Naidu	Content Based Image Retrieval through Fundamental and Visual Feature Description Techniques	International Journal of Engineering Research and Development	3	10	08-14	2012	2278-067X/ 2278-800X

**RESEARCH PUBLICATIONS**  
**(WoS/SCI, Scopus Indexed & UGC-CARE List)**  
**Academic-Year (2011-12)**

S. N.	Author(s)'s Name	Title	Journal's Name	Volume	Issue	Page No.	Year	ISSN No.
<b>DEPARTMENT OF ECE</b>								
1	R. S. Dubey &D. K. Gautam	Synthesis and Characterization of Porous Silicon Layers for 1D Photonic Crystals Applications	Optik	122	6	494-497	2011	0030-4026
2	R. S. Dubey & D. K. Gautam	Porous Silicon Layers Prepared by Electrochemical Etching for Application in Silicon Thin Film solar Cells	Superlattices& Microstructures	50	3	269-276	2011	1096-3677

**RESEARCH PUBLICATIONS**  
**(WoS/SCI, Scopus Indexed & UGC-CARE List)**  
**Academic-Year (2009-10)**

S. N.	Author(s)'s Name	Title	Journal's Name	Volume	Issue	Page No.	Year	ISSN No.
<b>DEPARTMENT OF ECE</b>								
1	R. S. Dubey, D. K. Gautam	Fabrication and characterization of porous silicon layers for Applications in Optoelectronics	Optical and Quantum Electronics	41	3	189-201	2009	0306-8919
2	R. S. Dubey, D. K. Gautam	Photoluminescence and Surface Morphology of Nanostructured Porous Silicon	Chalcogenide Letters	6	10	523-528	2009	1584-8663
3	R. S. Dubey, D. K. Gautam	Structural and Optical Properties of Light Emitting Nanocrystalline Porous Silicon Layers	Optoelectronics and Advanced Materials–Rapid Communication	3	9	869-873	2009	2065-3824
4	R. S. Dubey, D. K. Gautam	Synthesis and Characterization of Nanocrystalline Porous Silicon Layer for Solar Cells Application	Journal of optoelectronic and biomedical materials	1	1	8-14	2009	2066-0049
5	R. S. Dubey, D. K. Gautam	Propagation of Electromagnetic Waves in 1D finite Photonic Crystals for the Investigation of Linear Properties	Journal of Modern Optics	56	4	487-495	2009	1362-3044

6	R. S. Dubey, D. K. Gautam	Designing of Omnidirectional Reflectors For 1D Photonic Crystal Waveguide Applications	Invertis Journal of Science & Technology	3	3	150- 156	2010	0973- 8940
<b>DEPARTMENT OF IT</b>								
7	RVVSV Prasad	An Effective Calculation of Reputation in P2P networks	Journal of Networks, Academy Publishers	4	5	332- 342	2009	1796- 2056