



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.Reddy Nagar, Mylavaram – 521 230, Andhra Pradesh, INDIA.

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi.

### Research & Development Cell

#### Details of Paper Publications during the A.Y.: 2017-18

i.	No. of SCI papers	:11
ii.	No. of Papers in Scopus indexed Journals	:20
iii.	No. of Papers in Conf. Proceedings indexed by Scopus	:25
	<b>Total Papers in SCI &amp; Scopus</b>	<b>: 56</b>
<hr/>		
iv.	No. of UGC Journals	: 21
v.	No. of Open Access Journals	: 170

#### R & D Publications for the A.Y.: 2017-18 (From 1<sup>st</sup> July 2017 – 30<sup>th</sup> June 2018)

Details of Publications (Verified in database on 15-08-2018)							
S.No.	Dept.	SCI	SCOPUS		UGC	Open Access	Total
			Journals	Proceedings			
1.	AE	01	--	--	--	--	1
2.	CIVIL	--	02	--	--	1	3
3.	CSE	01	02	09	--	17	29
4.	ECE	05	05	06	15	45	76
5.	EEE	01	05	--	--	21	27
6.	EIE	02	--	01	1	5	09
7.	MECH	01	04	09	3	36	53
8.	IT	--	02	--	1	6	09
9.	FED	--	--	--	--	3	3
10.	MBA	--	--	--	1	7	8
11.	MCA	--	--	--	--	29	29
<b>Total</b>		<b>11</b>	<b>20</b>	<b>25</b>	<b>21</b>	<b>170</b>	<b>247</b>



**SCI Papers - 11**

**AE-1, CE-0, CSE-1, ECE-5, EEE-1, EIE-2, ME-1, IT-0, FED-0, MBA-0, MCA-0, Total-11**

**Aerospace Engineering Department**

1. **Effect of Inner Nozzle Lip Thickness on Co-Flow Jet Characteristics**, T. Srinivasarao, I. Dakshina Murthy, P. Lovaraju, Shankar, E. Rathakrishnan International Journal of Turbo and Jet Engines, 34(3), (Aug-17), 287-293, 0334-0082.

**Department of Computer Science Engineering Department**

2. **Relative Dimensionality of Feature Selection Based On Collective Behaviour In Cluster Databases**, D.Veeraiah, D. Vasumathi, Journal of Scientific & Industrial Research, 76, 2017, PP: 468-472, 0975-1084.

**Department of Electronics and Communication Engineering**

3. **Automated Pulmonary Lung Nodule Detection Using an Optimal Manifold Statistical Based Feature Descriptor and SVM Classifier**, Biomedical & Pharmacology Journal P. Ammi Reddy, E.V. Krishna Rao, B. Ramesh, 10 (3), 2017, 1311-1324, 0974-6242.
4. **Speech Enhancement Using MMSE Estimation Of Amplitude And Complex Speech Spectral Coefficients Under Phase-Uncertainty**, K. Ravi Kumar, P.V. Subbaiah, Speech Communication, 96, 2018, 10-27, 0167-6393.
5. **Edge Enhanced Fuzzy C Means Algorithm for Hippocampus Segmentation And Abnormality Identification**, G.L.N.Murthy, B.Anuradha, Biomedical & Pharmacology Journal, 10 (4) 2017, 1747-1755, 0974-6242.
6. **Design and Analysis of Band Notched Wide Band Met material Integrated U & T Shaped Patch with Strip Line Antenna for Wireless Application**, Helix, K. Rani Rudrama, P. Siddaiah, Dr. M. N. Giri Prasad, 8(1) Dec. (2017), 2747- 2752, 2319 – 5592.
7. **Orthogonal Polarization Position Based MIMO Antenna For Wireless Applications**, B.Y.V.N.R Swamy, P. Siddaiah, Helix, 8(1) Dec. (2017) 2747- 2752, 2319 – 5592.

**Department of Electricals and Electronics Engineering**

8. **Islanding Detection For Inverter Based Distributed Generation With Low Frequency Current Harmonic Injection Through Q Controller And Rocof Analysis**, Harinadha Reddy Kadapa Ch.Rami Reddy, Eee, J.Electrical Systems, 14(2) (2018), 179-191, 1112-5209.



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.Reddy Nagar, Mylavaram – 521 230, Andhra Pradesh, INDIA.

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi.

### Research & Development Cell

#### Department of Electronics and Instrumentation Engineering

9. **Spectroscopic studies of Dy<sup>3+</sup> ion doped telluride glasses for solid state lasers and white LEDs**, V. Himamaheswara Rao, P. Syam Prasad, M. Mohan Babu, P. Venkateswara Rao, T. Satyanarayana, P. Syam Prasad, Spectrochimica Acta Part A: Molecular & Biomol. Spectroscopy, 188(5) (2018) 516-24, 1386-1425.
10. **Influence of molybdenum oxide on structural, optical and physical properties of oxychloride glasses for non-linear optical devices**, F.Goumeidane, M.Iezid, B.Melik, M. Poulain, T. Satyanarayana, P. Syam Prasad, P. Venkateswara Rao, Ceramics International, 43 (2017) 11305-11311, **0272-8842**.

#### Department of Mechanical Engineering

11. **An experimental study on the effect of nanoparticles with novel tamarind seed methyl ester for diesel engine applications**, V. Dhanaraju, P.S. Kishore, K. Nanthagopal, B. Ashok, Energy Conversion and Management 164, (2018), 655-666, **0196-8904**.

#### Scopus Papers - 20

AE-0, CE-2, CSE-2, ECE-5, EEE-5, EIE-0, ME-4, IT-2, FED-0, MBA-0, MCA-0, **Total-20**

#### Civil Engineering Department

1. **Analysis And Design of Seismic Framed Structures**, M.Satyanarayana, Journal of Advanced Research in Dynamical and Control System, 8, 2017, 200-204, 1943-023X.
2. **Strength And Durability Characteristics of Bacterial Motor**, M.Satyanarayana, Journal of Advanced Research in Dynamical and Control System, 8, 2017, 228-235, 1943-023X.

#### Department of Computer Science Engineering Department

3. **Modified Feature Extraction Using Viola Jones Algorithm**, V. Lakshmi Sarvani, P.M. Ashok Kumar, Journal of Advanced Research in Dynamical and Control System, 03, (2018), 528-538, 1943-023X.
4. **Multi Attribute Similarity Index Data Presentation for Uncertain Categorical Data**, D. Veeraiah, RPN Journal of Engineering and Applied Sciences, 13(9), (2018), 3023-30, 1819-6608.

#### Department of Electronics and Communication Engineering

5. **Performance of Capacity Improvement in Mb-Mf-Sic Detector Using Resource Allocation Approach**, B. Suneela, E.V.K.Krishna Rao, K. Sarat, K. Kotamaraju, Ch.Sri Kavya, Journal of Advanced Research in Dynamical and Control Systems, 10(7) (2018) 1461-69 (Special Issue), 1943-023X.



6. **An Efficient Method To increase the Network throughput using Interference Cancellation Approach**, B.SUNEELA, E.V.KRISHNA RAO, K.CH. SRI KAVYA, SARAT K. KOTAMRAJU, Journal of Advanced Research in Dynamical and Control Systems, 9(1) (2017) 378-390 (Special Issue), 1943-023X.
7. **Analysis and Implementation of Fault Tolerant Parallel FFTS & IFFTS Using Parity SOS And ECC**, Afrozbanu Syed, K.Ranirudramma, International Journal of Applied Engineering Research (IJAER) , 12, (2017) 8316-8322, 0973-4562.
8. **A Comprehensive Technical Study on MST Radar Signals for Enhancement of SNR**, G. Venkataramaiah, A. NarendraBabu, Journal of Advanced Research in Dynamical and Control Systems, 9(6), 2017, 221-231, 1943-023X.
9. **Neural Network Approach for Energy Efficiency in Cellular System**, O. Mounika, A.NarendraBabu and K.Srinivasa Rao, International Journal of Pure and Applied Mathematics, 117 (18), (2017), 271-277, 1311-8080, 1314-3395.

