



## 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.

Accredited by NAAC, NBA Tier-1 for CSE, IT, ECE, EEE & ME and “CPE” status by UGC.

### Research & Development Cell

#### Details of R & D Accomplishments during the A.Y.: 2019-20

i.	No. of SCI papers	: 29
ii.	No. of Papers in Scopus indexed Journals	:126
iii.	No. of Papers in Conf. Proceedings indexed by Scopus	: 12
	<b>Total Papers in SCI &amp; Scopus</b>	<b>: 167</b>
iv.	No. of Open Access Journals	: 150
v.	No. of Papers in General Conf. Proceedings	: 02
vi.	No. of Patents Published	: 13
vii.	No. of Books/Chapters published	: 01
viii.	No. of Grants Received	: 06 (Govt.-5 & Non-Govt.-1)
ix.	No. of Ph.D. Scholars awarded Ph.D.	: 02
x.	No. of Faculty Secured Ph.D.	: 02

#### R & D Publications for the A.Y.: 2019-20 (From 1<sup>st</sup> July 2019 – 30<sup>th</sup> June 2020)

Details of Publications							
S.No.	Dept.	SCI	SCOPUS		Open Access	Other Proceedings	Total
			Journals	Proceedings			
1.	AE	--	01	01	--	01	03
2.	CE	--	06	--	08	--	14
3.	CSE	--	33	03	30	--	66
4.	ECE	03	43	02	28	--	76
5.	EEE	05	08	01	48	--	62
6.	EIE	03	06	--	--	--	09
7.	ME	14	14	04	07	--	39
8.	IT	01	14	01	20	--	36
9.	FED	02	01	--	--	--	03
10.	MBA	01	--	--	01	01	03
11.	MCA	--	--	--	08	--	08
	<b>Total</b>	<b>29</b>	<b>126</b>	<b>12</b>	<b>150</b>	<b>02</b>	<b>319</b>



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### Research & Development Cell

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#### SCI Papers - 29

AE-0, CE-0, CSE-0, ECE-3, EEE-5, EIE-3, ME-14, IT-1, FED-2, MBA-1, MCA-0, **Total-29**

#### Department of Electronics and Communication Engineering

1. **Long-Term Observations Of Stratosphere-Troposphere Exchange Using Mst Radar And Aura MIs Measurements Over A Tropical Station**, GadankiSiddharth Shankar Das, K.V. Suneeth, M. Venkata Ratnam, K.N. Uma, M. Durga Rao, Narendra Babu. A, Radio Science, 55(6) (May 2020), 1944-799X (online) 00486604 (Print)
2. **Optimised Routing And Compressive Sensing Based Data Communication In Wireless Sensor Network**, Venkat Rao. P,Ch. Bala Swamy, IET Communications, 14(6) (April 2020) 982-993, 1751-8636 (online) 1751-8628 (Print)
3. **Design And Analysis of Compact Periodic Slot Multiband Antenna With Defected Ground Structure For Wireless Applications**, Siva Hari Prasad. B,M.V. Prasad, Progress in Electromagnetics Research M, 93(1) (June 2020), 77-87, 1937-8726

#### Department of Electrical and Electronics Engineering

4. **Passive Islanding Detection Technique for Integrated Distributed Generation at Zero Power Balanced Islanding**, Ch. Rami Reddy, K. Harinadha Reddy,International Journal Of Integrated Engineering Vol. 11 NO. 6 (2019), 126-137,2229-838X e-ISSN : 2600-7916
5. **PI, Fuzzy Based Controllers for FACTS Device in Grid Connected PV System, Raghu Thumu**, K. Harinadha Reddy, International Journal Of Integrated Engineering,11(6), (2019) 176-185, 2229-838X e-ISSN : 2600-7916
6. **NDZ Analysis of Various Passive Islanding Detection Methods for Integrated DG System over Balanced Islanding**, Ch. Rami Reddy,K. Harinadha Reddy,International Journal Of Integrated Engineering, 11(8),(2019), 206–220, 2229-838X ;e-ISSN : 2600-7916.
7. **PSO Supported Dual Matrix Converter for Doubly fed Induction Generated Driven by Variable Speed Wind Turbine System**, Ch. Amarendra, K. Harinadha ReddyInternational Journal Of Renewable Energy Research, 10(1),(March,2020),131-142, 1309-0127.
8. **Global maximum power point tracking of solar PV strings using the teaching learning based optimisation technique**, T. Nagadurgaa,P. V. R. L. Narasimhamc and V. S. Vakula, International Journal of Ambient Energy, 1-12, (Feb 2020),0143-0750 (P) 2162-8246 (E)

#### Department of Electronics and Instrumentation Engineering

9. **Preparation and Structural Characterization of P<sub>2</sub>O<sub>5</sub>-CaO-Na<sub>2</sub>O: CuO glasses**,Satyanarayana Talam, Rambabu Busi, Nagarjuna Gunnam,P.Syam Prasad, Venkateswara Rao Penugonda, Journal of Optoelectronics and Advanced Materials, 21(7-8) Aug 2019, 530-535, 1454-4164.



## **Research & Development Cell**

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10. **Optical, Electrical and Photoluminescence Studies on Al<sub>2</sub>O<sub>3</sub> doped PVA Capped ZnO Nanoparticles for Optoelectronic Device Application**, Ravindranadh Koutavarapu, R.K.N.R. Manepalli, B.T.P. Madhav, T. Satyanarayana, G. Nagarjuna, Jaesool Shima, M.C. Rao, Optik International Journal for Light and Electron Optics, 205, Jan 2020, 1-9, **P-ISSN&E-ISSN: 1687-9384&1687-9392**

11. **Modeling and Simulation of H-T shape Capacitive Comb Accelerometer**, Anusha Ganta, Satyanarayana Talam, Neela.R, Helix, 10(1), (Feb 2020), 27-32, 2277-3495&2319-5592.

### **Department of Mechanical Engineering**

12. **Experimental investigation on the performance and emission characteristics of a diesel engine powered with waste mango seed biodiesel blends**, B.Prasanth Kumar, K.Appa Rao, V.Dhanaraju, S.Rami Reddy, D.Mallikarjuna Rao, J.Subba Reddy, International Journal of Ambient Energy, Dec 2019, <https://doi.org/10.1080/01430750.2019.1705911>, ISSN: 2162-8246

13. Experimental optimization of mechanical properties of Al<sub>70</sub>10/B<sub>4</sub>C/BN hybrid metal matrix nanocomposites using Taguchi technique, Gopichand Dirisenapu, Lingaraju Dumpala, **Pichi Reddy Seelam**, Materials Research Express, 6(10), (Aug 2019), 2053-1591. <https://doi.org/10.1088/2053-1591/ab3bf8>,

14. **The effect of B<sub>4</sub>C and BN nanoparticles on the mechanical and microstructural properties of Al<sub>70</sub>10 hybrid metal matrix**, Gopichand Dirisenapu, Lingaraju Dumpala, Pichi Reddy Seelam, Materials Research Express, Vol. 6, Issue 10, Sep 2019, 2053-1591. <https://doi.org/10.1088/2053-1591/ab3d6d>

15. **The influence of B<sub>4</sub>C and BN nano particles on Al 7010 hybrid metal matrix nanocomposites**, Gopichand Dirisenapu, Lingaraju Dumpala, Seelam Pichi Reddy, Emerging Materials Research, 9(3), (Sep 2019), 558-563, 2053-1591 <https://doi.org/10.1088/2053-1591/ab3d6d>

16. **Assessment of performance, combustion and emission characteristics of the diesel engine powered with corn biodiesel blends**, E.Ramakrishna Reddy, Y.Subbalakshmi, V.Dhana Raju, K.Appa Rao, M.Harun Kumar, S.Rami Reddy, P.Tharun Sai, International Journal of Ambient Energy, July 2019, <https://doi.org/10.1080/01430750.2019.1636867>, ISSN: 2162-8246.

17. **Experimental studies on the influence of antioxidant additive with waste tamarind biodiesel on the diverse characteristics of diesel engine**, V.Dhana Raju, K.Saibabu, K.Appa Rao, S.Rami Reddy, P.Tharun Sai, International Journal of Ambient Energy, July 2019, 1-11, 2162-8246. <https://doi.org/10.1080/01430750.2019.1636871>.

18. **Novel Water Hyacinth biodiesel as a potential alternative fuel for existing unmodified diesel engine: Performance, Combustion and Emission characteristics**, Karthikeyan Alagu, Harish Venu, Jayaprabhakar Jayaraman, V.Dhana Raju, Lingesan Subramani, Prabhu Appavu, Dhanasekar S, Energy, 179, July 2019, 295-305, 0360-5442. <https://doi.org/10.1016/j.energy.2019.04.207>.



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### Research & Development Cell

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19. **Emission reduction in DI diesel engine using exhaust gas recirculation (EGR) of palm biodiesel blended with TiO<sub>2</sub> nano additives**, Harish Venu, L.Subramani, V. Dhana Raju, Renewable Energy, 140, Sep 2019, 245-263, 0960-1481.<https://doi.org/10.1016/j.renene.2019.03.078>,
20. **Effect of 1-butanol on the characteristics diesel engine powered with novel tamarind biodiesel for the future sustainable energy source**, DLSVN Swamy, Y.Kowsik, V.Dhanaraju, K.Appa Rao, Harish Venu, L.Subramani, K.Bala Prasad, Energy Sources Part A: Recovery, Utilization and Environmental effects, Oct 2019,1-20, , 1556-7230 (Online), 1556-7036 (Print).<https://doi.org/10.1080/15567036.2019.1675810>.
21. **Experimental assessment on the regulated and unregulated emissions of DI diesel engine fuelled with Chlorella emersonii methyl ester (CEME)**,Harish Venu, V.Dhana Raju, LingesanSubramani, Renewable Energy, 151, (May 2020),88-102, 0960-1481<https://doi.org/10.1016/j.renene.2019.11.010>.
22. **Experimental assessment of various fuel additives on the performance and emission characteristics of the spark ignition engine**, T.Srinivas Rao, Sk.JakeerHussain, V.Dhanaraju, Harish Venu, Lingesan Subramani, International Journal of Ambient Energy, Dec 2019,2162-8246 <https://doi.org/10.1080/01430750.2019.1694987>
23. **Effect of EGR on diverse characteristics of diesel engine operated with corn seed biodiesel blend**, E.Rama Krishna Reddy, BVS Keerthana, V.Dhana Raju, A.SaiMahith and B.Dhanush, International journal of Ambient Energy, March 2020, 2162-8246.<https://doi.org/10.1080/01430750.2020.1745275>
24. **Experimental study on engine parameters variation in CRDI engine fuelled with palm biodiesel**, A.Naresh Kumar, P.S.Kishore, K.Brahma Raju, K.Nanthagopal, B.Ashok, Fuel, 276, May 2020, 1-13, 0016-2361 <https://doi.org/10.1016/j.fuel.2020.118076>
25. **Influence of decanol as fuel additive on the diverse characteristics of the diesel engine powered with mango seed biodiesel blend**, S.Rami Reddy, G.Murali, V. Dhana Raju, International journal of Ambient Energy, June 2020, 1-15, 2162-8246 <https://doi.org/10.1080/01430750.2020.1783356>.

#### Information Technology

26. **Optimizing parameters in algorithm trading using map reduce on Indian stock exchange**, S. Naganjaneyulu, Kalva Sudhakar Journal of statistics and management system, 23(2), (20 April 2020),389-397,0972-0510(P), 2169-0014(E)[\[Available in Archives and Journal is available in mjl Clarivate\]](#)

#### Freshmen Engineering Department

27. **Efficacy of copper ions on lithium ion conductivity, electron hopping, optical band gap, metallization criterion and morphology of Li<sub>2</sub>O-B<sub>2</sub>O<sub>3</sub>-P<sub>2</sub>O<sub>5</sub> glasses**, S. Yusub, V. Aruna, M. Venkateswarlu, A. Ramesh Babu, K. Anitha, Journal of Non-Crystalline Solids, 536, (12, May 2020), 120015, 0022-3093.



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### Research & Development Cell

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28. **Ascendancy of iron ions on lithium ion conductivity, optical band gap, Urbach energy and topology of LiF-SrO-B<sub>2</sub>O<sub>3</sub> glasses**, S. Yusub, A. Ramesh Babu, Journal of Non-Crystalline Solids, 533, (1-Apr-20), 119906, 0022-3093.

#### Management of Business Administration Department

29. **Work-life satisfaction in academia: myth or reality?**, Srinivas. L, DECISION, 47, 2, Jun-2020, 153-176, 0304-0941, <https://doi.org/10.1007/s40622-020-00243-9>-3878.

#### Scopus Papers - 126

AE-1, CE-6, CSE-33, ECE-43, EEE-8, EIE-6, FED-1, ME-14, IT-14, MBA-0, MCA-0, **Total-126**

#### Aerospace Engineering Department

1. **Experimental and Computational Investigations on Flow Characteristics of Supersonic Ejector**, E. Sri Ramy, P. Lovaraju, I. Dakshina Murthy, S. Thanigaiarasu, E. Radhakrishnan, International Review of Aerospace Engineering, 13(1) (Feb 2020) 1-9, 1943-023X, <https://doi.org/10.15866/irease.v13i1.18108>.

#### Civil Engineering Department

2. **Influence of fly ash on the properties of recycled coarse aggregate concrete**, B.Rama Krishna, B. Harshini, G.N.K. Iswarya Lakshmi, k. Sangireddy, K. Pavana Krishna Prasad, International Journal of Emerging Trends in Engineering Research, 8(5) (May 2020), 2097-2100, 2347-3983
3. **Properties of GGBS Concrete Under Various Curing Conditions**, B. Rama KrishnaK. Harish Kumar , T. Mani Kumar , I. Likitha, International Journal of Emerging Trends in Engineering Research, 8(4) (April 2020), 1384-1387, 2347-3983
4. **Level of Service of Roads in Vijayawada**, M.Manoj Kumar, S.HariPrasanna Rao, B.Lalithya, P.SaiBhargavi, A.Pavankumar, International Journal Of Recent Technology And Engineering, 8(2) (July 2019),1373-1378,, 2277-3878
5. **Determining the Strength Properties of Concrete using Plastic Waste (Synthetic Polymers & Thermoplastic Polymer Resins)**, G. Rambabu, P.Mohana Ganga Raju, J. Eeshwar Ram, International Journal Of Recent Technology And Engineering, 8(2) (July 2019),1314-1316,2277-3878
6. **Quality Improvement On Properties Of Concrete By Using Lightweight Aggregates**, K. Harish Kumar,T. Sai Teja, B. Ramesh, International Journal Of Recent Technology And Engineering, 8(2) (July 2019),4550-4554,2277-3878
7. **An Experimental Study on Effect of Replacing Natural Sand by Quarry Dust and Saw Dust on Properties of Concrete**, K. Harish Kumar , K. Chandra VenkataShabarish , G. Bhanu , K. DurgaVara Prasad, Ch. Satish Kumar, International Journal of Emerging Trends in Engineering Research, 8(5) (May 2020), 1906-19142347-3983



**Department of Computer Science Engineering Department**

8. **Discernment of Objects Using Common Objects Context Dataset**, D. Veeraiah, Anusha, S.SaiJaswanth, A.N.V.S Sakthi Swaroop, K.Manasa, Jour of Adv Research in Dynamical & Control Systems, 12(2), March-2020, 1038-1043, 2020, DOI:10.5373/JARDCS/V12I2/S20201132
9. **Dynamic And Advanced Security For DataStorage In Distributed Environment**, Veeraiah. D, Kruthiventy Bhargavi, International Journal of Innovative Technology and Exploring Engineering, 8(9S2), July 2019, 830-833, 2278-3075.
10. **Accidents Risk Reducing System**, D. Veeraiah, S.Sowmya, M.Sai Kumar, V.Swathi, L.Sai Sravan, International Journal of Advanced Science and Technology, IJAST, 29(03), (March-2020), 5911 – 5916, 2005-4238.
11. **Emotion Sensing Facial Recognition**, O.RamaDevi, G.SivaSupraja, G.Swathi, J.Vijaya, B.VaraPrasad, Jour of Adv Research in Dynamical & Control Systems, 12(02), 916-922, 2020, DOI: 10.5373/JARDCS/V12I2/S20201115
12. **Research On Sensation Recognition Using Mobile Phones**, Ramadevi Odugu, B.Rama Devi, B.Srinivara Rao, International Journal of Engineering and Advanced Technology (IJEAT), 8(6), August 2019, 3763-3768, 2249 – 8958
13. **Real Time Fast and Accurate Brain Sinus Detection by DM-RPC with Vessel Segmentation Classification by Logistic Regression Machine Learning Algorithm**, M. Srinivasa Rao, S. Narayana, Hari Prasad Chandika, Jour of Adv Research in Dynamical & Control Systems, 12(3), 2020, 30-40, 1943-023X
14. **Automated Testing Analysis On Machine Learning Models To Predict Branch Coverage**, P.Ashok Reddy, V Prem Sai, V Narasimha Rao, D Hymavathi, G Kalyani, International Journal of Advanced Science and Technology, 29(05), (2020), 915-922,
15. **Image Caption To Voice Generation Using Deep Learning**, Naga Prasanthi. K, S. Naga Sai Damodhar, K. Gayathri, M. Bala Vamsi, K. Rahul Pramod, Jour Of Adv Research In Dynamical & Control Systems, 12(2), 897, 943-023X.
16. **A Novel Method Of Privacy Preserving Classification Mining Balancing Utility And Accuracy**, Naga Prasanthi. K, Mvp Chandra Sekhara Rao, Jour of Adv Research in Dynamical & Control Systems, 11(05), July-2019, 577-587
17. **Handling Missing Data For Big Data Using Parallel Miss Forest Imputation Method**, G.V.Suresh, Krishna Rao. L.V, Ch.Srinivasa Rao, Jour Of Adv Research In Dynamical & Control Systems, 7(07), June-2020, 2570-2578, 1943-023X.
18. **Effective Prediction Techniques Of Chronic Kidney Disease With Distinct Classification Methods**, M. SriBala, T.Kavya, T.VijayKrishna, M.SaiPrasanth, R.Phani, Jour of Adv Research in Dynamical & Control Systems, 12(02), March-2020, 854-858 DOI: 10.5373/JARDCS/V12I2/S20201105.
19. **Detection and Classification of Rice Leaf Diseases Using Deep Learning**, D. Srinivasa Rao, N.Kavya, S.Naveen Kumar L.Yasaswi Venkat N.Pranay Kumar, International Journal of Advanced Science and Technology 29(03), (March-2020), 5868- 5874, 2005-4238.



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### Research & Development Cell

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20. **Analyzing Safety of Women in India using Bow**, A.S. Rama Chandra Murthy, J. Phanikanth K. Prudhvi Venkata Teja T. Veena Apurupa A. Vinay Kumar Reddy, International Journal of Advanced Science and Technology, 29(03), (March-2020), 5890- 5894, 2005-4238.
21. **Classification and identification of loyal customers Using machine learning**, B. Siva Rama Krishna, P. Sai Krishna, P. V. K. Priya, M. Gopi Sainath, G. Sai Kumar, Jour of Adv Research in Dynamical & Control Systems, 12(02), 859-866, March-2020
22. **MoDdensity Based Document Clustering** Using Tf-Idf Approach, A. Raja Gopal, Bandaru Siva Sai, Jaya Prakash Pediredla, Banka Charan, Modugapalli Praneeth Kumar, Jour of Adv Research in Dynamical & Control Systems, 12(02), 835-844, March-2020, DOI: 10.5373/JARDCS/V12I2/S20201103, .
23. **Implementation of Attendance Scheme using Face Recognition Algorithm**, G. Balu Narasimha Rao, B. Venkata Anusha Ch. Amruth A. Sindhu G. Trishore Baji, International Journal of Advanced Science and Technology, 29(03), (March-2020), 5904 – 5910, 2005-423
24. **Content image Retrieval Based on using open Computer Vision and Deep**, J. Nageswara Rao, Rambabu Busi, G Rajendra Kumar, U. Surya Kameswari, International Journal of Advanced Science and Technology Learning Techniques, IJAST, 29(03), (April-2020) 5926 – 5933, 2005-4238.
25. **A New Analysis on Assessment of Sentiments Using EEG Signals and BCI**, Rambabu Busi, J. Nageswara Rao, G Rajendra Kumar, H. Sudhakar, Jour. of Adv Research in Dynamical & Control Systems, 12(02), Mar-2020, 1044-1047.
26. **Twitter Sentiment Analysis for Different Business Applications**, J. Nageswara Rao, Y. Durga Malleswari, K. Teja Krishna, CH. Vishnu Sai, Y. Ramya Sri, Jour of Adv Research in Dynamical & Control Systems, 12(02), March-2020, 1048-1055, DOI: 10.5373/JARDCS/V12I2/S20201134,.
27. **A Study of fraud detection approaches in Credit Card Transactions**, L.V. Krishna Rao, S. Satyanarayana, R. Iswarya, D. Kalyan Kumar, T. Narasimha Rao, Jour of Adv Research in Dynamical & Control Systems, 12(02), March-2020, 905-909 DOI: 10.5373/JARDCS/V12I2/S20201113,.
28. **Classification of Fake Online Reviews**, G.V. Rajyalakshmi, K. Sai Swetha, A. Sri Harsha, Md. Nissar Khan, Y. Rajasekhar, Jour of Adv Research in Dynamical & Control Systems, 12(3), March-2020, 910-915. DOI: 10.5373/JARDCS/V12I2/S20201114,.
29. **An Enhanced Automatic Song Genres Classification Using Deep Learning Technique**, A. Sudhakar, V. Bhargav Durga Prasad G. Krishna Reddy T. Sai Nikhil B. Komal Sai, International Journal of Advanced Science and Technology, IJAST, 29(03), (March-2020), 5899- 5903, 2005-4238.
30. **Spam Email Detection using Rnn and Comparitive Study with Knn And Logistics**, T. Uday Kumar, V. Sravanthi, G. Anvitha, A. Anusha, M. Rajesh, Jour of Adv Research in Dynamical & Control Systems, 12(3), 845-853, March-2020 DOI: 10.5373/JARDCS/V12I2/S20201104.



## **Research & Development Cell**

31. **Identification Of Fake Users And Spammers On Social Media**, V. Siva Krishna, Y. Spandana, V Revathi, S Yaswanth, S. Durga Reddy, Jour of Adv Research in Dynamical & Control Systems, 12(3), March-2020. DOI: 10.5373/JARDCS/V12I2/S20201124
  32. **Phishing URL Detection Using Random Forest Classifier**, T.N.V.S.Praveen, V.Keerthy, G.Mohan Krishna, K.Mounika, M.Venkata Gopi, Jour of Adv Research in Dynamical & Control Systems, 12(02), 879-884, March-2020, DOI: 10.5373/JARDCS/V12I2/S20201109, .
  33. **Object Perception in Image**, N.V.Naik, N.Lahari, A.V.Rama Chari, P.Sneha, B.Shanmuk, Jour of Adv Research in Dynamical & Control Systems, 12(02), March-2020, 944-948, 2020, DOI: 10.5373/JARDCS/V12I2/S20201119, .
  34. **An Application for Secured Deduplication of Multimedia Data in Cloud**, N. Srinivasa rao, J. Pavan Kumar Reddy, D. Pavan Kumar, P. Nalini, B. Thirupathi Rao, Jour of Adv Research in Dynamical & Control Systems, 12(02), March-2020, 949-954, 2020, DOI: 10.5373/JARDCS/V12I2/S2020120, .
  35. **ERA: Emergency Rescue Application using Android**, Sk.Johny Basha, S. Gowtham Kumar, J. Krupa Sangeeth, N. Amulya Keerthana, G. Keerthi Priya, Jour of Adv Research in Dynamical & Control Systems, 12(02), March-2020, 931-935 DOI: 10.5373/JARDCS/V12I2/S20201117.
  36. **Research of Various Data Mining Techniques For Iot Applications**, Sk. Johny Basha, MVV. Subramanyam, International Journal of Recent Technology and Engineering (IJRTE), 8(2S11), September 2019, 1083-1086, 2277-3878.
  37. **Online Deceptive Reviews Detection**, Ch. Srinivasa Rao, M.Sai Kumari, Y.Mahesh S.Durga Risheta, L.S.Prasanna, International Journal of Advanced Science and Technology, IJAST, 29 (03), (March-2020), 5895- 5898, 2005-4238.
  38. **Face Recognition and Classification**, A.Praneetha, K.Nagamani, P.Yasawini, P.Vinod Kumar, A.Sasi Kumar Jour of Adv Research in Dynamical & Control Systems, 12(3), March-2020, 890-896. DOI: 10.5373/JARDCS/V12I2/S20201111
  39. **Detecting Fake News using NLP and Machine Learning Classification Algorithms**, S.Srinivasa Reddy, M. Akhila, S. Hinduja, R. Hari Durga Reddy, B. Vijaya Lakshmi, Jour of Adv Research in Dynamical & Control Systems, 12(02), March-2020, 885-889 DOI: 10.5373/JARDCS/V12I2/S20201110.
  40. **Churn Detection Model in Telecommunication Using Machine Learning Techniques**, Ch.Ratnajyothi, Neha Basavanaboyina, S.Vijaya Lakshmi, B.Akhila, A.Rahul Sai, Jour of Adv Research in Dynamical & Control Systems, 12(02), March-2020, 936-940. DOI: 10.5373/JARDCS/V12I2/S20201118
- Department of Electronics and Communication Engineering**
41. **Design, Implementation And Performance Analysis of Iot Based Smart Irrigation System For Paddy And Maize Fields**, Amar Babu. Y, Sri Krishna Priya K. Reshma A.V. Satyanarayana D. Vinay, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 667-676, 19430-023X
  42. **Extraction, Segmentation And Exudates Detection In Retinal Vessels Using Morphological And Clustering With Neural Networks**, Ramesh Reddy. B, S.V. Pratyusha





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### Research & Development Cell

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Mohammad Ayesha T.Lakshmi Priyanka U. Seshagiri Rao, International Journal of Advanced Science And Technology, 29 (3) (March 2020) 5880-5889 289,2005-4238 (Print) 2207-6360 (Online)

43. **Retinal Blood Vessel Sectionalisation Of Optical Fundus Images Using Gabor Wavelet Transform**, Ramesh Reddy. B, T. Praveen Kumar M. Sowjanya R. Prudhvi T. Jeevan Kumar, Journal of Advanced Research In Dynamical And Control Systems, 12 (2) (March 2020) 1166-1173 ,19430-023X.
44. **Web Server Based Patient Monitoring System Using Lab View**, Narendra Babu. A , E.V. Krishna Rao, Yarramilli Sri Venkata Raman, S. Vyshnavi, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 1374-1378 ,19430-023X
45. **Intelligent Detection of Vehicles During Poor Vision**, Narendra Babu. A , E.V.Krishna Rao , Yarramilli Sri Venkata Raman, Thanuja, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 1179-1185 ,19430-023X
46. **Design Of 10 Gbps Optical Fiber Link Using Bragg Grating**, Venkata Sudhakar Muppidi, Journal of Advanced Research In Dynamical & Control Systems. 12(6) (June 2020) 959-962 ,19430-023X
47. **Voice Assisted Cancer Prognostication Using Machine Learning**, Venkata Sudhakar Muppidi, B. Hrudini, G. Sushma, S. Lokesh, N. Sandeep, International Journal of Control And Automation, 13(3) (May 2020) 77-84 ,20054297
48. **Development of Alerting And Monitoring System For Manhole Management Using IoT**, Venkata Sudhakar Muppidi , P. Bhavya Sree, . Surya Teja, John Saida, International Journal of Advanced Science And Technology, 29(5) (April 2020) 816-821,2005-4238 (Print) 2207-6360 (Online)
49. **Smart Agriculture And Home Automation Using Google Assistance**, Lachi Reddy Poreddy , T.Bharath G.Harish Reddy B.Chinna Dibbaiah G. Sri Bargava Sai, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 965-971,19430-023X
50. **Gsm Path Planning For Blind People Sing Ultrasonic Sensor**, Lachi Reddy Poreddy, Ch.Sai Ahalya, S. Manoj Reddy, S. Aravind, N. Gopi, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 603-609 ,19430-023X
51. **System-On-Chip-Architecture-Information-Model-Based-VLSI-Hierarchical-Floorplanning**, Rajasekhara Reddy Kallam, Gundala Srinivasulu, International Journal of Scientific & Technology Research, 8(10) (October 2019) 1471-1474, 2277-8616
52. **Development of Power And Performance Efficient 32-Bit Variable Latency Parallel Prefix Adder**, Srinivasulu Gundala, Rajani Kumari, International Journal of Scientific and Technology Research, 9(4) (April 2020) 3794-3798, 2277-8616
53. **Blackbox Model Based Vlsi Hierarchical Floorplanning**, Gundala Srinivasulu, Rajasekhara Reddy Kallam, International Journal Of Engineering And Advanced Technology, 8(6) (August 2019) 2604-2607 ISSN: 2249-8958 (online)
54. **Detection of Rhythm Power Reduction In Alzheimer’s Disease Related Disorders**, G.L.N.Murthy Ch.Lakshmi Sindhura T. Vara Lakshmi D. Abhijet G Sai, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 616-622,19430-023X