#### **Department of Electricals and Electronics Engineering**

10. **Fuzzy autonym MFs to improve complex grid network security by fuzzy implication PSO algorithm for dealing of islanding ADCS mode**, K. Harinadha Reddy, S. Govinda Raju, International Journal of Systems, Control and Communications, 9(3), (2018), 230-254, 1755-9359.
11. **Islanding Detection Method for Inverter based Distributed Generation based on Combined Changes of ROCOAP And ROCORP**, Ch. Rami Reddy, K. Harinadha Reddy, International Journal of Pure and Applied Mathematics, 117 (19), (2017), 433-440, 1311-8080, 1314-3395.
12. **Matlab based simulation model of standlone DC microgrid for remote area power applications** , G Srinivasa Rao, K Harinadha Reddy, B Ravi Teja, B Devasahayam, ShaikKhaleel, International Journal of Engineering & Technology (UAE), 7(1) (2018), 0975-4024, 2227-524x.
13. **Simulation And Experimental Verification of Novel Multi Level Inverter with Minimum Number of Switches**, C.P.Sekhar, M.Umavani, PV Ramana Rao, International Journal of Advanced Research In Dynamical and Control Systems (JARDCS), 9(2), (2017), 1943-023x.
14. **Comparative Analysis of H-Bridge Multilevel Inverter Fed Induction Motor Drive with Minimum Number of Switches**, C.P. Sekhar, PV Ramana Rao, M.Umavani, International Journal of Pure and Applied Mathematics, 117(10), (2017), 75-78, 1311-8080, 1314-3395.

#### **Department of Mechanical Engineering**



15. **Effect of exhaust gas recirculation on performance and emission characteristics of a diesel engine fuelled with tamarind biodiesel**, V. Dhanaraju, P.S.Kishore, International Journal of Ambient Energy (T & F), Jan. (2018), 2162-8246. doi.org/10.1080/01430750.2017.1421579.
16. **Effect of fuel additives in Tamarind seed methyl esters Biodiesel fuelled diesel engine**, V. Dhanaraju, P.S.Kishore, International Journal of Mechanical Engineering and Technology, 9, (2018) 959-968, 0976-6340.
17. **Effect of Twin-Pin profile tool on the Microstructure and mechanical properties of friction stir welded Dissimilar AA2024 and AA6061 Aluminium Alloys**, Ch.Ratnam, B.Sudheer, Kumar, K.N.D.Malleswara Rao, International Journal of Mechanical Engineering and Technology, 9(3), (2018), 946–953, 0976-6340.
18. **Parametric optimization of EDM on Hastelloy C-276 using Taguchi L18 Technique**, Shaikhadar Basha, Murahari Kolli, M.V.Jagannadha Raju, International Journal Engineering and Technology (UAE), (2018), 1793-8236.

#### **Information Technology**

19. **Cloud Service Broker: Selection of Providers Using DTRFV Evaluation**, K. Anupriya, M. Sreelatha, Journal of Theoretical and Applied Information Technology, 95, (2017), 3551-3559, 1992-8645.
20. **Classification model using genetic algorithm with correlated BPNN based Artificial Intelligent System**, B.Srinivasa Rao, S.Naganjaneyulu, O.RamaDevi, B.RamaDevi, R.Vijay Kumar Reddy, Journal of Advanced Research in Dynamical and Control Systems, 8(7), (2018), 304-312, 1943-023x.

#### **Scopus Conference Proceedings – 25**

**AE-0, CE-0, CSE-9, ECE-6, EEE-0, EIE-1, ME-9, IT-0, FED-0, MBA-0, MCA-0 Total-25.**

#### **Department of Computer Science Engineering Department**

1. **Advanced Cyber Hiding Key Logging over Cyber Communication**, D. Veeraiah, D. Vasumathi, Computing and Network Sustainability, Conference paper, Part of the Lecture Notes in Networks and Systems book series (LNNS, volume 12) Springer, 12 (2017) 243-51.
2. **Bubble-Net Hunting Strategy of Whales based Optimized feature selection for E-mail Classification**, Dr. Naga Raju Devarakonda, IEEE Xplore, 21-12-2017, 978-1-5090-4307-1.
3. **Clustering The Polymorphic Malware Traces**, A. Sarvani, B. Venugopal, D.Nagaraju, IEEE Conference-2017 International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies (ICAMMAET), 1(5), (2018), ISBN: 978-1-5090-3378-2.



4. **A New Parallel Metaheuristic Optimization Algorithm and It's Application in CDM**, Ravi Kumar Saidala, Dr. D. Naga Raju , IEEE Sponsored I2CT-2017, Proceedings of IEEE, 7th-9th April 2017, Pune, India.
5. **Finger Vein Detection Using Gabor Filter and Region of Interest**, Saritha Reddy Venna, Suresh Thommandru, Ramesh Babu Inampudi, Cognitive Science and Artificial Intelligence, pp 55-65, 23-12-2017, 978-981-10-6697-9, Springer, Singapore.
6. **A Hybrid Approach For Privacy -Preserving Data Mining**, Dr.D.Nagaraju, International Conference On Advances In Computing And Data Sciences 2018. Springer, 2018, 978-981-13-1809-2.
7. **Proficient Energy Hole Prevention Scheduling in Wireless Networks**, G Balu Narasimha Rao , IEEE Xplore, 2018, 978-1-5090-5013-0.
8. **Cross-user level De-duplication using Distributive Soft Links**, Dr P M Ashok kumar, IEEE, 2018, 978-1-5386-0814-2.
9. **A Refined K-Means Technique to Find the Frequent Item Sets**, A.Sarvani, B. Venugopal, Nagaraju Devarakonda, Springer, Singapore, Cognitive Science and Artificial Intelligence. 23-12-2017, 978-981-10-6697-9

**Department of Electronics and Communication Engineering**

10. **Investigations on the Nitride Interface engineering at HfO<sub>2</sub>/Ge stacks for MOS devices**, G.Venkata Rao, M.Kumar, T.V.Rajesh, D.V.RamaKoti Reddy,D.Anjaneyulu, B.Sainath, S.V.Jagadeesh , Chandra, Material today Proceedings- ELSEIVER, 5(1), (2018), 650-656, 2214-7853.
11. **Compact Design Of Hexagonal Monopole Antenna For Uwb Applications**, Pavani Kollamudi, M G Mahammed Rafi, GJESR, 2018, 2348 – 8034.
12. **Design and Implementation of Low power and High Performance Network Interface for 2×2 SDM based NoC**, Y Amar Babu, GMV Prasad, John Bedford Solomon, IEEE Xplore, 2017, 978-1-5090-4559-4.
13. **Design of Low-Power and High-Performance Network Interface for 2 × 2 SDM-Based NoC and Implementation on Spartan 6 FPGA**, Y. Amar Babu, G.M.V. Prasad, Springer, volume 564, Advances in Intelligent Systems and Computing book series 2017, 978-981-10-6875-1.
14. **Power Analysis and Implementation of Low-Power Design for Test Architecture for UltraSPARC Chip Multiprocessor**, John Bedford Soloman, D. Jackuline Moni, Y. Amar Babu, Springer, volume 564, Advances in Intelligent Systems and Computing book series 2017, 978-981-10-6875-1.



15. **Performance Analysis and Implementation of Highly Reconfigurable Modified SDM-Based NoC for MPSoC Platform on Spartan6 FPGA**, Y. Amar Babu, G.M.V. Prasad, Springer, 2017, 978-981-10-3373-5.

**Department of Electronics and Instrumentation Engineering**

16. **Performance Analysis of Reconfigurable Antenna with Notch Band Characteristics**, K. Pavani, **Microelectronics**, Electromagnetics and Telecommunications, Part of the Lecture Notes in Networks and Systems book series (LNNS, Volume 471) Springer, 471 (2018), 865-871.