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### Research & Development Cell

---

55. **Delineation of Putamen From The Brain Magnetic Resonance Image For Parkinson Disease Related Applications**, G.L.N.Murthy ,Sk. Gousie Mohiddin, B.Saida Reddy, Y.Md.Imran, M.Durga Prasad Reddy, International Journal of Advanced Science And Technology, 29(3) (February 2020) 3630-3635 ,2005-4238 (Print) 2207-6360 (Online)
56. **Design And Analysis Of Compact Dual Band Pentagonal Circular Ring Patch Antenna With Defeted Ground Structure For Wireless Applications**, B.Y.V.N.R.Swamy , V. Deepak , K. Sai Tej , T. Akshay , B. BhuvaneshJournal of Advanced Research In Dynamical & Control Systems, 12(2) March 2020 (697-703) ,19430-023X
57. **Rechargeable Electric Energy Meter Using Gsm And Arduino**, B.Y.V.N.R.Swamy , S. Yeswanth, S.V. Alekhya, A. Pavan Sai, B. Amulya, Journal of Advanced Research In Dynamical & Control Systems, 12(2) March 2020 (714-720),19430-023X
58. **Design And Analysis of Multiband Microstrip Patch Antenna With Defected Ground Structue For Wireless And Saellite Communication Applications**, Rakesh Kumar Prathipati, M. Pujitha, U. Shanmukha Nadh , G. Bindhu Sai, J. Sivaji Naik, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 623-635,19430-023X
59. **Design And Analysis of Compact Ultra Wideband Microstrip Patch Antenna Using Defected Ground Structure For Wireless Applications**, Rakesh Kumar Prathipati , M.Pavan Swaroop Reddy, Mary Stella, Sk. Ameer Hussain Maa, A. Naga Sai Kumar Reddy, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 636-645, 19430-023X
60. **Speech Enhancement Using Neural Network**, Ravi Kumar. K , Ramya Sai K. Lakshmi Prasanna, K. Venkata Narsamma, P.V. Subbaiah, Journal of Advanced Research In Dynamical & Control Systems, 12(2) March 2020 2328-2334 , 19430-023X
61. **Wireless E-Notice Board Using Html Software**, Rama krishna. V.V, Ch. Sneha Latha , D. Rajesh , M. Vijay, B. Madhav Reddy, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 1360-1366 ,19430-023X
62. **Integration of Blockchain Technology In Iot For High Level Security**, Bvnr Siva KumarKallam, Siva Naga Lakshmi Pavani, International Journal of Innovative Technology And Exploring Engineering, 8(10) (August 2019) 491-497, 2278-3075 (online)
63. **Applicability of Blockchain Technology In Communication Of Data Using Raspberry Pi As Server**, Bvnr Siva Kumar Kallam Siva Naga Lakshmi Pavani, International Journal of Innovative Technology And Exploring Engineering, 8(10) (August 2019) 4264-4268 2278-3075 (online)
64. **Design Of Optimized Low Power Multiplier Using CMOS Pass Transistor Technology**, Rani Rudrama. K, A.T.L. Durga Bhavani, G. Uday, M. Anusha , A. Nikhil Reddy, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 646-654 , 19430-023X
65. **Novel Approach To Design And Implementation Of Efficient Multiplier Using Urdhav Triyakbhyam Sutra**, Rani Rudrama. K, V. Sireesha , V. Bhanu Prasad , T. Lavanya, P. Naga Jyothi, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 655-660, 19430-023X



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### Research & Development Cell

---

66. **5 G Massive MIMO Networks Along With Maximal Spectral Efficiency And Configurations Of Antenna**, Sasi Bhushan. K , T. Anjala Thriveni, B. Sri Pushpa Latha, Y. Vamsi Krishna, Ch. Venkata Siva Shankar, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 704-713 ,19430-023X
67. **Analysis of Brain Tumor Using Anisotropic Filtering And Svm Classifier**, Sasi Bhushan. K , K.T.N.V. Prasad, A. Binusha, K. Lavanya, P. Naveen, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 1399-1402 ,19430-023X
68. **Children Tracking System Using Gps And Rfid Technology**, Siva Hari Prasad. B , T. Sai Spandana, G. Venkatesh, S. Venkata Avinash, G. Chandu, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 677-684 ,19430-023X
69. **Design And Analysis of UWB Circular Ring Antenna With Defected Ground Structure**, Siva Hari Prasad. B, K. Anusha, S.N.S. Sandhya, T. Roopteja Reddy, K. Aishwarya, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 685-696 ,19430-023X
70. **Novel Approach For Image Cryptography**, Linga Murthy. M.K, D. Bhargavi, V. Nagamani, S. Divya, P. Jagadeesh, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 721-726, 19430-023X
71. **Hybrid Model For Handwritten Character Recognition Using Neural Networks**, Linga Murthy. M.K, T.R.S. Ruchitha , P. Jagadeesh, Md. Shahed Hassan, B. Vijaya Durga, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 727-733 ,19430-023X
72. **Design of Harmonic Suppressed Branch Line Coupler With Size Reduction Using Three Shunt Open Stub Unit**, Ravisekhara Reddy. V, G.V. Sai Divya B. Bhanu Prakash B. Ravi Shankar J. Sailaja, International Journal of Advanced Science And Technology, 29(3) (February 2020) 3651-3659 ,2005-4238 (Print) 2207-6360 (Online)
73. **Design of Harmonic Suppressed Rat Race Coupler With Size Reduction Using Single Shunt Open Stub Unit**, Ravisekhara Reddy. V G. Rajeswari B. Sandeep S. Ravali Prabhu Kiran, International Journal of Advanced Science And Technology, 29(3) (February 2020) 3641-3650, 2005-4238 (Print) 2207-6360 (Online)
74. **Online Signature Verification By Using Knn Algorithm**, Sivasankara Rao. M B. Yogithasingh V. Naveen Kumar N. Kiranmai Sk. Mohiddin, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 1072-1079 ,19430-023X
75. **Spatial Encoding Of Asl Images Using Time Encoding Transform Techniques**, Rajeswari. B, R.V. Krishnachary, S. Bhanuvikas , B. Prasad, N. Kamalteja, International Journal of Advanced Science And Technology, 29(5) (April 2020) 274-281, 2005-4238 (Print) 2207-6360 (Online)
76. **Efficient Cluster Head Selection And Optimized Routing In Wireless Sensor Networks Using, Bio-Inspired Earthworm Optimization Algorithm**, Venkat Rao. P, Ch. Balaswamy, Journal of Advanced Research In Dynamic & Control Systems, 11(12) (November 2019) 372-382, 19430-023X



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Accredited by NAAC, NBA Tier-1 for CSE, IT, ECE, EEE & ME and “CPE” status by UGC.

### Research & Development Cell

---

77. **Integration Of Compressive Sensing And Clustering In Wireless Sensor Networks Using Block Tridiagonal Matrix Method**, Venkat Rao. P,Ch. Balaswamy, International Journal Of Engineering And Advanced Technology, 8(6s2) (August 2019) 901-906 ,2249-8958 (online)
78. **Advanced Security And Assisting System Based On Face And Eye Blink De26tection**, P. Venkateswara Rao, B. Naresh, B. Adithya Singh, K. Lavanya Ch. Keerthi, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 1174-1178, 19430-023X
79. **Counterfeit Currency Note Detection Using Matlab**, Bhavani. M.V.L, Venkata Manikrishna, V. Sai Kiran, P. Bala Vardhan, P. Jayakanth, Journal of Advanced Research In Dynamical & Control Systems,12(2) (March 2020) 610-615, 19430-023X
80. **Intelligent Vehicle Communication For Collision Avoidance**, Sivaramakrishna. Ch, R. Kiran Kumar, K. Suresh, D. Bala Pavan Kumar, U. Jayanth, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 1063-1071,19430-023X
81. **Blood Grouping And Viral Fever Detection Through Image Processing**, Sambasiva Reddy Mula, B. Sandilya , V. Venugopal Reddy, K. Keerthi, V. Neelima, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 661-666 ,19430-023X
82. **Intelligent Fire Accident Control System In Trains**,Lakshmi. K , T. Bhagyasree M. Annapurna M. Sudhatri, Journal of Advanced Research In Dynamical & Control Systems, 12(2) (March 2020) 972-977, 19430-023X
83. **Microcontroller Based Automatic Waste Segregation System**,Ashok. K.V, P. Sravani, Ch. Krishna Veni, M. AnushaInternational Journal of Advanced Science And Technology, 29(5) (April 2020) 282-289 ,2005-4238 (Print) 2207-6360 (Online)

#### Department of Electrical and Electronics Engineering

84. **Enhanced Performance of Induction Motor with Direct Field Oriented Control Drive using Space Vector Pulse Width Modulation**, G.Nageswara Rao, K.R.L.Prasad, J.Sivavara Prasad, International Journal of Recent Technology and Engineering (IJRTE), 8 (2S8) (August 2019), 1052-1057, 2277-3878
85. **Design Analysis and Implementation of a Three Phase Seven Level PV & Wind based Microgrid**, Sudha Dukkupati, A V G A Marthanda, G G Rajasekhar, Malligunta Kiran Kumar, International Journal of Innovative Technology and Exploring Engineering (IJITEE),8 (10) (August 2019),4495-4498, 2278-3075
86. **Analysis of Various Control Schemes of Dynamic Voltage Restorer for Power Quality Improvement in Distribution System**, S. V. R. Lakshmi Kumari, M. Uma Vani, International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-8(9S3)(July 2019),403-408,2278-3075
87. **PV Based Agricultural Pumping System using Boost Inverter Fed Induction Motor**, S Prasadarao K, Nagalinga Chary, Kodavatiganti, A V Ravikumar, International Journal of Recent Technology and Engineering (IJRTE), 8(3)(September 2019), 8937-8941,2277-3878



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

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### Research & Development Cell

---

88. **Research on Single Input and Regulated Multiple Output Isolated Dc-Dc Soft Deviceing Converter**, J.Sivavara Prasad, K.R.L.Prasad, G.Nageswara Rao, International Journal of Recent Technology and Engineering (IJRTE),8(2S3), (July 2019),1172-1177,2277-3878.
89. **Compensate control strategy in pv-wind hybrid system with unbalanced load**, A V G Marthanda, G V Marutheswar, International Journal of Advanced Science and Technology, 29( 4), (Jan 2020) 848-857, 2005-4238.
90. **Power Quality Enhancement in Grid PV system using Fuzzy Controller**, R.Padma,P.Sobha Rani, Sarveswara Prasad, International Journal of Advanced Science and Technology, 29(4)(Jan 2020), 994-1002, 2005-4238
91. **Novel Field Oriented Direct Control Using SVPWM for Analysis of Induction Motor**, G.Nageswara Rao , J.Sivavara Prasad K.R.L.Prasad, J.V.avan Chand, Journal of Adv Research in Dynamical & Control Systems, 12(02), (Jan 2020) 368-374, 1943-023X
92. **Industrial Automation with Raspberry Pi and IoT**, G.Vara Lakshmi , U.Ganesh , C.Sai Venkata Sahadev,P.Sobha Rani, International Journal of Advanced Science and Technology, 29(5), ( Jan 2020), 3534 – 3539, 2005-4238

#### Department of Electronics and Instrumentation Engineering

93. **Approximation Layer based Weighted Average Image Fusion using Guided Filter for Medical Images**, Anandbabu Gopatoti, Poornaiah Billa, Kiran kumar Gopathoti, International Journal on Emerging Technologies, 11(3),Mar 2020,122-126, 0975-8364& 2249-3255.
94. **A New Analysis on Assessment of Sentiments Using EEG Signals and BCI**, B.Rambabu , J.Nageswara Rao, G.Rajendra Kumar,H.Sudhakar, Journal of Advanced Research in Dynamical & Control Systems, 12(2), Mar 2020, 1044-1047,1943-023X.
95. **Modeling and Simulation of MEMS based Pressure Sensor for Industrial Applications**, Satyanarayana Talam, Rambabu Busi, Supraja V.N.L, International Journal of Innovative Technology and Exploring Engineering,9(1),Nov 2019,1739-1743, 2278-3075.
96. **Modeling and Simulation of Capacitive MEMS Comb Accelerometer for Sensitivity Improvement with Different Proof Mass Patterns**, Anusha Ganta, Satyanarayana Talam, Neela.R, International Journal of Engineering and Advanced Technology,8(6),Aug 2019, 1655-1660,2249-8958.
97. **Agricultural Crop Monitoring and Controlling using IoT**, V.Vineela, P.Bhavya, B.Sandeep, International Journal of Engineering and Advanced Technology,8(6S2),Aug 2019,897-900, 2249-8958.

#### Department of Mechanical Engineering

98. **Experimental Evaluation of Palmyra oil blends in VCR diesel engine by using EGR systems**,Pilli Uday Kumar, P.Vijay Kumar, A.Naresh Kumar, International Journal of Innovative technology and exploring Engineering, 8(11)(Sep 2019),2727-2734, 2278-3075.
99. **Energy, Exergy and Energy Audit Analysis of Vijayawada Thermal Power Station**,B.Sairamkrishna, P.Vijaya Kumar, Y.Appala Naidu, International Journal of



Engineering and Advanced Technology, 8(6), Aug 2019,4308-4315, 2249-8958

100. **Experimentation on Augmenting Heat Transfer Characteristics of (Ethylene Glycol + Water) Mixture in a combined (pipe in pipe and Shell & Tube) Heat Exchanger**, M.P.V.L. Prasanna, P.Ravindra Kumar, B.Emmanuel, K. Lakshmi Prasad, International Journal of Recent Technology and Engineering, 8(3), Sep 2019, 4442-4449,2277-3378
101. **Fabrication and Experimental Analysis Characteristics of Acetone/Water by using Tube in Tube and Shell and Tube Heat Exchanger**, B.Emmanuel, P.Ravindra Kumar, M.P.V.L. Prasanna, International Journal of Innovative technology and exploring Engineering, 8(12), Oct 2019, 5503-5510, 2278-3075
102. **Experimental investigation of Ultrasonic flaw defects in weld clad materials using NDT technique**,P. Ravindra kumar, G. Vijay kumar, K. Naga Murali, R. B. S. S. Kishore, A Book Chapter in Lecture Notes in Mechanical Engineering, Feb 2020, 1039-1051, 2195-4356, [https://doi.org/10.1007/978-981-15-1201-8\\_111](https://doi.org/10.1007/978-981-15-1201-8_111)
103. **Enhancement of COP of vapour compression refrigeration system by using Diffusers**, G.Naga Raju, K.Dilip Kumar, T. Srinivasa Rao, International journal of Recent technology and Engineering, 8(2), July 2019, 6123-6129,2277-3878
104. **Fabrication and experimental analysis of Absorber based LiBr-Water absorption refrigeration system**, Ch.Jaya Prakash, K.Dilip Kumar, T.Srinivasa Rao, International Journal of Engineering and Advanced Technology, 8(6), Aug 2019,4094-4103, 2249-8958
105. **Multi-Parametric Optimization of Electrical Discharge Machining of Inconel-690 Using RSM-GRA Technique**, Murahari K, Bhavani M, Adepu Kumar, S Pichi Reddy, Sai Naresh D, Advances in Applied Mechanical Engineering, Feb 2020,1113-1125, 2195-4356 [https://doi.org/10.1007/978-981-15-1201-8\\_118](https://doi.org/10.1007/978-981-15-1201-8_118),
106. **Parametric Optimization of Electrical Discharge Grinding on Ti-6Al-4V Alloy Using Response Surface Methodology**,Murahari Kolli, Adepu Kumar,Advances in Applied Mechanical Engineering, Feb 2020,831-841, 2195-4356 [https://doi.org/10.1007/978-981-15-1201-8\\_89](https://doi.org/10.1007/978-981-15-1201-8_89).
107. **Mat Lab Coding and Experimental Analysis of Heat Transfer Rate in Multi Air Jet Impingement**, K.Srinivasa Rao, K.Lakshmi Prasad, P.Tharun Sai, M.Pulla Rao, International Journal of Recent Technology and Engineering, Vol. 8(3), Sep 2019, 1068-1077, 2277-3378
108. **Safe design and analysis of Motor Cycle Helmet**,A.Nageswara Rao, B.Chaitanya, BHV Reddy, N.Raju, G.Naresh, Journal of Green Engineering,10(6), June 2020,2678-2692,2245-4586
109. **Tensile properties of bamboo fiber filled with rock dust filler reinforced hybrid composites**,T. Venkateswara Rao, V. Sankara Rao and K.V. Viswanadh, Innovative Product Design and Intelligent Manufacturing Systems, March 2020, 379-387, 978-981-15-2696-1 [https://doi.org/10.1007/978-981-15-2696-1\\_37](https://doi.org/10.1007/978-981-15-2696-1_37),



## **Research & Development Cell**

---

110. **Optimisation of Mechanical properties and fundamental parameters of green composite materials for brake pads**, Muddineni Naresh, Ghanta Sai Sreerama Krishna, AmmisettiDhanunjay Kumar, T.Deepthi, International journal of scientific and technology research, 9(3), March 2020, 6075-6080, 2277-8616
111. **Analysis of CI engine performance by thermal barrier coatings on piston under different cooling rates**, B.Lakshmanaswamy, Moon Banerjee, Snigdha Surapaneni, P N V Balasubramanyam, Syed Akbar, International journal of advanced science and technology, 29(7), June 2020,747-755, 2005-4238

### **Department of Information Technology**

112. **Effectiveness of Data Augmentation on Handwritten Digit Classification**, B. Srinivasa Rao, Vijaya Kumar Reddy, Shaik Subhani, P. Ravi Prakash, Jour of Adv Research in Dynamical & Control Systems, Volume11 (12) (November & 2019) Page numbers (90-96), 1943-023X
113. **Recognition of Two Connected Handwritten Digits Based on User-Defined Algorithm**, B.Srinivasa Rao, R.Vijaya Kumar Reddy, K. Prudvi Raju, G Venugopal,, International Journal of Innovative Technology and Exploring Engineering, 9(3), (January & 2020), (1723-1728), 2278-3075
114. **A Survey on Tools and Techniques of Big Data Analytics With Privacy Concerns**, Satuluri Naganjaneyulu, Katru Rama Rao, Jour of Adv Research in Dynamical & Control Systems, 12(6),(May & 2020),119-133, 1943-023X.
115. **A Multi Resolution Convolution Neural Network Based Face Recognition Analysis**, B.Rama Devi, A.Madhuri, DrN.Raghavendra Sai, Journal Of Critical Reviews, 7(18) (June 2020), (12-18), 2394-5125 (E)
116. **Analysis of intelligent techniques in personalization in e-learning systems**, Anupriya Koneru, D. Leela Dharani, A Vijaya Kumar, Journal Of Critical Reviews, 7(18),(June 2020) ,6-11, 2394-5125 (E)
117. **A Novel SVM-KNN Classifier for Cervical Cancer Diagnosis using Feature**, K.Lavanya DevireddySyamala, KothaVineethaVani, Choragudi Gipsy, International Journal of Psychosocial Rehabilitation, 24(6),(April & 2020), 5151-5167,1475-7192.
118. **Student Placement analysis and prediction for improving the education standards by using Supervised Machine Learning Algorithms**, S. Nagamani, K. Mohanreddy, Uma Bhargavi, S. Ravi kumar, Journal Of Critical Reviews , 7(14),(June 2020),854-864, 2394-5125.
119. **Analysis Of Deep Learning Algorithms For Detecting Diabetes**, K. Michael Sadgun Rao, B. NarasimhaSwamy, Mohammed Moulana, Journal Of Critical Reviews , 7(18),(June 2020), 49-53,2394-5125.
120. **IoT Deep Learning Based Detection Of Cyber Security Threats**, K. Hemanthi, K. Swarupa Rani, V.NavyaSree, Journal Of Critical Reviews , 7(18),(June 2020),1-5, 2394-5125.
121. **A File Security System With Hand Gestures Passcodes**, Ch. SambasivaRao, G.V.S.SowmyaSree, D.NarendraBabu, M.BalaRamaSuraj, Jour of Adv Research in Dynamical & Control Systems, 12(2),(March & 2020),1080-1084,1943-023X.



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### Research & Development Cell

---

122. **Raspberry Pi Based Conversion of Text in the Images to Speech and Obstacle Identification**, K Rajasekhar, InampudiVenkataSravani, YejuHarika, BellamkondaManasa, Jour of Adv Research in Dynamical & Control Systems, 12(2) (March & 2020), 1367-1373,1943-023X
123. **Additive Tuning Lasso (AT-Lasso): A Proposed Smoothing Regularization technique for Shopping Sale Price Prediction**, K.Lavanya,K.Harika,D. Monica, K.Sreshta, International Journal of Advanced Science and Technology, 29(5),(April 2020), 878-886, 2005-4238(P) 2207-6360(E)
124. **FBP recommendation system through sentiment analysis**, K.Anupriya, S.Yamuna, G.Pavan, B.Divya, International Journal of Advanced Science and Technology, 29(5),(April 2020), 896–907, 2005-4238(P) 2207-6360(E).
125. **Analyzing And Estimating The Ipl Winner Using Machine Learning**, A Sarvani,B.ManvithaBramarambika,K.LakshmiPrahla,Sk. KushbuKalam, International Journal of Advanced Science and Technology, 29(4),(April & 2020),1940-1946, 2005-4238(P) 2207-6360(E).

#### Freshmen Engineering Department

126. **Adsorption of disperse blue 14 onto activated carbon prepared from Jackfruit PPI-I waste**,T.V. Nagalaksmi, K.A. Emmanuel, P. Bhavani,Materials today: Proceedings, 18(11), (July 2019), 2036-2051, 2214-7853.

#### Scopus Conference Proceedings - 12

AE-1, CE-0, CSE-3, ECE-2, EEE-1, EIE-0, FED-0, ME-4, IT-1, MBA-0, MCA-0 **Total-12.**

#### Department of Aerospace Engineering

1. **Design and Analysis of last Stage of Low Pressure Steam Turbine for Aeroelastic Stability**, P. Gangadhar Venkata Ramana, J. Srinivas, L. Prabhu, 34<sup>th</sup> Indian Engineering Congress during 27<sup>th</sup> to 29<sup>th</sup> Dec. 2019, 1-6, ISBN: 978-81- 942561-5-1

#### Department of Computer Science and Engineering

2. **An Efficient Data Duplication System based on HDFS**, D. Veeraiah, J. Nageswara Rao, Proceedings of ICICT-2020, 2020 International Conference on Inventive Computation Technologies (ICICT) IEEE Xplore, March 2020, 978-1-7281-4685-0/20/\$31.00 ©2020 IEEE,.
3. **Rotating Solar Trees**. In: Kumar A., Paprzycki M., Gunjan V. (eds), Rama devi. O.,Venkateswara Rao K., Sowmya S. ICDSMLA 2019. Lecture Notes in Electrical Engineering, International Conference on Data Science, Machine learning & Applications, 601. 29-30<sup>th</sup>March 2019, Springer, Singapore. [https://doi.org/10.1007/978-981-15-1420-3\\_50](https://doi.org/10.1007/978-981-15-1420-3_50)
4. **Power and Trust based Routing for MANET using RRRP Algorithm**,G. Balu Narasimha Rao, D. Veeraiah, D. Srinivasa Rao, 2020, 2nd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)-IEEE, April 2020.





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Accredited by NAAC, NBA Tier-1 for CSE, IT, ECE, EEE & ME and “CPE” status by UGC.

### Research & Development Cell

#### Department of Mechanical Engineering

5. **Tool shoulder and pin geometry's effect on friction stir welding: A study of literature**, Murahari Kolli, Chandrasekhar Sunnapu, Materials today: Proceedings, 39(4), May 2020,1565-1569, 2214-7853<https://doi.org/10.1016/j.matpr.2020.05.601>.
6. **An Experimental Investigation on Machining Parameters of Titanium Alloy Using WEDM**, A.V.S Ram Prasad, Koonarajji, MurahariKolli, Materials today: Proceedings,18(1), Oct 2019, A12-A16, 2214-7853 <https://doi.org/10.1016/j.matpr.2019.10.008>,
7. **Experimental investigation of alumina oxide nanoparticles effects on the performance and emission characteristics of tamarind seed biodiesel fuelled diesel engine**,V.Dhanaraju, P.S.Kishore, M.Harun Kumar, S.Rami Reddy, Materials today proceedings, 18(3), Aug. 2019,1229-1242,2214-7853 <https://doi.org/10.1016/j.matpr.2019.06.585>
8. **Siva Sankara Babu**, Balakrishna Adavi, Srinivasa Rao Putti, “Effect of Crack Location and Crack Depth on Natural Frequencies of Fixed Beam Using Experimental Modal Analysis”, Lecture Notes on Multidisciplinary Industrial Engineering, **Springer**, pp. 93-103, ISBN: 978-981-13-7643-6 (Scopus Journal).

#### Department of Information Technology

9. **Smart Street Light Management System Using Internet of Things**, S.Nagamani, Janga Manohar Reddy,Guntupalli Lavanya, Achanta Lakshmi Hari Chandana, Advances in intelligence systems and computing,(April &2020), 103-107, 978-1-5386-8113-8(E), 978-1-5386-8114-5(P)

#### Department of Electronics and Communication Engineering

10. **Double current limiter High performance Voltage Level Shifter for IoT Applications**, Srinivasulu Gundala,M. Mahaboob Basha, S. Vinay Kumar, Fifth International Conference on Communication and Electronics Systems (ICCES 2020), 10-12 June 2020, IEEE, 978-1-7281-5371-1
11. **Air Quality prediction of Data Log by Machine learning**, Venkat Rao Pasupuleti, Uhasri, Pavan Kalyan, Srikanth, Hari Kiran Reddy,6 th International Conference on Advanced Computing & Communication Systems (ICACCS), 06-07 March 2019, IEEE, 978-1-7281-5197-7

#### Department of Electrical and Electronics Engineering

12. **Control Strategies for a High Efficiency Fuel Cell Based Converter - A Comparison**, S. Vijaya Madhavi; G.Tulasi Ram Das; K. Ramalingeswara Prasad, TENCON 2019, IEEE Explore, 17-20 Oct. 2019, 1128-1133, DOI:[10.1109/TENCON47323.2019](https://doi.org/10.1109/TENCON47323.2019).