**Department of Mechanical Engineering**

17. **Experimental studies on natural aspirated diesel engine Fuelled with corn seed oil methyl ester as a bio-diesel**, E.R.K. Reddy, V.Dhana Raju, IOP Conf. Series: Materials Science and Engineering, Vol. 330, (2018) 012104.
18. **Experimental study of electrical discharge machining of Inconel X-750 using Tungsten-copper electrode**, ShaikKhadarBasha, M.V.Jagannadha Raju, K. Murahari, Materials Today: Proceedings-ELSEVIER, 5, (2018), 6134-6148, 2214-7853.
19. **Three Dimensional Finite element analysis of thin hybrid FRP skew Laminates for thermo elastic behaviour of different Materials**, B.Susmitha, K.Durga, K.N.D.Malleswara Rao, K.V. Ravisankar, K. Narayana and Sp.KrishnaMithra, Materials Today: Proceedings-ELSEVIER, 5, (2018), 2214-7853.
20. **A CFD Investigation of Heat transfer Enhancement of shell and tube Heat exchanger using Al<sub>2</sub>O<sub>3</sub>-water Nanofluid**, K.Somasekhar, K.N.D.Malleswara Rao, V.Sankara Rao, Raffi Mohammed, M.Veerendra and T.Venkateswara Rao, Materials Today: Proceedings-ELSEVIER, 5, (2018), 4592-4600, 2214-7853.
21. **Optimization of Residual Stresses in Hard tuning of super alloy Inconel 718**, G. Kartheek, KollaSrinivas, Ch.Devraj, Materials Today: Proceedings-ELSEVIER, 8, (2017), 0976-6340.
22. **Some experimental studies on effect of exhaust –gas recirculation on performance and emission characteristics of a compression ignition engine fuelled with diesel and lemon – peel oil blends**, A.Naresh Kumar, K.Brahma Raju, P.Srinivas Kishore, K.Narayana, Materials Today: Proceedings-ELSEVIER, 5, 2018, 1194-1200, 2214-7853.



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.Reddy Nagar, Mylavaram – 521 230, Andhra Pradesh, INDIA.

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi.

### Research & Development Cell

23. **Procuring Magnetic field to liquid channel of Nano lubricant ( CuO&PAG oil) rigged VCR system by using R134a Refrigerant**, K.Dilip Kumar, Materials Today Processing and characterization, 5(9), Part 3, Elsevier, 2018, 2214-7853 .
24. **Engine Isolation angular mount with different types of Elastomers**, Sudheer Kumar battula, Materials Today Processing and characterization, 5(9), Part 3, Elsevier, 2018, 2214-7853 Elsevier, 2018, 2214-7853 .
25. **Influence of Heat Treatment on Mechanical and Micro Structural Properties of Titanium Alloys for Enhanced Applications**, K. Sai Sarathi, I. Dakshina Murthy, R. Subbarao, Ravi Gujjula, Materials Today Processing, 4(8), Elsevier, 2017, 2214-7854

#### UGC Papers - 21

AE-0, CE-0, CSE-0, ECE-15, EEE-0, EIE-1, ME-3, IT-1, FED-0, MBA-1, MCA-0 **Total-21.**

#### Department of Electronics and Communication Engineering

1. **Detection of Logo using Wavelet Transform Analysis and NN Classifier**, N.Anusha, G.Srinivasa Rao, A.Narendrababu, S.V. Jagadeesh Chandra, International Journal of Research in Electronics and Computer Engineering (IJRECE) , 5(3), 2017, 2393-9028, 2348-2281.
2. **Lung Nodular Pattern For Interstitial Lung Diseases Using Neural Network Classification**, Y.Ramyanka, A. Narendrababu, S.V. Jagadeesh Chandra, G.Srinivasarao, International Journal of Research in Electronics and Computer Engineering (IJRECE) , 5(3), 2017, 2393-9028, 2348-2281 .
3. **Location – Aware Relay Based Spectrum Accessing for Primary Users in Cognitive Radio of FDM Based Networks System With Power Equalization**, G.Nagendrababu E.V.Krishna Rao, P.Rakesh Kumar , International Journal of Research in Electronics and Computer Engineering (IJRECE) , 5(4), (2017), 2393-9028, 2348-2281 .
4. **Detection of Disease Using EEG Signal Based on PSO and NN Classifier**, S.V. Jagadeesh Chandra, A. Narendrababu, G.Srinivasarao, L.Jhansi, International Journal of Research in Electronics and Computer Engineering (IJRECE) , 5(3), (2017), 2393-9028, 2348-2281 .
5. **Diabetic Retinopathy using Morphological Process and Hough Transform**, G.L.N.Murthy, D.Sirisha, International Journal of Research in Electronics and Computer Engineering (IJRECE) , 5(3), (2017), 2393-9028, 2348-2281.





6. **Brainwave Sensor based Vehicle Attention tracking using Arduino**, V.V.Ramakrishna, M.Sindhura, International Journal of Research in Electronics and Computer Engineering (IJRECE) , 5(3), (2017), 2393-9028, 2348-2281.
7. **Invisible Watermarking Technology using SVD for Copy Right Security Protection**, K.Sasibhushan, P.Rakeshkumar, R. Venugopalarao, International Journal of Research in Electronics and Computer Engineering (IJRECE) , 5(3), (2017), 2393-9028, 2348-2281 .
8. **Brain Tumour Identification Using NN Classification By Wavelet Transform Method In MRI Images**, B. Siva Hari Prasad, Ch.Siva Naga Malleswary, International Journal of Research in Electronics and Computer Engineering (IJRECE) , 5, 3,2017, 2393-9028, 2348-2281.
9. **Skin Lesion Classification Of MELONAMA Using ABCD Parameters By Contour Edge Detection**, P.Rakesh Kumar, G.Meenakshi, International Journal of Research in Electronics and Computer Engineering (IJRECE) , 5,3,2017, 2393-9028, 2348-2281.
10. **Security of Integrated Circuits Physical Design in 45 NM Technology**, G. Venkata Rao, M.Vinod Kumar, International Journal of Research in Electronics and Computer Engineering (IJRECE) , 5,3,2017, 2393-9028, 2348-2281 .
11. **Advanced Testing Methods for Reversible Logic**, G. Vamsi Krishna, G.Srinivasa Rao, Y. Amar Babu, International Journal of Applied Engineering Research, 13, 7, 2018, 2926-2932, 0973-4562.
12. **An FPGA Implementation of Low Dynamic Power & Area Optimized 32-Bit Reversible ALU**, G. Vamsi Krishna, G.Srinivasa Rao, Y. Amar Babu, International Journal of Applied Engineering Research, 13, 5 ,2018, 2926-2932, 0973- 4562.
13. **A Novel Dynamic Scan Low Power Design for Testability Architecture for System-On-Chip Platform**, J.B. Solomon, D.J. Moni and Y. Amar Babu, International Journal of Applied Engineering Research, 13, 7,2018 pp. 5256- 5259, 0973-4562.
14. **Semi-Automated Fire control Robot using Android Application**, M.KrishnaSai , G.Manideep, K.Venkateswara Reddy , P.Hemanth, G.L.N.Murthy, International Journal of Research in Electronics and Computer Engineering, 6(1), (2018), 498-501, 2393-9028.
15. **Brain Tumor Segmentation using Evolutionary Computation Techniques in MRI Images**, T. Anilraju, International Journal of Research in Electronics And Computer Engineering, 6(1), (2018), 493-497, 2393-9028.



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.Reddy Nagar, Mylavaram – 521 230, Andhra Pradesh, INDIA.

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi.

### Research & Development Cell

#### Department of Electronics and Instrumentation Engineering

16. **A MIMO system-Design Field**, Bikash Swain, R.A.Naik, International Journal of Scientific Research and Reviews (IJSRR), 7(1), (2018), 389-398, 2279-0543.