#### Open Access Journals- 150

AE-0, CE-8, CSE-30, ECE-28, EEE-48, EIE-0, FED-0, IT-20, ME-7, MBA-1, MCA-8 **Total-150.**

#### Department of Civil Engineering



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### Research & Development Cell

---

1. **Modelling Of Air Pollution From A Thermal Power Plant In Andhra Pradesh – A Case Study**, Dr. V. Ramakrishna , K.L. Kavya, L. Rajitha, M. Kavitha, P.G. Gopi Reddy, International Journal of Advanced Science and Technology, 29(7) (June 2020), 5031-5042, ISSN:2005-4238 (online)
2. **A Study of Hydrological Parameters in Krishna District, Andhrapradesh**, V. Ramakrishna ,S. Chandrika , O. Charmini , G. Sandhyarani and K. Ravalika, Test Engineering & Management, 83 (May 2020),7962-7971,ISSN:0193-4120
3. **Effectiveness of steel fiber and glass fiber with combination of manufacture sand and normal sand in Fresh and physical Properties of Self Consolidating Concrete**, Eeshwar Ram. J, MohanagararajuPuppala,K S Sai Kumar, Pullela S SPavan Kumar, International Journal of Advanced Science and Technology, 29(7) (May 2020), 1265-1271, ISSN:2005-4238 (online)
4. **Experimental Investigation On Self Compacted Concrete With Self Curing Agents**, J Eeshwar Ram, ThotaMuthyalu ,Vallepu Ashok , T.Pranay , V.Jagadeesh, International Journal of Advanced Science and Technology, 29(5) (June 2020), 10800-10805, ISSN:2005-4238 (online)
5. **Stabilization of Black Cotton Soil by Using Fly Ash and Rice Husk Ash**, NarasimhaRao .BattinaNagaraju.A , Lavanyabai.P , Sarath.V , RuplaNaik.I, International Journal of Advanced Science and Technology, 29(5) (May 2020), 9466-9470, ISSN:2005-4238 (online)
6. **Seismic Analysis and Design of G+4 Residential Building by Equivalent Static Analysis Method by Using STAAD Pro**, MadireddySatyanarayana ,Tiriveedhi Sai Krishna ,GottipatiManidhar , B. RaghavaMaheedhar, International Journal of Advanced Science and Technology, 29(5) (May 2020), 9447-9455, ISSN:2005-4238 (online)
7. **Making of Plastic Tiles Using Waste Plastic Collected from Fertilizer Bags, Plastic Wires and Waste Tyre Tubes (Polypropylene, Polyurethane, Thermoplastic and Polyester)**, P. MohanaGangaraju,K.VenkataRamayya, P. BhanuPraksh , Sk. GouseBasha and B. Sri Kumar, International Journal of Advanced Science and Technology, 29(5) (May 2020), 7657-7662, ISSN:2005-4238 (online)
8. **Blast Response of Steel and Cast Iron Circular Pipe Sections Under Explosive Impact using Is – Dyna**, P.N.V. Druga Prasad, N. VeerendraBabu, K. Harish Kumar, International Journal of Innovative Technology and Exploring Engineering, 9(6), (April 2020), 954-959, ISSN: 2278-3075

#### Department of Computer Science and Engineering

9. **An Approach For Detecting Phishing Attacks Using Machine Learning Techniques**, D. Jagan Mohan Reddy, K. Venkateswara Rao, Dr. G. L. Vara Prasad Journal of Critical Reviews, Vol 7, Issue 18, pp. 321-324, June-2020, ISSN- 2394-5125.
10. **Identification of Indian Currency Denomination Using Deep Learning**, D. Jagan Mohan Reddy,K. Venkateswara Rao, ShaikFareenaSulthana, Journal of Critical Reviews, Vol 7, Issue 18, pp. 378-384, June-2020, ISSN- 2394-5125.



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

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### Research & Development Cell

---

11. **An Efficient and Secured Biometric Authentication ForIoT Using Face Recognition**, K. Ruth Ramya, B. Manjula Josephine, Venkata Vara Prasad Padyala, Khadri Lalitha VaniSri, J.Nageswara Rao, Journal Of Critical Reviews (JCR), vol-7, issue-18, pp. 1016-1028, June-2020, ISSN-2394-5125.
12. **Study on Deep Learning Models for Recommender System Using Sentiment Analysis**, S. Srinivasa Reddy, M.Naveen Kumar, K.MohanDurgaPrasad, MD.Rabbani, Y.Triveni, TEST Engineering And Management, volume:83, ISSN: 0193-4120 Page No. 13514 – 13519, April-2020
13. **IoT Applications on Intrusion Detection System with Deep Learning Analysis**, S. Srinivasa Reddy, G.Mallikarjuna, M.V.N.M.Pavan Kumar, S.Venkata Sathish, S.Sai Mounika, TEST Engineering And Management, volume:83, ISSN: 0193-4120 Page No. 13388 – 13395, April-2020
14. **Basic Survey: Descriptions of Different Privacy Methodologies in Cloud Computing**, A. Praneetha, Dr. Sabbineni Srinivasa Rao, TEST Engineering and Management, volume:83, ISSN: 0193-4120 Page No. 13595 – 13402, April-2020
15. **Analysis Of Machine Learning For Feature Selection of Medical Image Processing**, P.Ashok Reddy, P Anusha, V HariahKumr, Ch Prudvi Goud, Sk Jani, TEST Engineering And Management, volume:83, ISSN: 0193-4120 Page No. 13403 – 13411, April-2020
16. **Sentiment Analysis for Different Business Applications**, J.Nageswara Rao, Y.Durga Malleswari, K.Teja Krishna, CH. Vishnu Sai, Y. Ramya Sri, Twitter, Jour of Adv Research in Dynamical & Control Systems, Vol. 12, Issue-02, pp.1048-1055, 2020, DOI: 10.5373/JARDCS/V12I2/S20201134, March-2020
17. **Implementation of Service Based Chatbot Using Deep Learning**, M Srinivasa Rao, Maddineni Mounika, Shaik Fareed, TEST Engineering And Management, volume:83, ISSN: 0193-4120 pp. No. 2013 – 2019, March-2020
18. **Driver Drowsiness Detection And Alert System**, K.Sandeep Saradhi, B.Nagasaianusha, S.Velugonda Reddy, L.Tejaswini, V.V.Krishna Redd, Jour of Adv Research in Dynamical & Control Systems, Vol. 12, Issue-02, pp.867-872, 2020, DOI: 10.5373/JARDCS/V12I2/S20201107, March-2020
19. **Disease Prediction using KNN and Analysis of Various ML Algorithms**, P.Vamsi Naidu, B. Jessy Hadassah, P. Medhini, A. Vijaya Lakshmi, B. Lavanya, Jour of Adv Research in Dynamical & Control Systems, Vol. 12, Issue-02, pp.873-878, 2020, DOI: 10.5373/JARDCS/V12I2/S20201108, March-2020
20. **ERA: Emergency Rescue Application using Android**, Sk.Johny Basha, S. Gowtham Kumar, J. Krupa Sangeeth, N. AmulyaKeerthana, G. Keerthi Priya, Jour of Adv Research in Dynamical & Control Systems, Vol. 12, Issue-02, pp.931-935, 2020, DOI: 10.5373/JARDCS/V12I2/S20201117, March-2020
21. **Self-Regulated Deep fakes Detection Mechanism using “CART”**, Sk. Johny Basha, S. Bhavani, M.V.V. Subrahmanyam, Journal of Advanced Research in Dynamical and Control Systems, ISSN: 1943-023X, Volume 12, Issue 2, pp. 923-930, DOI: 10.5373/JARDCS/V12I2/S20201116, March 2020



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

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Accredited by NAAC, NBA Tier-1 for CSE, IT, ECE, EEE & ME and “CPE” status by UGC.

### Research & Development Cell

---

22. **Online Toll Gate Payment System Using RFID &Iot**, A.Chandra Suresh, MSrinivasa Rao, D.V.Sridhar, G.Sita Annapurna, International Journal of Recent Technology and Engineering (IJRTE), Volume-8, Issue-4, pp.11738-11745, November 2019, ISSN: 2277-3878
23. **Reduction of Frequent Itemsets Mining in Big Data with the Help of FP Algorithm and Mseg-Tree**, Srinivasa Rao Divvela, V Sucharita, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9, Issue-4, February 2020, ISSN: 2278-3075.
24. **Making Password System based on Honeywords**, K. Gowtham, Ch.Sambhavi D. Divya Sri U.V.LavanyaS.Madhava International Journal of Advanced Science and Technology Vol. 29, No. 03, (2020), pp. 5934 – 5938, ISSN: 2005-4238 IJAST, March-2020.
25. **Online Social Media Mining to Determine Mental Disorders in Social Network**, S. Govindu,K.Nandinil, D. Divya Preethi, N.Sirisha, D.N.Prathyusha, International Journal of Advanced Science and Technology Vol. 29, No. 5, (2020), pp. 290-293, ISSN: 2005-4238 IJAST, April-2020.
26. **A Framework for Predicting Heart Disease Using Machine Learning Methods**, G. Vijay Suresh,Mohammad Sofia, Sk. Sadhik, K. Raviteja, M. Murali Krishna, International Journal of Advanced Science and Technology, Vol. 29, No. 7, (2020), pp. 1282 – 1289, ISSN: 2005-4238 IJAST, May-2020.
27. **Advanced Adaptive Pattern Approach to Mine High Utility Item Sets from Large Transaction Databases**, B. Sivarama Krishna, Bhanu Prakash Doppala, International Journal of Advanced Science and Technology Vol. 29, No. 5, (2020), pp. 9435-9440 9435, ISSN: 2005-4238 IJAST, May-2020.
28. **A Modern Optimized Fuzzy C-Means Clustering Using Machine Learning For Data Clustering**, J. Nageswara Rao,Khadri Lalitha VaniSri, International Journal of Advanced Science and Technology Vol. 29, No. 5, (2020), pp. 9417-9428, ISSN: 2005-4238 IJAST, May-2020.
29. **Stock Market Prediction and Analysis using Machine Learning algorithm-Random Forest Classifier (RFC)**, J. Nageswara Rao, V.KanthaRao, International Journal of Advanced Science and Technology, Vol. 29, No. 7, (2020), pp. 1095 – 1103, ISSN: 2005-4238 IJAST, May-2020.
30. **Consequential Prediction of Brain Status and Diagnosis of Epilepsy**,J. Nageswara Rao, G.Rajendra Kumar, International Journal of Advanced Science and Technology, Vol. 29, No. 7, (2020), pp. 1090 – 1094, ISSN: 2005-4238 IJAST, May-2020.
31. **A Review on Coronavirus (COVID-19) Impact on the Public**, D. Veeraiah, J.Nageswara Rao, International Journal of Future Generation Communication and Networking Vol. 13, No. 3, (2020), pp. 314-318, ISSN: 2233-7857 IJFGCN, June-2020.
32. **Prognosis of Cardiovascular Disease Using Machine Learning Algorithms**, J.Nageswara Rao , Bhanu Prakash Doppala, International Journal of Future Generation Communication and Networking Vol. 13, No. 3, (2020), pp. 709-716, ISSN: 2233-7857 IJFGCN, June-2020.



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

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### Research & Development Cell

---

33. **Human Activities Recognition Using OpenCV and Deep Learning Techniques**, J.Nageswara Rao, Kalam Swathi, International Journal of Future Generation Communication and Networking Vol. 13, No. 3, (2020), pp. 717-724, ISSN: 2233-7857 IJFGCN, June-2020.
34. **Analysis of Unsupervised Discretization Methods Impact on C4.5 Classification**, J.Nageswara Rao, Suneetha Bulla, International Journal of Advanced Science and Technology Vol. 29, No. 05, (2020), pp. 802-815, ISSN: 2005-4238 IJAST, May-2020.
35. **Modeling a sequence of decisions to achieve potential and complex environment in deep Reinforcement Learning for allowing devices to communicate in modish (smart) grids**, Sudhakar. Atchala, Vijaya kumar. Kambala, Journal of Xidian University, VOL 14, ISSUE 6, 2020 428, ISSN No:1001-2400, June-2020.
36. **Machine Learning based diagnosis of Diabetic Retinopathy using digital Fundus images with CLAHE along FPGA Methodology**, M Srinivasa Rao, Yallanti Sowjanya Kumari, International Journal of Advanced Science and Technology Vol. 29, No. 5, (2020), pp. 12748-12759, ISSN: 2005-4238 IJAST, June-2020.
37. **Ch V Narayana, Ch Naveen, Reliable Screen Content Image Quality Assessment**, The International journal of analytical and experimental modal analysis, Volume XI, Issue VIII, August/2019, ISSN NO: 0886-9367.
38. **Ramadevi Odugu, P. Ravi, Ant Colony Optimization With Advanced Machine Learning Technique For Prediction Of Heart Diseases**, The International Journal of Analytical and Experimental Modal Analysis, ISSN NO: 0886-9367, Volume XI, Issue VIII, August/2019 ISSN NO: 0886-9367, August 2019.