#### Department of Mechanical Engineering

17. **Fatigue and Wear Behaviour of Al-10Si-2.5Cu Alloys**, P.V.Chandrasekhar Rao, K.G.Basava Kumar, Indian Foundry Journal, , 64(4) (2018) 39-44.
18. **Green synthesis of Zinc oxide Nano particles using extracts of ocimumtenuiflorum and its characterization**, K.Dilip Kumar, K.Narayana, K.Appa Rao, Journal of Nanoscience, Nanoengineering& Applications, 8(1), (2018), 2321-5194.
19. **Design and development of seed sowing AGROBOT**, A.Nageswara Rao, S.Pichi Reddy, N.Raju, Journal of Emerging Technology and Innovation Research, 5(5) (2018), 783-787, 2349-5162.

#### Information Technology

20. **Hybridized Neural Network Training Algorithm For Heart Disease Detection by Reducing Features to Improve Accuracy**, B. Srinivasa Rao N. Gnaneswara Rao, T. Sravani, International Journal of Scientific Research And Review, 7, (2018), 269-316, 2279-543x

#### Management of Business Administration Department

21. **How good is employee welfare in Indian PSUs? Some empirical evidence**, Srinivas Lakkoju, VaniThamma, NirmalaDeepika, K.B., Management Today, 7 (4), 2017, 187-193, 2230-9764, 2348-3989

#### **Open Access Journals- 170**

AE-0, CE-1, CSE-17, ECE-45, EEE-21, EIE-5, ME-36, IT-6, FED-3, MBA-7, MCA-29 **Total-170.**

#### Civil Engineering Department

1. **A study on Ambient And Traffic Noise Pollution in Vijayawada, A.P, India**, V.Ramakrishna, D.Ashwini, MVN Durga, D.Vamsikrishna, T.Rankumar., International Journal of Current Research(IJCR), 9, 2017, 53943-53951, 0975- 833X.

#### Department of Computer Science Engineering Department



2. **Super Pixel Based Virtual Texture Mapping of Image Synthesis**, D. Veeraiah, T. LeelaSubhasri (M.Tech Student), International Journal of Advanced Research in Computer Science, 8, 2017, 773-781, 0976-5697.
3. **A novel approach for mining cluster data bases using fuzzy link analysis**, D. Veeraiah, D. Vasumathi, International Journal of Applied Engineering Research, 10(7): 18283-18298 · January (2015).
4. **Extracting the Frequent Item Sets by Using Greedy Strategy in Hadoop**, D. Veerendranath, M.Naveen Kumar, IOSR Journal of Computer Engineering, 19, 2017, 2278-0661.
5. **Hierarchical Attribute Based Revocable Data Access Control For Multi Authority Cloud Storage**, B. Sivaramakrishna, IOSR Journal of Computer Engineering, 19, 2017, 91-97, 2278-0661.
6. **Privacy-Preserving Data Mining with Random decision tree framework**, G.V.Rajya Lakshmi, IOSR Journal of Computer Engineering, 19, 2017, 43-49, 2278-0661.
7. **Real-time Big Data Analytics and parallel processing using Hadoop on Remote Sensing data**, A.Rajagopal, IOSR Journal of Computer Engineering, 19, 2017, 29-32, 2278-0661.
8. **On The Node Clone Detection Using Hashing In WSN**, L.V.KrishnaRao, IOSR Journal of Computer Engineering, 19, 2017, 68-73, 2278-0661.
9. **An Efficient General Decentralized Clustering Exploiting HierarchI**, K.NagaPrasanthi, IOSR Journal of Computer Engineering, 19, 2017, 50-55, 2278-0661.
10. **Secure Fair Rendez- Vous Point technique for minimizing meeting location on mobile device**, A.Sudhakar, IOSR Journal of Computer Engineering, 19, 2017, 19-24, 2278-0661.
11. **Opinion Mining on Twitter Data of Movie Reviews using**, G.V.Suresh, IOSR Journal of Computer Engineering, 19, 2017, 19-24, 2278-0661.
12. **An Efficient Data Transmission in Cluster-Based Wireless Sensor Networks by using Advanced LEACH and SET Protocols**, Dr.Ch. VenkataNarayana, IOSR Journal of Computer Engineering, 19, 2017, 61-67, 2278-0661.
13. **Pedestrian Detection by Using Random Decision Algorithm with Support Vector Machine**, M. Sribala, IOSR Journal of Computer Engineering, 19, 2017, 01-04, 2278-0661.
14. **Convergent Encryption Using Deduplication on Hybrid Cloud**, L.KranthiKuma, IOSR Journal of Computer Engineering, 19, 2017, 25-29, 2278-0661.



## **Research & Development Cell**

15. **A Collaborative Web Recommendation System Using Hidden Markov Mode**, T.V.Nagaraju, IOSR Journal of Computer Engineering, 19, 2017, 2278-0661.
16. **Bi-Secting K-Means Of Document Clustering For Forensic Analysis of Computer Inspection**, J.NageswaraRao, IOSR Journal of Computer Engineering, 19, 2017, 2278-0661.
17. **A Novel Multiple Geometric Features for Gender Classification**, Ashok Kumar P.M, Kavitha. D, International Journal of Pure and Applied Mathematics, Academic Publishers, 119 ,14 , 9-18, 2018 , 1314-3395.
18. **Super pixel based virtual texture mapping of image synthesis**, T.L. subhasri, Dr. D.Veeraiah, IOSR Journal of Computer Engineering (IOSR-JCE), 8, 7, 2017, 0976-5697.

### **Department of Electronics and Communication Engineering**

19. **A Shared Multiplier For Effectual Area Of 1024 Point Fast Fourier Transform Processor**, B. Ramesh Reddy, P. Rakesh Kumar, B. Kranthisandhya, International Journal for Research in Applied Science and Engineering Technology (IJRASET), 5 , XI, 2017, 2321-9653.
20. **Design And Implementation Of Zynq-Based Reconfigurable System For Jpeg 2000 Compression**, Y. Amar Babu, P. Rakesh Kumar , M. Anil Kumar, International Journal for Research in Applied Science and Engineering Technology (IJRASET), 5, XI, 2017, 2321-9653.
21. **Fixed Key Point Preserving For Face Recognition Under Non-Uniform Illumination Conditions**, B.Rajeswari , T. Anil Raju, S.Shamili, International Journal for Research in Applied Science and Engineering Technology (IJRASET), 5 ,X, 2017, 2321-9653.
22. **Home Automation using Smart Technology**, P. Rakesh Kumar, Ch. VijayaDurga Prasad , Y. Bharath , G. Rajesh Yadav , V. V. Sai Manoj, International Journal for Research in Electronics and Computer Engineering, 5, XI, 2017, 2321-9653.
23. **Performance Improvement in Multistage Multiuser DS-CDMA System over Rayleigh fading channel**, E.V.Krishnarao, International Journal of Communications, 2, 2017, 2367-8887.
24. **A Smart Student's Attendance System using QR Code**, B. Ramesh Reddy, International Journal of Research, 5 ,12, 2018, 2348-6848.
25. **Arduino Based Electronic Notice Board And Home Appliances Control by Using GSM Technology**, E.V.Krishnarao, International Journal of Engineering Trends and Applications, 5, 2, 2018, 2393-9516.
26. **Chaotic Procure Key Generation And Digital Locking**, A.Narendrababu, International Journal of Creative Research Thoughts, 6, 1 2018, 2320-2882.