#### Department of Electronics and Communication Engineering

39. **Design And Implementation Of Smart Electronic Voting Machine Using Fpga**, Amar Babu.Y, Dhulipudi Jagadeesh, Meesala Durga Ram Prasad, Dongara Grunadham, Sri Nithya, Test Engineering and Management, 83 (May 2020) 2485-2493 ISSN: 0193-4120
40. **Fault Free FFT Processor Design using Parsael Checks**, Y.Amar Babu, Yaramala Madhavi, International Journal of Advanced Science and Technology, 128 (July 2019) 1-8 ISSN:2207-6360
41. **Interference Reduction in Fading Environment Using Multistage Multiuser Detection Techniques**, E.V.Krishna Rao. Ravindra Babu, WSEAS Transactions On Signal Processing, 15(6) (August 2019) 39-46 ISSN: 2224-3488
42. **Automatic Attendance System Through Video Monitoring**, E.V.Krishna Rao, A.Narendrababu V. Trinethra B. Raghavendra B. Haritha, Test Engineering & Management, 83 (April 2020) 7874-7879 ISSN: 0193-4120
43. **IoT Based Enhanced And Efficient Safety System Using Raspberry Pi Through Website And Android Applications**, E.V.Krishna Rao, A.Narendrababu, Y. Hemanth Reddy, K. Rupesh, D.V. Harsha Vardhan, Test Engineering and Management, 83 (June 2020) 17595-17602, ISSN: 0193-4120



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### Research & Development Cell

---

44. **Design Of Compact Parasitic Strio-Loaded Cp Antenna With Dgs Or 5g-Iot Applications**, P. Syam Sundar Sarat K Kotamaraju Srikavya Ch, Narendra Babu. A, Test Engineering and Management, 83 (April 2020) 4947-4942, ISSN: 0193-4120
45. **Performance Analysis Of Energy-Efficient Hybrid Full Adder Circuits Using Dtmos And Glbb Design For Ultra Low Voltage Computing Applications**, M. Mahaboob Basha, Srinivasulu Gundala, Pandya Vyomal Naishadhkumar, Test Engineering and Management, 83 (May 2020) 4947-4942, ISSN: 0193-4120
46. **Green House Monitoring An Control Using WSN Protocol**, Gundala Srinivasulu , P. Sravani, Tejaswini Sampath, Vamsi Krishna, Test Engineering & Management, 83(1) (April 2020) 13365-13369 ISSN: 0193- 4120
47. **Scalable Approach for Effective Scan based Logic BIST using March Test Algorithm**, P. Lachi Reddy, Poola Mounika, International Journal of Advanced Science and Technology 128(8) (july 2019) 1-8 ISSN: 2207-6360
48. **Improving Of Spectrum Efficiency Using Matched Filter Detection By Cognitive Radio Approach**, Yarramilli Sri Venkata Raman, Narendra Babu. A, A. Satyanarayana, Ch. Manaswitha Sri , A. Hareesh, Test Engineering and Management, 83 (April 2020) 16921-16930, ISSN: 0193-4120
49. **Lab View Based Mobile Robot In Hospitals**, Bvnr Siva Kumar, Sk. Shama, Sk. Subhani, S. Naveen, J. Ajuba, Test Engineering and Management, 83 (April 2020) 7868-7873 ISSN: 0193-4120
50. **A Review on Beamforming Approaches for Speech Enhancement**, K. Ravi Kumar, K. Bindu Sri, K.V. Sanjay, P. Naveen Kumar, S. Sandhya, Y. Mallikarjuna Rao, P.V. Subbaiah, Ch. Seshu Kumar, International Journal of Control and Automation, 13(4) (June 2020) 590-595 ISSN:2005-4297
51. **Point Feature Based Detection Of Objects In Robust Conditions**, Pavani Kollamudi, Darla Venkata Lakshmi, G. Mahammed Rafi, V.V. Rama Krishna, International Journal of Advanced Science And Technology, 29(5) (May 2020) 10474-10479 ISSN: 2207-6360
52. **Diabetic Retinopathy Detection From Retinal Images Using Bpnn And One Rule Classifier**, T. Anil Raju, , P. Kavya Sri, D. Yaswanth Sai Kumar,S. Amala, Yaseen Arafath, Test Engineering and Management, 83 (May 2020) 7868-7873 ISSN: 17401-17409
53. **Zigbee Based Defence Robot**, T.Kalpna, J.Triveni, P.Rajesh, V.Harika, P.Poorna Chandra Rao, Test Engineering and Management, 83 (May 2020) 7868-7873 ISSN: 23640-23644
54. **PEPE The Handwash Promoting Robot**, M. Ramya Harika, P. Krishna Reddy, B. Pavithra, T. Bhavani, P. Madhu Poornima, R. Lakshmi Tirupatamma, Journal of Critical Reviews, 7 (14) (June 2020) 544-546 ISSN: 2394-5125
55. **Design And Implementation Of Embedded Audio System Based On Zynq-Soc**, Rani Rudrama. K Ananth Kumar Vissampalli, International Journal of Innovative Technology And Exploring Engineering, 8(9) (July 2019) 860-864 ISSN: 2278-3075
56. **Traffic Rule Violation Monitoring And Reporting System**, M Suresh Reddy, Sasi Bhushan. K, International Journal of Innovative Technology And Exploring Engineering, 8(9) (July 2019) 1916-1919 ISSN: 2278-3075



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### Research & Development Cell

---

57. **An Efficient Energy Measurement And Control Using Iot**, Vijay Anand, P. Venu Gopal, G.L.N.Murthy, International Journal Of Innovative And Exploring Engineering, 9(2) (December 2019) 3441-3444
58. **Developments In Lower Limb Exoskeletons For Rehabilitation Application**, Bvnr Siva Kumar Raghavendra Sharma D Sreenivasa Rao, International Journal of Engineering And Advanced Technology, 8(6) (August 2019) 240-245 ISSN: 2249-8958
59. **Fault Detection For Elderly Using Labview**, V.V. Rama Krishna, N. Vasantha, B. Hema Sundara Rao, V. Aswini, D. Rahul, International Journal of Advanced Science And Technology, 29 (5) (May 2020) 10442-10447 ISSN: 2005-4238 (Print) 2207-6360 (Online)
60. **Pre-Amplifier Latch CMOS Comparator Using 130 Nm Technology For Analog To Digital Converters**, Venkata Rao.G, E.V.Krishna Rao, T. Anjani Vineela , S. Chandrika J. Ravalika, International Journal of Advanced Science And Technology, 29(5) (June 2020) 10441-10437 ISSN: 2005-4238 (Print) 2207-6360 (Online)
61. **Designing of SR And D Flip Flop Using Reversible Logic**, Venkata Rao.G , E.V.Krishna Rao, A.N.V. Bhanu Prakash, G. Sai Bhaskar, P. Anil Kumar, International Journal Of Advanced Science And Technology, 29(5) (June 2020) 10429-10436 ISSN: 2005-4238 (Print) 2207-6360 (Online)
62. **Design and Analysis of wideband circular ring fractal patch antenna using defected ground structure**, P. Rakesh Kumar, A. Guruva Reddy, K. Satya Prasad, International Journal Of Advanced Science And Technology, 29(5) (May 2020) 9405-9416 ISSN: 2005-4238 (Print) 2207-6360 (Online)
63. **Brain Perfusion Quanification And Functional Analysis Of Quadra-Echo Arterial Spin Labeling**, T.Anil Raju , B. Uma Maheswari, N. Charan Teja, Ch. Sandhya, Ch. Sai Kalyan, International Journal of Advanced Science And Technology, 29(6) (June 2020) 3204-3212 ISSN: 2005-4238 (Print) 2207-6360 (Online)
64. **System Embedded Audio & Video System based on Zynq-Soc**, K. Ananth Kumar, K. Rani Rudrama, International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), 5(8) (August 2019) 50-56 ISSN: 2455-2585
65. **Vehicle Overspeed Monitoring and Automatic Challan Generation System with SMS Feedback**, Sasi Bhushan K, Mavuru Suresh Reddy, International Journal of Research, 8(8) (August 2019) 143-148 ISSN: 2236-6124
66. **Performance Analysis of Statistical and NMF Approaches**, Ravi Kumar.K, P.V. Subbaiah, International Journal of Image, Graphics and Signal Processing, 7 (July 2019) 9-38 ISSN: 2074-9074 (print)

#### Department of Electrical and Electronics Engineering

67. **Closed Loop Control of CSC converter Using PI and Fuzzy Logic Controllers for DC Motor Driven Applications**, V.S. Prasadarao K. G. Tabita, P. Srihari, International Journal on Emerging Technologies 10(2): 323-327(2019), 0975-8364
68. **A Novel Control Method for Integration of Battery Energy Storage System in Microgrid for Energy Management System**, Pandala Rathnakar Kumar, Rowthu Padma, International



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### Research & Development Cell

---

Journal of Innovative Technology and Exploring Engineering (IJITEE), 9 (2), December 2019, 2278-3075,

69. **Modelling of Switched Reluctance Motor Using Finite Element Analysis**, K. Srilakshmi Lavanya, R. Padma, P. Sobha Rani, Test Engineering and Management, 82, February 2020, 11358 – 11366, 0193 - 4120
70. **FPGA Based Control of Single Phase Three Level Soft Switching Isolated DC-DC Converter**, J.Sivavara Prasad , G.Nageswara Rao , K.R.L.Prasad, Test Engineering and Management, 82, January - February 2020, 11593 – 11599, 0193 - 4120
71. **Simulation and Modelling Of Wind Energy Generator for Smart Grid**, M.S.Giridhar, R.Sarveswara Prasad, P.Sobha Rani, Test Engineering and Management, 82, January - February 2020, 11578 – 11582, 0193 - 4120
72. **Three Level Isolated DC-DC Soft Switching Converter for High Power Application**, B.Dhanunjay Nayak. J. Siva Vara Prasad, Test Engineering and Management, 82, January - February 2020, 13773 – 13787. 0193 - 4120
73. **Implementation of Cascaded Switched Diode Multilevel Inverter for Photovoltaic Integration**, T.Jyostna Devi, P.Sobha Rani, Test Engineering and Management, 82, January - February 2020, 11558 – 11562, 0193 – 4120.
74. **Solar Based Soft Switching Isolated Dc-Dc Converter to Generate Five Regulated Dc Output Voltages**, K.R.L.Prasad , J.Sivavara Prasad, G.Nageswara Rao, Test Engineering and Management, 82, January - February 2020, Page No. 16250 – 16255, 0193 - 4120
75. **Autonomous Robot with GPS navigation control and tracking system by wireless sensor networks**, Malladi Venkata Naga Sai Priyanka , Punnam Jitendra , Gondhi Anant Kumar, K. Ramalingeswara Prasad, Compliance Engineering Journal, 11(3),( April, 2020),399-406, 0898-3577
76. **Smart Attendance System Using Arduino and GSM**, Kammani Srinivas, Gopu Venkata Vidya Sagar , Madiri Prasanthi , K. Nagalinga Chary Compliance Engineering Journal,11(4), April, 2020, 161-166, 0898-3577
77. **Underground fault detection using ARDUINO,GSM and GPS**, K. Maheswari1 , K. Tharuni Krishna, K. Gousepeera, Mr.k.Naga linga chary, Compliance Engineering Journal, 11(4), (April, 2020),167-172. 0898-3577
78. **GSM and Bluetooth Based Smart Noticing System**, G. Hari Krishna, P. Baby Rani, K.Chandu, R.Padma, Compliance Engineering Journal, 11(4),(April, 2020),8-91, 0898-3577





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Accredited by NAAC, NBA Tier-1 for CSE, IT, ECE, EEE & ME and “CPE” status by UGC.

### Research & Development Cell

---

79. **Smart Feeder Using IOT**, CH. Naga Sriharshini , LMVV. Jaya Praneeth , B.Lakshmi ,A.V. Ravi Kumar Compliance Engineering Journal, 11(3),(April, 2020), 520-524, 0898-3577
80. **Grid Connected Single Step Bi-Directional Inverter for Battery Energy Storage System**, K Rakesh, K Ravi Kishore Reddy , S Vinay, Dr. A V G A Marthanda, International Journal for Modern Trends in Science and Technology,6(04), April 2020, 2455-3778
81. **Modelling and Simulation Analysis of Two-Diode PV module using MATLAB**, Allamsetti Bhavana , Talluri Kalyani, Namburi Ramya ,K. Ramalingeswara Prasad Compliance Engineering Journal,11(4), (April, 2020), 16-24. 0898-3577
82. **Power Theft Detection Using Arduino, GSM AND GPS**, Sai Manoj Challa, Madaka Yaswanth Kumar,Pasupuleti Jayanthi Devi, P.Srihari, Compliance Engineering Journal,11(3),(April,2020), 450-454, 0898-3577
83. **Performance Analysis of Induction Motor using Ansys**, N.Susmitha,T.Revanth,S.Anvesh Reddy, P.Sobha Rani, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 9(6),(April 2020), 2278-3075
84. **Desgin Of A Fuel Free Prime Mover By Controlling A Permanent Magnet Base IC Engine**, Ramisetty Hrushi Hari Hrudhay, Karnatakam Vishnu , J.V.Pavan Chand, Compliance Engineering Journal,11(5), (May, 2020), 148-153, 0898-3577
85. **Simulation of 8/6 Switched Reluctance Motor using ANSYS - MAXWELL 2D**, Shaik Nayeem Basha , Allamsetti Deepak , Mikkili Ratna Raju , Mrs.K Sri Lakshmi Lavanya, Compliance Engineering Journal,11(5), (May, 2020), 179-185, 0898-3577
86. **Parameter Identification of Super Capacitor using Recursive Least Square Technique**, Kakunuri Varshitha , Tangirala Nikhil Sai, Suresh Banavathu, K. Harinadh Reddy International Journal of Innovative Technology and Exploring Engineering (IJITEE), 9(7), May 2020, 2278-3075
87. **Power Quality Submetering using Iot**, P.V.L. Narasimha, K. Sandeep babu, Y. Venkata sai, Y. Raghuvamsi, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 9(7),(May 2020), 2278-3075
88. **Integration of Renewable Energy Sources to Grid With Optimal Power Flows**, Gunapati Rahul , Vangaveeti Prathyusha , Ganji Lokesh , Injamala Ashajyothi, MB Chakkravaarthy, Compliance Engineering Journal, 11(5), (May, 2020), 125-132, 0898-3577



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

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### Research & Development Cell

---

89. **Architecture & Molding of a Three Phase Core Type Transformer By Operating ANSYS Maxwell Software**, Katakum Tejaswi, Daravathu Sai Balaji Naik, Annavarapu Sai Teja ,M B Chakkravaarthy, Compliance Engineering Journal, 11(5), (May, 2020), 55-59, 0898-3577
90. **Analysing the Functionality of Locally Controlled Power Supply for a Solar PV based Load**, Muthanapalli Jaya Saketh , Chennu Naveen Varma , Venigalla Vijaya Sri ,P. Deepak Reddy, Compliance Engineering Journal, 11(5), (May, 2020), 39-45, 0898-3577
91. **Transient Stability Improvement of Power System By Controlling PSS and SVC**, Jahnavi Chukka, Mercy Grace Jetti, Anosh Kumar Ramiseti, Imran Abdul, Compliance Engineering Journal, 11(5), (May, 2020), 31-38, 0898-3577
92. **Portable Solar Panels Using Origami Techniques**, B. Deepthi , V. Pradeep Saradhi , P. Raja Yogendra, R. Padma, Compliance Engineering Journal, 11(4), (April, 2020), 92-96, , 0898-3577
93. **Construct and Assessment of PMBLDC motor designed for Radiator fan for implementation by employing Ansys Maxwell software program**, Garimella Manasa , Ravuri Praveen Chandra, Chittala Siva Kumar, K.S.L. Lavanya, Compliance Engineering Journal, Volume 11, Issue 4, 2020, April, 2020, Pages 172-179, 0898-3577
94. **Power Factor Correction Using ARDUINO**, N. Manjula ,N. Venkat , N. Kalyan Kumar, T. Naga Durga, Compliance Engineering Journal, , Volume 11, Issue 4, 2020, April, 2020, Pages 192-198, 0898-3577
95. **Wind Energy Conversion System Using Induction Generator**, Kotcherla jaya lakshmi likhitha , Lakanavarapu Rajesh, Bezawada Ravindra , G.Tabita, Compliance Engineering Journal, , Volume 11, Issue 4, 2020, April, 2020, Pages 154-160, 0898-3577
96. **Smart Home Control And Monitoring System Using ARDUINO UNO**, Kakkirala Saranya , Kondaveeti Rashmi, CH. Harsha Babu, Parri Srihari, Compliance Engineering Journal, , Volume 11, Issue 4, 2020, April, 2020, Pages 178-181, 0898-3577
97. **Islanding Detection Of Solar Connected Hybrid System**, Kandrakonda Vinay Krishna , Boddu Himajakala , Surisetty Suresh Babu ,B. Pangedaiah, Compliance Engineering Journal, Volume 11, Issue 5, 2020, May, 2020, Pages 270-278, 0898-3577.
98. **Simulation of a Bidirectional Series Z -Source Circuit Breaker**, G. Rupa Sri Venkata Naga Pavani, T. Snehitha, Sk. Arif, Y. Raghu Vamsi, Compliance Engineering Journal, Volume 11, Issue 5, 2020, May, 2020, Pages 311-319, 0898-3577
99. **Simulation and Analysis of Fault Characteristics of Distributed Solar Generation**, Suneetha Kuna, K Nandini, N V Narendra Reddy, Kadapa Harinadha Reddy, International



Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-8, June 2020, 2278-3075

100. **Smart Wind Generation System**, B.Yaswanth Kumar, A.Sai Swaroop, K.Sai Charan, G.Tabitha, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-8, June 2020, 2278-3075
101. **Implementation of Autonomous Wind-Solar with FIG Feeding 3-Phase 4-Wire Loads**, K.Keerthi, L.Durga, K.Dilip, CH.Rajesh, Compliance Engineering Journal, , Volume 11, Issue 6, 2020, June, 2020, Pages 97-102, 0898-3577
102. **Implementation of MPPT technique of Solar PV panel using Artificial Neural Networks**, Banavath Priyanka Babybai1, Sarnala Rajesh Babu, Gudise Anusha, CH.Rajesh, Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 6, 2020, June, 2020, Pages 211-215
103. **Small - Signal Model Of PWM DC-DC Converters In Continuous Conduction Mode (CCM)**, Banavathu Raghu Naik , Burri Purna Chandra Rao, Mudavath Lakshma Naik , P Deepak Reddy, Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 6, 2020, June, 2020, Pages 122-126
104. **Design Of Buck-Boost DC-DC Power Converter For Micro Grid Energy Storage Using Matlab**, K.Anil kumar, T.Kiran sai, P.Tharun, J.Siva vara Prasad, Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 6, June, 2020, Pages 441-444
105. **Portable Solar Power Generation Using Photovoltaic Blanket**, G Bhargavi , N bashi, N K Chaithanya, Dr. J Sivavara Prasad, Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 6, 2020, June, 2020, Pages 243-248
106. **Design of Single Conversion Stage with MPPT for Grid Connected Hybrid Wind-Driven PMSG-PV using MATLAB**, R. Venkata Venu, J. Pallavi, S. Umesh, B. Pangedaiah, Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 6, 2020, June, 2020, Pages 273-277
107. **Performance Analysis of Solar Energy System with Bidirectional Converters and Using Fuzzy Inference Based Modified Inertia PSO Technique**, K. Harinadha Reddy, International Journal on Electrical Engineering and Informatics - Volume 12, Number 1, March 2020, ISSN 2085-6830
108. **Improvement of Small Signal Stability of SMIB System with Optimized Power System Stabilizer**, Y. Raghuvamsi, Imran Abdul, Ch. Rajesh, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-7, May 2020



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

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### Research & Development Cell

---

109. **Modelling and Simulation of Improved Operation of DSTATCOM in Distribution system using MATLAB**, Sunkara Gopi Kalyan , Bollepogu Vamsi , Goriparthi Sravani , P.Rathnakar Kumar, Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 4 2020, May, 2020, Pages 110-114
  110. **Speed Control Of Three Phase BLDC Motor For Four Quardrent Operation**, Dharmavarapu.Yamuna Sai, Gandu.Yasaswini ,Dasari.mahesh ,M.S.Giridhar, Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 6, 2020, June, 2020, Pages 278-284
  111. **Power Extension Of Solar Inverter Using Battery Energy Storage System**, Nutakki Vijay Kumar, Mandapati Praveen Kumar, Sk.Umar Farooq, M.S.Giridhar, Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 5, 2020, May, 2020, Pages 290-294
  112. **Economic And Technical Evaluation Of Solar Assisted Water Pumping System Using MPPT Technique**, A.Sravani1,S.Daniel, Prashanth,P. Naveen,G.Nageswara Rao , Compliance Engineering Journal, ISSN NO: 0898-3577, Volume 11, Issue 6, 2020, June, 2020, Pages 265-272
  113. **Automatic Load Disconnection and Reconnection to Power System using Controllable Loads**, K Hareesh, A Siva Satya Reddy, Ch Dinesh, Imran Abdul, International Journal for Modern Trends in Science and Technology ISSN: 2455-3778 :: Volume: 06, Issue No: 06, June 2020
  114. **Speed Control Of BLDC Motor Using UVT GenerationTechniques**, Gantasala Sravani,Vengala Ganesh, Sornala Naga Lakshman,G .Nageswara Rao, Compliance Engineering Journal, ISSN NO: 0898-3577,Volume 11, Issue 5, 2020, May, 2020, Pages 10-17
- Department of Information Technology**
115. **Student Academic Performance Prediction Using Machine Learning Classification Algorithms**, B. Srinivasa Rao K. Jagadeesh Sai , L. Kumar Anirudh ,CH. Sravani, International Journal of Advanced Science and Technology, 29(5), (June & 2020),9314-9322, ISSN: 2005-4238 (P) 2207-6360(E)
  116. **Leaf disease prediction using deep learning**, B.Srinivasarao, Sk.Salma,V.VarshithaP.Satyanarayana, International Journal of Advanced Science and Technology,29(5),(June & 2020),10794 – 1079,ISSN: 2005-4238 (P) 2207-6360(E)
  117. **Quantum Computing: New leap for Technical Age**, S. Naganjaneyulu, Vamsi Rudra Varma, CSI Communications, Jun-2020, ISSN: 0970-647X, (8-10)
  118. **Spammer and Fake user Detection in Twitter**, S.Naganjaneyulu, Ch.VineelaAmrutha, G.L.Lahari, SkKarimunnisa, R.Akhil, International Journal of Advanced Science and Technology, 29(7) (May & 2020),1072 – 1077, ISSN: 2005-4238 (P) 2207-6360(E)
  119. **Forecasting the Price of Crude Oil Using Regression Techniques and Time Series Using Sarima**,S.Naganjaneyulu, ChinthavenkataPavithra, ,Kota Gowtham, ,AngothuBhavani,



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

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### Research & Development Cell

---

International Journal of Advanced Science and Technology, 29(7), (May & 2020), 1078 – 1085, ISSN: 2005-4238 (P) 2207-6360(E)

120. **A Note On Stone Spaces Of Advanced Distributive Lattices**, B.Rama Devi, K. Prasad, V.B.V.N Prasad, T.S. Rao, G.Balaji Prakash, International Journal of Advanced Science and Technology, 29(7) (May & 2020), 8494-8500, ISSN: 2005-4238 (P) 2207-6360(E)
121. **A comparative study of classification methods for predicting Chronic Kidney Disease**, VV Krishna Reddy, Yeruva Anthony Reddy, UvdataMadhuri, PinnaboinaRoopiSriram, International Journal of Advanced Science and Technology, 29(5) (April & 2020), 9296-9302, ISSN 2005-4238(P) 2207-6360(E)
122. **A Critical Review on Internet of Things to Empower the Living Style of Physically Challenged People**, V V Krishnareddy, ChandraSekharKolli, ModepalliKavitha, Emerging Research in Data Engineering Systems and Computer Communications, Advances in Intelligent Systems and Computing, (February & 2020), 603-614, ISSN 2194-5357
123. **Decision making for common stock selection using Regression Techniques**, B. Rama Devi, Sai Manvitha Enadula, Rama Devi Odugu, V.B.V.N Prasad, Test Engineering and Management, 83(March/April) (April & 2020), 22880-22884, ISSN: 0193-4120
124. **Share market Prediction using Machine Learning Algorithms**, B.Rama Devi, Yashodamurali Krishna, Raviteja Reddy, ChittiBababu, Test Engineering and Management, 83(March/April) (April & 2020), 13493 – 13497, ISSN: 0193-4120
125. **Fraud Detection on Smart Cards Using Machine Learning Algorithms**, B. Rama Devi, K.Sriharsha, Y.Himaja, B. NagendraBabu, Test Engineering and Management, 83(May/June) (May & 2020), 2495-2501, ISSN: 0193-4120
126. **Some Special Characteristics of Atoms in Lattice Ordered Loops**, B. Rama Devi, R. Sunil Kumar, V.B.V.N.Prasad, Test Engineering and Management, 83(March/April) April 2020, 5872-5877, ISSN: 0193-4120
127. **Emotion Detection System using Machine Learning Algorithms**, K.Raviteja, Ch.Tarunkumar, k.sravani, B. Prudhvith, Test Engineering and Management, 83, April 2020, (12990-12996, ISSN: 0193-4120
128. **Prediction of Terrorism and Threats Using Machine Learning**, K.Hemanthi, D. Krishna Veni, M. Anusha, M. Nandini, Test Engineering and Management, 83, (June & 2020), 2580-2588 ISSN: 0193-4120
129. **Cryptographic Analysis of Encryption Algorithm for Secure Internet of Things**, M. HemaLatha, B.Asweeni Kumar, D.SaiDharavi D.Likhitha, D.Subha, Test Engineering and Management, 83, (April & 2020), 13331 – 13337, ISSN: 0193-4120
130. **System Analysis on Network Security Intrusion Detection System**, M.Hemalatha, K.Sankara Reddy, K.VamsiManoj, VarmaK.Shiva Krishna, M.Subba Reddy, Test Engineering and Management, 83(March/April) (April & 2020), 13292 – 13301, ISSN: 0193-4120.
131. **Arduino based Object Sorting Machine using Color Sensor and Weight Sensor**, M.HemaLatha, G Naga Sai Pradeep, BalliJayasri, Gollapalli Sai Geetha, Test Engineering and Management, 83(March/April) (April & 2020), 13307 – 13313, ISSN: 0193-4120.



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Accredited by NAAC, NBA Tier-1 for CSE, IT, ECE, EEE & ME and “CPE” status by UGC.

### Research & Development Cell

---

132. **Recommender System for Favourite Dish in Best Restaurant**, K.Michael Sadgun Rao, V.LakshmiHarika, K.Venkateswara Rao, P.Tirupathirao, Test Engineering and Management, 83(May/June) (May & 2020), 2589 – 2594, ISSN: 0193-4120
133. **An Experimental Study of Crime Prediction using Machine Learning Algorithms**, S. Nagamani, I.Bhavishya, B. Vijay Kumar, T. Geetha Sri, Test Engineering and Management, 83(May/June) (May & 2020), 17819-17825, ISSN: 0193-4120
134. **Movie Recommendation System Using Machine Learning Algorithms**, K.Anupriya, D. Siddhabhi, T.Shyam Kumar, K.B. Vamsi, Test Engineering and Management, 83(May/June) (May & 2020), 2414-2420, ISSN: 0193-4120

#### Department of Mechanical Engineering

135. **Enhancement of Efficacy and heat transfer characteristics of TiO<sub>2</sub> Nano fluids under turbulent flow conditions in parabolic trough collector**, K.Dilip Kumar, T.Srinivasa Rao, M.Srinivas, K.Ashok Reddy, International journal of Mechanical Engineering and Technology, Vol. 11, Issue 3, March 2020, pp. 68-79, ISSN: 0976-6359
136. **Effect of Condenser Length on Performance of Water Cooling Refrigeration System cum Air Cooler**, Siva Sankara Babu Ch, Abhi Ram G, Srinu K, Prudhvi Raj G, NuruddinShaik, International Journal of Innovative Technology and Exploring Engineering, Vol. 9, Issue 6, April 2020, pp. 1463-1467, ISSN: 2278-3075
137. **Exact Damage Identification of Plate-Like Structure Using Mode Shapes**, Siva Sankara Babu Chinka, G. Jyosthana Surya Kumari, M. GunaSahithi, S. Mahesh, M. R. Krishna Mohan, International Journal of Innovative Technology and Exploring Engineering, Vol. 9, Issue 6, April 2020, pp. 1264-1272, ISSN: 2278-3075
138. **Optimization of Diesel Engine performance by Taguchi Grey Relational analysis using fuel blends**, A.Naresh Kumar, K.Madhu Babu, B.Prasanth Kumar, S.Kiran Kumar, P.S.Kishore, International Journal of Recent Technology and Engineering, Vol. 8, Issue 6, March 2020, pp. 4221-4230, ISSN: 2277-3878
139. **Fabrication and AL Alloy composite reinforced with silicon carbide and graphite through stir casting process and wear analysis**, K.Sridivya, Ch.MohanSumanth, J.Surendra, V.Sankara Rao, International Journal of Mechanical and Production Engineering Research and Development, Vol.10, Issue 3, June 2020, pp. 1445-1454, ISSN: 2249-6890
140. **Numerical Simulation of shell and Tube heat exchanger using Ansys Fluent**, Kamala Priya B, B.Udaya Lakshmi, A.Hari Krishna, International Journal of Innovative technology and exploring Engineering, Vol. 8, Issue 11S2, Sep 2019, pp. 543-545, ISSN: 2278-3075 (Scopus Journal).
141. **Novel CFD analysis on heat transfer characteristics of nano coolants for automobile radiators**, Vidya CH, G.RavikiranSastry, P.Phani Prasanthi, Snigdha Surapaneni, International Journal of Mechanical and Production Engineering Research and Development, Vol. 10, Issue 3, June 2020, pp. 1869-1876, ISSN: 2249-6890

#### Management of Business Administration



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### Research & Development Cell

---

142. **Crowdfunding - the investment tool for millennial entrepreneurs**, Siva reddy. P, Ravikiran yasaswi. K, Kalyan kumar. B, vision: journal of indian taxation, 6, 1, Aug-2019, 50-63, 2319-7668(p); 2278-487X(e); <https://doi.org/10.17492/vision.v6i1.185483>.