27. **Novel Approach for colour object recognition**, A.Narendrababu,, International Journal of Research, 5,12, 2348-6848.
28. **RFID and GSM Based Automatic Toll Collection System Using LPC 2148 Controller**, S.V.Jagadeeshchandra, International Journal of Research, 05, 07 ,2018, 2348-6848.
29. **Coal Mine Safety System using wireless sensor networks and RFID technology**, G.Srinivasarao, International Journal of Research, 05, 12,2018, 2348-6848.
30. **Design of Automatic Irrigation System using Arduino and IoT**, M.V. Sudhakar, International Journal of Research, 05 ,12,2018, 2348-6848.
31. **Human Arm Controlled Wireless Robotic Arm**, M.V. Sudhakar, International Journal of Research, 05 ,12, 2018, , 2348-6848.
32. **Raspberry PI Based Security System**, P.Lachireddy, International Journal of Research, 05 ,12, 2018, , 2348-6848.
33. **Smart Prepaid Electricity Energy Metering and Power Theft Control System using GSM**, Y.S.V.Raman, International Journal of Research, 05 ,12, 2018, , 2348-6848.
34. **Enhanced Security for School bus Tracking System based on RFID, GPS & GSM**, Y.S.V.Raman, International Journal of Research, 05 ,12, 2018, , 2348-6848.
35. **Voice Controlled Home Automation in Unlicensed Bands**, M.Madhavi, International Journal of Research, 05 ,12, 2018, , 2348-6848.
36. **Smart Reader for Visually Impaired People Using Raspberry Pi**, Y. Amar Babu, International Journal of Research, 05 ,12, 2018, , 2348-6848.
37. **Design and Implementation of ZYNQ SOC based Embedded Vision System for Real-Time Applications 2018**, Y.Amarbabu, International Journal of Electronics, Electrical and Computational System, 7, 1, 2018, 2348-117X.
38. **Monitoring Price Tag With Epaper By Using GLOWPAN And MQTT**, B.V.N.R Siva Kumar, International Journal of Research in Engineering, 6 ,8 , 16, 2017.
39. **Advancement in Safety of Vehicle Mechanism using Wireless Sensor Networks**, B.V.N.R.Sivakumar, International Journal of Research, 05 ,12, 2018, , 2348-6848.
40. **Gesture Control Robotic Vehicle**, K.Ranirudrama, International Journal of Research, 05 ,12, 2018, , 2348-6848



## **Research & Development Cell**

41. **Underwater Image Enhancement using Image Fusion Technique**, G. Venkatarao, International Journal of Research, 05 ,12, 2018, , 2348-6848.
42. **Arduino Smart Billing Cart**, K.Sasibhushan, International Journal of Creative Research Thoughts – IJCRT, 6,1, 2320-2882.
43. **System for Smart Parking using Internet ofThings (IoT)**, K.Sasibhushan, International Journal for Research in Applied Science & Engineering Technology, 6, III, 2018, 2321-9653.
44. **Arduino and IoT based Patient Health Monitoring System Using Wi-Fi Module**, Sk. Mastan Sharif , International Journal of Research, 05 ,12, 2018, , 2348-6848.
45. **Dual Band H-shaped Antenna-filter-antenna based frequency selective surface for Q-band applications**, B.Sivahariprasad, International Journal of Creative Research Thoughts, 6,1,2018, 2320-2882.
46. **Vehicle Theft Detection, Accident Detection and Tracking Using GSM and GPS**, .K.Lingamurthy, , International Journal of Research, 05 ,12, 2018, 2348-6848.
47. **Sensing and Actuating Multiple Tasks Using Iot**, B.Rajeswari, International Journal of Research , 05 ,12, 2018, , 2348-6848.
48. **Miniaturization of Rat-race coupler with Harmonic suppression technique**, V.Ravisekharareddy , International Journal of Research, 05 ,12, 2018, , 2348-6848.
49. **Object Following Robot Using Raspberry Pi and Open CV – Python**, L. Srinivasareddy, International Journal of Research, 05 ,12, 2018, , 2348-6848.
50. **Bus Detection System for Blind Using RFID with Prototypes for the Bus Stop and For the Bus**, M.Sivasankararao , International Journal of Research, 05 ,12, 2018, , 2348-6848.
51. **Underground Cable Fault Detection**, International Journal for Research in Applied Science & Engineering Technology, B.Y.V.N.R Swamy, International Journal for Research in Applied Science & Engineering Technology, 05 ,12, 2018, , 2348-6848
52. **Hand Gesture Recognition System Using Image Processing Technique**, G.Venkatrao, International Journal of Research, 05 ,12, 2018, , 2348-6848.
53. **Finger Print Based Electronic Voting Machine**, Chmallikarjunarao,, International Journal of Research, 05 ,12, 2018, , 2348-6848.
54. **An IoT Based Vehicular Pollution Monitoring System Using Arduino**, P.Venkatrao, International Journal of Research, 05 ,12, 2018, , 2348-6848.



## **Research & Development Cell**

55. **Simple Steganographic Algorithm for Lossless Compression**, K V Ashok, International Journal of Research, 05 ,12, 2018, , 2348-6848.
56. **Ultrasonic Blind Walking Stick Using Voice Control through Mobile App**, M.Ramyaharika, International Journal of Research, 05 ,12, 2018, , 2348-6848.
57. **Detection and Preventive Measures of Leaf Diseases Using MATLAB and IOT**, K.Lakshmi, International Journal of Creative Research Thoughts – IJCRT, 2018, 6, 2, 2320-2882.
58. **Crack Detection on Railway Track By Using Voltage Sensor**, T.Kalpana, International Journal of Creative Research Thoughts – IJCRT, 6, 1,2018, , 2320-2882.
59. **Chessboard Recognition and Object movement Identification System Using Real Time Principal Component Analysis Technique**, Ch. V. Naga Bhaskar, International Journal of Robotics and Information Technology, 1, 1, 2017, 2001-5569.
60. **Fast Face Identification System with Occlusions** "International Journal of Research, R.Harikishan, International Journal of Research, 05 ,12, 2018, , 2348-6848.
61. **Face Recognition Enabled Smart Door using Raspberry Pi**, Ch Siva Rama Krishna, International Journal for Innovative Engineering and Management Research, 7,4, 2017, 2456-5083.
62. **Driver Assistance Vehicle with Road Sign Detection using Raspberry Pi**, M V L Bhavani, International Journal of Research, 05 ,12, 2018, , 2348-6848.
63. **Home appliance control system using Raspberry Pi 3 and arduino**, K. Ravi Kumar, International Journal of Research, 05 ,12, 2018, , 2348-6848

### **Department of Electrical and Electronics Engineering**

64. **Two Level Half Bridge Dc-Dc Converter With Reducing Circulating Losses**, P.PragnaSree, J.Sivavara Prasad, , International Journal Of Advance Engineering And Research Development, 4, 10,2017, 2348-4470.
65. **A Three Phase Sensor Less Field Oriented Control For BLDC Motor**, AvgaMarthanda, G.V.Maruteswar, International Journal Of Advance Engineering And Research Development , 4, 11, 2017, 2348-4470.
66. **Passive Islanding Detection Technique For Grid-Connected Photovoltaic System**, S.Prem Kumar, M.Aruna, International Journal Of Advance Engineering And Research Development , 4, 11, 2017, 2348-4470.



67. **Operation of Multilevel Inverters under Unbalanced DC Sources using Neutral Voltage Modulation**, Kandula Ramesh, K. Nagalinga Chary, International Journal Of Latest Engineering Research And Applications (IJLERA) , 02,10, 2017, 2455-7137.
68. **Passive Islanding Detection Technique for Grid-Connected Photovoltaic System in Time Domain Analysis**, D. Devi Vara Prasad, B. Pangedaiah, International Journal Of Latest Engineering Research And Applications (IJLERA),, 02, 09, 2017, 2455-7137.
69. **Closed Loop PI Control For Solar Fed Switched Reluctance Motor Drive Based Water Pumping System**, K. Chinababu,Ch. Rajesh, International Journal Of Latest Engineering Research And Applications (IJLERA), 02, 10, 2017, 2455-7137.
70. **Source Current Harmonics Reduction With Improved Shunt Active Power Filter For Renewable Energy Source**, U. Sai Kumar, J. V. Pavan Chand, International Journal Of Latest Engineering Research And Applications (IJLERA) , 02,10, 2017, 2455-7137.
71. **A Three Phase Closed Loop Vector Control For IPMSM Drive**, R. Manikanta , A.V.G.A. Marthanda, International Journal Of Latest Engineering Research And Applications (IJLERA), 02, 10, 2017, 2455-7137.
72. **Implementation Of A New Control Strategy For Diode-Clamped Multilevel Inverter In Distributed Generation**, K.Mounika Yadav , Mr.K.Sudheer Kumar, International Journal Of Advance Engineering And Research Development, , 4, 10, 2017, 2348-4470(print) , 2348-6406 (online) .
73. **Cascaded Multilevel Inverter Based Active Power Filter For Harmonic Elimination**, G.Nageswara Rao, International Journal Of Electronics, Electrical And Computational System IJEECS, , 7, 3, 2018, 2348-117X.
74. **Selective Harmonic Elimination Technique For A Cascaded Multilevel Inverter Using Intelligent Systems**, G.Nageswara Rao, International Journal of Research in Information Technology, 1, 1, 2017, 2001-5569.
75. **Hybrid Evaluation Technique For The Optimal Switching Angles In Power System**, G.Nageswara Rao, International Journal Of Engineering Technology Science And Research (IJETSRS), 4, 11, 2017, 2394 – 3386.
76. **Analyzing the Effect of Distributed Generators on Economical and Technical Aspects of Distribution Systems**, Chintalapudi V. Suresh, M. S. Giridhar, S. Sivanagaraju, U. Ramanaiah, Indian Journal of Science and Technology, 10,25, 2017, 0974-6846, 0974-5645.
77. **Design of Optimal Torque Control Method for Permanent-Magnet Synchronous Generator**, A.V.RavikumarP.Srihari, K. Nagalinga Chary, Y. Murali Krishna, International





78. **Power Quality Improvement using 24 pulse AC-DC Converter for an Isolated Hydro power generation**, Mrs Vanajakshi, Dr M.Umavani, International Journal of Electronics, Electrical and Computational Research , 6, 11, 2017, 2348-117X.
79. **Decentralized Coordinated control of Multiagent System for Autonomous Micro Grid Operation**, Dr M.Umavani, P. BalaNagu, International Journal of Innovative Engineering and Management Research , 6, 8,2017, 249-257, 2456 – 5083.
80. **Analysis Of Certain Multi Objective Aspect For Distribution Systems In The Presence Of Capacitors Using Modified Optimization Algorithm**, Chintalapudi V Suresh, M.S. Giridhar, .U. Ramanaih, S. Sivanagaraju, I-manager's Journal on Electrical Engineering, 11, 2 l, 2017,26-40, 0973-8835.
81. **Effect of Temperature and Irradiance on Solar Module Performance**, Dr.P.Sobha Rani, Dr.M.S.Giridharmr.R.Sarveswara Prasad, IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE), 13, 2 ,2018, 36-40, 2278-1676, 2320-3331.
82. **PV Based Grid Interconnection At Distribution Level With Power Quality Improvement Features**, P.Ramesh, E. Raghu Babu, International Journal of Advance Engineering and Research Development (IJAERD), 04 11-2017, 1-6, 2348-4470(print), 2348-6406 (online).
83. **An Optimal Selective Harmonic Mitigation Technique in Power System by using Shunt Active Power Filter**, Mrs Vanajakshi, Dr M.Umavani, R.Srinivasa Rao, International Journal for Modern Trends in Science and Technology , 03, 12,2017, 12-15, 2455-3778.
84. **IOT based Home Automation using Arduino and NODEMCU**, V.SivaParvathi, R.Padma, International Journal for Research in Applied Science & Engineering Technology (IJRASET),, 6, IV,2018, 3860-3882m, 2321-9653.

#### **Department of Electronics and Instrumentation Engineering**

85. **Modelling of Surface Assimilation of Water in Load Lock Vacuum System**, T. Satyanarayana , B.Rambabu,G.Anusha, International Journal of Applied Engineering Research (IJAER), 13(11), (2018), 9953-9956.
86. **A Smart system for Four wheelers**, G. Mallikarjuna Rao, K. Pavanai, Journal of Embedded systems & processing, 2 (2) (2017) 1-4.
87. **Paper Based Piezoresistive Sensor Using MEMS**, Prof.G.Mallikarjuna Rao, K.Pavani, International journal of Innovative Research in Electrical, Electronics ,Instrumentation and Control Engineering , 5,XX, (2017), 2321-2004, 2321-5526.



88. **Robot Control by Hand Gestures**, G.Md.Rafi, Journal-MAT, 2(1), (2018),1-5.

89. **Effect of Temperature and Irradiance on Solar Module Performance**, R.Sarveswara Prasad, IOSR Journal of Electrical and Electronics Engineering, 13,2,2018,36-40, 2278-1676, 2320-3331.

#### Department of Mechanical Engineering

90. **Fatigue Behaviour of Al-Si Alloys Subjected to Reversed Bending**, P.V. Chandrasekhar Rao, S. Pichi Reddy, Journal of Manufacturing Engineering, , 12(4), (2017) 218-223, 0973-6867.

91. **Optimization of performance of Water-Lithium Bromide Refrigeration system by second Law analysis using MATLAB**, P.Tharun Sai, K.Appa Rao, International Journal of Advanced engineering and Research development, 5, (2018) 2348-6406.

92. **Influence of parameters on safe design of leaf spring for static and dynamic loading using Finite Element Analysis**, JonnalaSubba Reddy, Internatinal journal of Advanced engineering and Research development, 5, 2018, 2348-6406.

93. **Design and FEA Analysis of Shafting system in a Fleet Support vessel16**, J.VenkataSomireddy, P.V.D.Vivek Kumar, Mallikarjuna Rao Dandu, International journal of Advanced engineering and Research development, 5, 2018,2348-6406.

94. **A Comprehensive review on Friction stir welding of aluminium alloys**, Ch.Ratnam, B.Sudheer Kumar, K.N.D.Malleswara Rao, International journal of Advanced engineering and Research development, 5, 2018, 2348-6406.

95. **Sintering Characteristics of Al-2.3% Cu-1.6% Mg-Fly ash Metal Matrix composites**, SeelamPichi Reddy, MurahariKolli, K.Narayana, P.Sandeep Kumar, International journal for research in Applied science & engineering and technology, 6, 2018, 2321-9653.

96. **Experimental studies on EDM of Al 7075/B4c/Gr Hybrid composite using RSM Box- Behnken Approach**, NareshKolli, Tirumala Rao Chinka, MurahariKolli, International journal for research in applied science & Engineering technology, 5, 2017, 2321-9653.

97. **Improving energy efficiency of a vapour compression refrigeration system using a phase change material**, Mallikarjuna Rao Dandu, Dr.P.Vijay Kumar, J.VenkataSomi Reddy, International Journal of creative research thoughts, 6, 2018, 2320-2882.



98. **Effect of Fiberabgle on Interlaminarstresses of FRP angle Ply Laminate**, Siva SankarBabuCh, Viswandh K.V, VenkateswaraRao.T, SudheerKumar.B, International Journal of creative research thoughts, 6, 2018, 2320-2882.
99. **A Comprehensive review on the finite element analysis of mechanical components**, B.Udaya Lakshmi, K.N.D.Malleswara Rao, V.Sankara Rao, International Journal of creative research thoughts, 6,2018 2320-2882.
100. **CFD analysis of Mixed Ejector**, D.Kameswara Rao, Dr.P.Vijay Kumar, International journal for science and advanced research in technology, 3,2017, 2395-1052.
101. **Performance and Emission Characteristics of CI engine fuelled with Mango seed and Jatropha Biodiesels**, T.Lakshman Kumar, Dr.P.Ravindra Kumar, International Journal for Science and Advance Research in Technology , 3, 2017, 779-783, 2395-1052.
102. **Performance analysis of VCR system by applying Magnetic field to liquid line using R134a Refrigerant**, G.V.V.S.V.Vara Prasad, Dr.K.Dilip Kumar, International Journal for Science and Advance Research in Technology, 3, 8,2017, 2395-1052.
103. **Characteristic comparison of the start-up performance of various working fluids in a Heat pipe at different lengths at different angles**, S.Ashok, K.Lakshmi Prasad, International journal for science and advance research in technology, 3, 2017, 2395-1052.
104. **Experimental investigation of the copper oscillating Heat pipe using Nano fluid**, J.N.V.M.Vamsi Krishna, K.Lakshmi Prasad, A.V.V.R.Prasad Y, International journal for science and advance research in technology, 3, 2017,2395-1052.
105. **Experimental studies on diesel engine fuelled with Cashew nut shell oil as an Alternative fuel**, G.V.V.N..Sivanjaneyulu, V.Dhanaraju, International journal of engineering sciences and Research technology, 2017, 2277-9655.
106. **Experimental investigation on diesel engine using Linseed oil and Sunflower+coconut oil methyl esters**, B.Rajsekhar, Dr.K.Appa Rao, International journal for research in science engineering & technology, 4, 2017, 2394-739X.
107. **CFD analysis of a closed loop pulsating Heat pipe using water and Methanol**, B.Prakash, Dr.P.Vijay Kumar, International journal of current research in Engineering and Technology, 1, 2017.
108. **Heat transfer analysis by simulation on corrugated plate Heat exchanger**, B.SreeChaitanya, Dr.P.Vijay Kumar, International journal for research in science engineering and technology, 4, 2017, 2394-739X