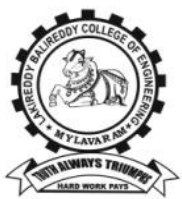
#### Master of Computer Applications

143. Analysis of Double Quality Guaranteed Scheme for Cloud Broker  
K.Phaneendra, Bandi Bindu, D.Ramesh, G. Sravanthi, G. Naga Mani, TEST Engineering and Management magazine, Volume 83, ISSN: 0193-4120, March-April 2020, Page No. 13319 – 13324
144. Analysis of Wireless sensor Networks under Cloud Computing Study  
K.Phaneendra, Gutti Sindhuja, K. Akhila, P. Ajay Kumar, Sd. Jalal, TEST Engineering and Management magazine, Volume 83, ISSN: 0193-4120, March-April 2020, Page No. 13286 – 13291
145. Control of Productivity and Software Reliability by Using Data Mining Analysis  
G. Rajendra, Ch. Sateesh Reddy, P. Nagarjuna, A. Srinadh, B. Ravali, TEST Engineering and Management magazine, Volume 83, ISSN: 0193-4120, March-April 2020, Page Number: 13325 – 13330
146. Facial Emotion Recognition Study by Using Deep Learning  
G. Rajendra, Y. B. C. S. Sai Kumar, D. Durga Bhavani, G.Lakshmi Durga, Karra Prasanna, TEST Engineering and Management magazine, Volume 83, ISSN: 0193-4120, March-April 2020, Page No. 13338 – 13347
147. A Novel Hybrid Cryptographic and Compression Techniques for Security Analysis in Ecommerce  
S Siva Rama Krishna, Z. G.Ashok Kumar, V. Naga Raju, K. Y. ManiKanta, S. Mohan Babu  
TEST Engineering and Management magazine, Volume 83, ISSN: 0193-4120, March-April 2020, Page No. 13241 - 13247
148. Feature Selection Analysis for Early Detection of Cyber Attacks  
S Siva Rama Krishna, Ch Rama Krishna, Ch Sneha, G Navya, Y. Hemchand, TEST Engineering and Management magazine, Volume 83, ISSN: 0193-4120, March-April 2020, Page No. 13348 – 13355
149. Analysis of Multi-Agent Reinforcement Learning Tools for Intrinsic Social Motivation  
Y Kranthi Kumar, M Ashok Kumar, R Venkateswara Rao, R Raja Sekhar, SK Rasheeda, TEST Engineering and Management magazine, Volume 83, ISSN: 0193-4120, March-April 2020, Page No. 13273 – 13279
150. Communication of Artificial Intelligence System on Social Systems  
Y Kranthi Kumar, Ch Manohar Chowdary, G Sujatha, R Kiran Babu, B Priyanka, TEST Engineering and Management magazine, Volume 83, ISSN: 0193-4120, March-April 2020, Page No. 13267 – 13272

#### Details of General Conf. Proceedings- 02

##### (ASE-01, MBA-01)

1. **Identification of nozzle parameters in 3S device using artificial intelligence and meta-heuristic optimization scheme**, P. Gangadhar Venkata Ramana, L. Prabhu, 2<sup>nd</sup> International Conference on Emerging Research in Civil, Aeronautical and Mechanical Engineering, AIP Conference Proceedings, 2204, 030004, 10<sup>th</sup> Jan. 2020, 0094-243X, 1551-7616. <https://doi.org/10.1063/1.5141567>.



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### Research & Development Cell

2. **Macro-economic determinants of life insurance business- empirical evidence during 2001-02 to 2015-16**, V.V. Narsi Reddy, International conference on recent challenges & explorations in engineering, TECHNOLOGY & SCIENCE, 21<sup>st</sup>Dec-2019, ISBN: 9781675714706

#### Details of Patents - 13

S.No.	Patent Title	Applicants/ Inventors	Patent No.	Published date
1.	Method Of Machine Learning Based Cluster Analysis For Large Categorical Data	1 . Dr. P. Santosh Kumar Patra 2 . Dr. S.V.Achuta Rao <b>3 . Dr. Duggineni Veeraiah</b> 4 . Dr. EnireddyVamsidhar <b>5 . Mr. V Siva Krishna</b> 6 . Mr. C.Yosepu 7 . Mr. N.Krishnavardhan	201941042954	25/10/2019
2.	Smart Eyewear With Reading Assistive System	<b>1)Dr.O.RamaDevi</b> 2)Dr.Rama Devi Burri 3)Dr.YellammaPachipala 4)Dr.RajuAnitha 5)M.ArunaSafali 6)Dr.K.Swathi	201941049771 A	13/12/2019
3.	Automatic Fire Ball Ejecting Device	<b>1 . Dr.P.Ashok Reddy</b> 2 .Dr.M.Babu Reddy 3 .Smt.M.HemaLatha 4 .Dr.V.Sambasiva Rao 5 .Dr.K.Sudheer Reddy	202041002780	31/01/2020
4.	Computer Implemented Method For Enhanced Security Of Color Image Using Asymmetric Rsa Algorithm	1 . Dr. Babu Rao Markapudi 2 . Dr. Kavitha Chaduvula <b>3 . Dr. Chaduvula. Rathna Jyothi</b> 4 .YadlapalliKasiviswanadham 5 .Melam Naga Raju	202041002481	31/01/2020
5.	IHY-Prediction: Intelligent System And Method For Advanced Harvest Yield Prediction Using Iot Based Technology	<b>1 . Dr. Srinivasa Rao Mekala</b> 2 . Dr. P.S.V. Srinivasa Rao 3 . Dr. RangaswamySirisati <b>4 . Mr. T. Udaya Kumar</b> 5 . Mr. Hari Prasad Chandika 6 . Dr. A. Mallikarjuna Reddy	201941054460	03/01/2020
6.	V-ATM: Intelligent Virtual Bank With Automated Teller Machine	<b>1 .Divvela Srinivasa Rao</b> 2 .Suyash Agrawal 3 .Megha Seth 4 . Rakhi Seth	202041003687	07/02/2020
7.	Pet Cleanliness Detecting Smart Belt	<b>1 . Mr. Shaik Johny Basha</b> 2 . Dr. Mekala Srinivasa Rao 3 . Ms. Samineni Bhavani 4 . Dr. Nissankara Lakshmi Prasanna	327364-001	08/05/2020





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		<b>5. Dr. ChaduvulaRatna Jyothi</b>		
8.	IHY-Prediction: Intelligent System And Method For Advanced Harvest Yield Prediction Using Iot Based Technology	<b>1 . Dr. Srinivasa Rao Mekala</b> 2 . Dr. P.S.V. Srinivasa Rao 3 . Dr. RangaswamySirisati <b>4 . Mr. T. Udaya Kumar</b> 5 . Mr. Hari Prasad Chandika 6 . Dr. A. Mallikarjuna Reddy	201941054460	03/01/2020
9.	Smart Wearable Reminder Device	Dr. Madam Aravind Kumar Movva Pavani Dr. Pattisapu S.N. Murthy <b>Dr. Ede Venkata Krishna Rao</b> Alluri Krishna Chaitanya	201941054851	03-01-2020
10.	Automatic Voltage level up/level down shifter for VLSI circuits	<b>Dr. Srinivasulu Gunadala</b>	202041017082	05-06-2020
11.	Smoothing Filter based JPEG compression for Noisy images	Dr.Rambabu Busi	201941044505 A	29-11-2019
12.	Seamlessly Integrated Super Network Of Blood Banks For Easy And Transparent Transactions	<b>Dr. B. Srinivasa Rao</b> , Dr. S. Naganjaneyulu, Dr. B. Rama Devi, Dr.O. Rama Devi, Mr. Ch. Sambasivarao	201841021654	13/12/2019
13.	ATM Card And Fingerprint Based Authentication System For Online Banking Using Smartphone	<b>V V Krishna Reddy</b> Chandra Sekhar Kolli Dr.K.Chokkanathan Binu Dennis Rajakumar B. R.	202041015194	05/06/ 2020

### Details of Sponsored Research

**No. of Research Projects: 02**

S.No.	Faculty with Designation	Title of the Proposal	Funding Agency-Scheme	Amount Sanctioned & Date	Status & Duration	Amount received in Rs.
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## 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.

Accredited by NAAC, NBA Tier-1 for CSE, IT, ECE, EEE & ME and “CPE” status by UGC.

### Research & Development Cell

1.	<b>Dr. N.Sunil Naik</b> Assoc. Professor	Evaluation of Engine Parameters affecting the performance of Enzymatic Transesterification process using test fuel blends <b>(ME)</b>	SERB-EEQ	22,81,000, 01-07-2018 &	17.07.2019	Ongoing
2.	<b>Dr. L. Prabhu</b> Assoc. Professor <b>Student:</b> P. GangadharVenkataRamana, Kiran Jadediya	Experimental Investigation of Condensation Process in 3S Device with Pre-cooling System <b>(ASE)</b>	IEI- R&D Grant-in-Aid (UG)  <b>Non-Govt.</b>	Rs, 20,000/-& 9 <sup>th</sup> Dec. 2019, <b>6 Months</b>  <b>Ref. No.:</b> R.4/2/UG/2019-20/2020035	Rs, 20,000/- & 1 <sup>st</sup> Jan. 2020	Completed

#### Other Grants (MODROBS, STTP, FDPs, Travel Grants, Workshop/Conference Grants etc) - 04

S.No.	Faculty with Designation	Title of the Proposal	Funding Agency-Scheme	Total Amount Sanctioned in Rs & Date, Duration	Amount received in Rs. & Date	Status
1.	Dr.K.Harinadha Reddy <b>(EEE)</b> Professor & Vice Principal	Modernization & Removal of Obsolescence of electrical machines laboratory (MODROBS)	AICTE-MODROBS	15,88,334/- & 16-05-2019	12,70,667/- & 12-02-2020	Ongoing
2.	Dr. Ch. Venkata Narayana Professor <b>(CSE)</b>	Modern Removal and Obsolescence-Rural (MODROBS)-Design and Development of Real-Time Applications in the field of Artificial Intelligence	AICTE-MODROBS	Rs. 10,75,000/- & 16-05-2019 <b>2 Years</b>	8,30,000/- & 06-03-2020	Ongoing
3.	Dr. D. Jagan Mohan Reddy <b>(CSE)</b> & Dr. B. Rama Devi <b>(IT)</b>	FDP on Python Programming – An Industry Perspective	E&ICT MNIT, Jaipur	88,200/- & 29-11-2019 <b>(05 Days</b> From 02-12-2019 to 06-12-2019)	25,000/- & 29-11-2019	Completed
4.	Dr. P.Vijaya Kumar Professor <b>(ME)</b>	PRERANA-Programme Centre for SC/ST Students	AICTE - PRERANA	4,80,000	13.12.2019	Ongoing

#### Travel Grants for International Conferences - Nil



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### Research & Development Cell

S.No.	Faculty, Name of the Conference, Duration	Country	Title of the Talk	Travel grant received from
1.				

#### Details of Ph.D. Guided Successfully-02

S.No.	Details of Faculty	Acted as	Scholar Name	Awarding University	Date of Awarding
1.	<b>Dr.E.V.Krishna Rao</b> Dean, R&D Professor, ECE	Supervisor	Mr.K.Raja Rao Date of Reg.: 04-01-2012	Kanchi University	03-07-2019
2.	<b>Dr. E.V. Krishna Rao</b> Dean, R&D Professor, ECE	Supervisor	Smt.B.Suneela Reddy Regd. No-13304101 Date of Reg.: 08-02-2014	KLEF, Vaddeswaram	06-02-2020

#### Details of Books-01

S. No.	Authors	Title of the Book	Publisher	Published Date	ISBN
1.	<b>Dr. M. Srinivasa Rao (CSE)</b> Dr. E. Suresh Babu Ch. Hari Prasad	Problem Solving and Programming in C	Lambert Academic Publishing	16-12-2019	978-620-0-48461-1 (Pages: 1-273)

#### Details of Faculty Secured Ph.D. -02

(ECE-01, IT-01 & MBA -01)

S.No.	Faculty with Designation	Date of Registration	Date of Awarding Ph.D.	Name of the University
1.	<b>B.Y.V.N.R. Swamy</b> Assoc. Professor, Dept. of ECE	10-10-2014	12-02-2020	Acharya Nagarjuna
2.	<b>Koneru Anupriya</b> Assoc. Professor, Dept. of IT	04-03-2014	28-09-2019	Acharya Nagarjuna

**Dean R&D**