109. **Performance of Air power engine powered with compressed Air and engine exhaust Gas**, A.S.Venkateswara Rao, Dr.P.Ravindra Kumar, Dr.P.Vijay Kumar, International journal of Innovative research in technology, 4, 2017, 2349-6002.
110. **Simulation and performance analysis of solar parabolic trough collector**, M.KusumaKumari, Dr.P.Ravindra Kumar, International journal Thermal Energy and applications, 3, 2017.
111. **Simulation of stress distribution in Leaf spring variable parametric and loading conditions**, JonnalaSubba Reddy, M.Bhavani, J. VenkataSomi Reddy, International journal of Engineering research and technology, , 7,2018, 0974 -3154.
112. **CFD analysis and experimental investigation on Ranque-Hilsch counter flow vortex tube for optimizing tube length by using compressed air**, Sk.Nayeem, Dr.K.Dilip Kumar, International journal of mechanical dynamics and analysis, 3, 2017.
113. **Performance analysis of vortex tube refrigerator**, Sk.Nayeem, Dr.K.Dilip Kumar, International journal for research in science Engineering and technology, 4, 2017, 2394-739X.
114. **Performance enhancement of vapour compression refrigeration system by using solar thermoelectric Sub-cooler**, M.Ravikiran, Dr.K.Dilip Kumar, Journal of Refrigeration, Air conditioning, Heating and ventilation, 4, 2017, 2394-1952
115. **Performance enhancement of R-134a refrigeration cycle by using solar peltiersubcooler**, M.Ravikiran, Dr.K.Dilip Kumar, International journal Thermal Energy and applications, 3, 2017.
116. **Experimental studies on Four stroke diesel engine fuelled with Tamarind seed oil as potential alternative fuel for sustainable green Environment**, V.Dhanaraju, P.S.Kishore, K.Yamini, European Journal of Sustainable Development, 10, 2018, 2542-4742.
117. **Flexural Properties of Bamboo Fiber Reinforced Hybrid Composite**, T.Venkateswara Rao, K.N.D.Malleswara Rao, V.Sankar Rao, B.Sudheer Kumar, International journal of Innovative research in technology, 4-Issue 8, 2018, 2349-6002.
118. **Effect of operational Temperatures in Efficiency of shell and Tube Heat Exchanger**, Kamala Priya.B, International journal of scientific & Engineering Research, 8, 2017, 2229-5518.
119. **Performance of Air Power Engine Fueled with Oxygen Gas, Compressed Air and Engine Exhaust Gas**, S.Venkateswara Rao, Dr.P. Ravindra Kumar, International Journal of Thermal Energy and Applications, 3, 2017.
120. **Fabrication and performance analysis of Prototype PEM Fuel cell Hybrid vehicle**, S.Ramireddy Mallikarjuna Rao Dandu, A V V R Prasad Y, International Journal of Engineering and Techniques, 2018.



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.Reddy Nagar, Mylavaram – 521 230, Andhra Pradesh, INDIA.

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi.

### Research & Development Cell

121. **Processing and Characterization of Sn O<sub>2</sub> thin film fabricated mechanism for suitability of sensor applications**, Jonnalasubbareddy, M.Bhavani, G.Kartheek, J. Venkatasomi Reddy, P. Sandeep Kumar, International Journal of Advance Engineering and Research Development, 2018.
122. **Optimization of a product mix in a paper mill – a case study**, Jonnalasubbareddy, M.Bhavani, G.Kartheek, J. Venkatasomi Reddy, International Journal of Advance Engineering and Research Development, 2018.
123. **Performance of Air Power Engine Fuelled with Oxygen Gas, Compressed Air and Engine Exhaust Gas**, S.Venkateswararao, Dr.P. Ravindra Kumar, International Journal of Thermal Energy and Applications, 2017.
124. **Performance and Emission Characteristics of CI engine fuelled with Mango seed and Jatropha Biodiesels**, Tumma, Lakshman Kumar, Dr.P.Ravindrakumar, International journal for science and advanced research in technology, 2017

#### Information Technology

125. **Chaotic Tornadogenesis Optimization Algorithm for Data Clustering Problems** &quot;, Ravi Kumar Saidala, NagarajuDevarakonda,, International Journal of Software Science and Computational Intelligence, 10, 2018, 38 –65.
126. **Multi-Swarm Whale Optimization Algorithm for Data Clustering Problems Using Multiple Cooperative Strategies** &Quote, Ravi Kumar Saidala, NagarajuDevarakonda, International Journal Of Intelligent Systems And Applications , 9, 2017, 2074-904X, 2074-9058.
127. **A Survey on Possibilities of Analysing Social Media Data For Stock Market Forecasting**, K. Sudhakar S. Naganjaneyulu, International Journal of Emerging Technology & Advanced Engineering, 7, 2017, 75-79, 2250-2459.
128. **A Survey On Computer Automated Trading In Indian Stock Markets**, K. Sudhakar, S.Naganjaneyulu Y. Rama Mohan, International Journal of Mechanical and Production Engineering Research and Development, 8, 2018, 531-540, 2249-6890, 2249-8001.
129. **A Study on Software Quality**, Dr. B. Rama Devi, International Journal of Innovative Research in technology, 4, 2017, 195-198, 2349-6002.
130. **Collaborative Filtering for Location Aware and Personalized Web Service Recommendation**”, VasaviManuraju, Ch. Sambasivarao, International Journal of Engineering Development and Research, 5, 2017, 587-591, 2321-9939.

#### Freshmen Engineering Department



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.Reddy Nagar, Mylavaram – 521 230, Andhra Pradesh, INDIA.

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi.

### Research & Development Cell

131. **Isolation And Characterization of Alkaline Phosphatase Producing Bacteria From Mylavaram Soils, A.P.** , V.Bhagya Lakshmi, Dr. ShahedaNiloufer, Asia Pacific Journal of Research, 2017, 109-110, 2320-5504 2347-4793.
  132. **Removal of Toxic Dyes From Textile Effluents By Using Activated Carbons From Jackfruit Waste** , Dr.T.V.Nagalakshmi, International Journal of Advance Research in Science & Engineering, 06, 2017, 312-327, 2319-8354.
  133. **Studies on physico-chemical paraments of soil samples in rural Vijayawada**, International Journal of Applied and Pure Science and Agriculture, Dr. ShahedaNiloufer, V.Bhagya Lakshmi, International Journal of Applied and Pure Science and Agriculture, 3(7), 2017, 69-71, 2394-5532, 2394-823X.
- Management of Business Administration Department**
134. **Factors of Life Insurance at Household Level: A Case Study**, Dr.V.V.Narsi Reddy, International Journal Of Innovative Research Explorer, 4 (6), 2017, 22-35, 2347-6060.
  135. **“Rank and gender based comparison of HRD sub-systems: a study among non-works executives in RINLVSP”**, SrinivasLakkoju, Lakshmi Tirumala Ch., Pravara Management Review, 16 (2), 2017, 13-21, 0975-7201, 2278-0165.
  136. **Political Sciences (Advancements in Law)**, Mr. K. Ravi KiranYasaswi, Mrs.D.Kalyani, Mr.P.Siva Reddy, AGU International Journal of Research in Social Sciences & Humanities, 5, 2017, 491-493, 2455-1554, 2455-6084.
  137. **Financial Performance Analysis - A Case study with special Reference to ICICI bank**, V.V. Narsi Reddy, A.Adishesha Reddy, GEC's International Journal of Innovation Technology and Management, 3 (1), 2017, 20-26, 2394-594X.
  138. **Trends in Agricultural Product's Exports and Imports of Major SARRC Countries**, Dr. V. V. Narsi Reddy, International Journal of Advance Engineering and Research Development, 5 (2), 2018, 1-8, 2348-4470, 2348-6406.
  139. **Degree of Competition in Indian Manufacturing Firms**, V. V. Narsi Reddy, Asian Journal of Management, 9 (1), 2018, 1-5, 0976-495X 2321-5763 .
  140. **Troubles faced by the Policy holders in client settlements in LIC**, T.ChandraSekhar Yadav, Asian journal of Science and Technology, 8 (8), Sep, 2017, 5638-5640, 0976-3376.
  141. **Influence of Personal and Organizational Variables on HRD Practices, Climate and Their outcome**, Mr.T.ChandraSekhar Yadav, Worldwide Journal of Multi-Disciplinary Research and Development, 4 (4), April,2018, 154-158, 2454-6615

#### Master of Computer Applications



142. **Malware Detection In Infrastructure Service Of Cloud Computing Environment**, Koteswararar Rao, I.Rajendra Kumar, International Journal Of Merging Technology And Advanced Research In Computing, V, 22,2018, 1-12, 2320-1363.
143. **A3P Approach towards improving Privacy for Uploading Images on the Content Sharing Sites**, T Sasikala, I.Rajendra Kumar, International Journal Of Trend In Scientific Research And Development, 2 ,3,2018, 2456- 2459, 2456-6470
144. **Stimulating Approach for Cost Analysis in Activities of software Debugging**, I. Rajendra Kumar, Dr M Babu Reddy, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, 3, 4, 2018, 1240-1246, 2456-3307.
145. **New Method For Making Digital Artifacts On Security Essentials Of Web Verifiable And Reliable.**, Sai Haneesha, Ms R Vijaya, International Journal Of Trend In Scientific Research And Development, 2 3,2018, 2247-2250, 2456 -6470.
146. **A Frame Work For Privacy-Enhanced Personalized Web Search**, L.Sukanya, R Vijaya , International Journal Of Trend In Scientific Research And Development, 2 ,3,2018, 2698 – 2701, 2456 -6470.
147. **Analysis Of Trust-Based Recommendation For Recommendation Model In Data Mining**, N. Sreenivasulu, R Vijaya, International Journal Of Trend In Scientific Research And Development, 2 ,3, 2018, 2506 – 2511, 2456 -6470.
148. **The Behavior Of the Television Audience By TV Rating with Social Networks**, S Sowjanya, R.Vijaya, International Journal Of Trend In Scientific Research And Development, 2 4, 2018, 1-4, 2456 -6470.
149. **Hybrid Association Rules to classify and discovering item sets based on User Knowledge** , R Vijaya, Dr M Babu Reddy, International Journal of Scientific Research in Science, Engineering and Technology, 3 5, 2017, 715-721,2394-4099.
150. **User Ranking And Prediction In Social Networks Through Network Approach** , Naga Jyothi, Ashok Reddy, International Journal of Research , 05, 15,2018, 429-438, 2348-795X.
151. **Ensemble Data Sharing in Cloud Computing**, G. Anjali, P. Ashok Reddy, International Journal of Research, 05, 15,2018, 429-438, 2348-795X.
152. **Advanced Cache Support Path on Roads**, K. Sri Lakshmi, P.Ashok Reddy, International Journal of Research, 05, 12,2018, 3628-3634, 2348-795X.
153. **Advanced Protocol in Cloud Computing**, K. Sindhu, K.Phaneendra, International Journal Of Merging Technology And Advanced Research In Computing, V, 22,2018, 1-6, 2320-1363.



154. **Advanced Auditing In Cloud Computing**, M.Srinivasa Rao, K. Phaneendra, International Journal Of Merging Technology And Advanced Research In Computing, V, 22, 2018, 1-8, 2320-1363/
155. **Implementation Of Fast And Efficient Lossless Compression Of JPEG Coded Image Collections**, M. Koteswrao, K.Phaneendra, International Journal Of Merging Technology And Advanced Research In Computing, V, 22, 2018, 1-13, 2320-1363
156. **A Semantic Way Of Metaphor Through Social Networks : Academics & Life-Style**, P. Satish Kumar, K.Phaneendra, Pendyala john Adinarayana, International Journal Of Merging Technology And Advanced Research In Computing, V, 22,2018, 1-8, 2320-1363.
157. **Self-Adjusting Networks In Distributed Environment Using Splay Net Algorithm**, M. Mahesh Babu, M.HemaLatha, International Journal Of Merging Technology And Advanced Research In Computing, V, 22,2018, 1-7, 2320-1363.
158. **Advanced Security in Cloud Computing**, P. Janaki, M.HemaLatha, International Journal of Research, 05, 5,2018, 439-444, 2348-795X.
159. **Efficient Processing Of Top-K-Dominating Queries On Incomplete Data**, T Siva Naga Raju, M.Hemalatha, International Journal Of Scientific Research In Computer Science, Engineering And Information Technology, 3, 4, 2018, 1148 – 1154, 2456-3307.
160. **Efficient Access Control for security of cloud storage systems using RNS Cryptography**, B.NVSK Gayatri, G.Rajendra, International Journal Of Scientific Research In Computer Science, Engineering And Information Technology, 3, 4, 2018, 403 – 407, 2456-3307.
161. **Work Flow Based Multi Site Aware Big Data Analytics in Cloud Environment**, P Srikanth Reddy, G.Rajendra, International Journal Of Merging Technology And Advanced Research In Computing, V, 22, 2018, 1-6, 2320-1363.
162. **Basic Prototype Analysis on Quality Prediction Methods to Software Systems**, G.Rajendra, Dr M Babu Reddy, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, 3, 2, 2018, 263-267, 2456-3307.
163. **Application of Adaptive Neural Fuzzy Inference System for the prediction of software defects**, G.Rajendra, Dr M Babu Reddy, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, 3, 2, 2018, 263-267, 2456-3307.
164. **Scalable Skyline Computation Using Indexing Method with Partially Ordered Domains**, K. Srinadh, L Narendra, International Journal Of Merging Technology And Advanced Research In Computing, V, 22, 2018, 1-10, 320-1363.
165. **Enhanced Frequent Pattern Mining Using Eeurstps**, R Krishna Kumari, L Narendra, International Journal Of Research , 05, 07,2018, 2286-2292, 2348-795X.





166. **Classification and Evaluation The Privacy Preserving Data Mining Using Anonymizing**, T Sowjanya, L Narendra, International Journal of Computers, Electrical and Advanced Communication Engineering, 1 13, 2018, 27-35, 2250-3129.
167. **Advanced Calculations For Incomplete Information Systems**, T. Jhansi Lakshmi, S Siva Rama , Krishna, International Journal of Research, 05, 15,2018, 439-444, 2348-795X.
168. **Implementing Product Recommendation System In Cold Start Situations Using Microblogging Information**, T. Prasanna Kumar Reddy, S Siva Rama Krishna , International Journal of Computers, Electrical and Advanced Communication Engineering, 1 ,13, 2018, 18-26, 2250-3129.
169. **Blockchain Technology and Security Issues and Challenges in Blockchain**, M.Mallikharjuna, Y Kranthi Kumar, International Journal Of Merging Technology And Advanced Research In Computing, V, 22,2018, 1-12, 2320-1363.
170. **Re-Ranking And Security in Cloud Computing**, Thota Sridevi, Y.Kranthi Kumar, International Journal of Research, 05, 15, 2018, 717-722, 2348-795X.