

EDITORS-IN-CHIEF

Dr. G. R. KULKARNI

Principal, C. U. Shah College of Engineering & Technology, Wadhwan City. 363030 (India)

Dr. N. N. JANI

Director, S. K. P. Institute Of Mgt. And Computer Studies, Sector-23, Gandhinagar, 382 023

Editorial Board

Dr. Deborah Rayfield Maryland	Dr. N. Yadhiah Hyderabad	Dr. Ketan Kotecha Ahmedabad	Dr. Tee Hiang Chang Singapore
Dr. O. P. Jasuja Patiala	Dr. Jaime A. Teixeira Japan	Ch.V.S.Parameswara Rao, Guntur	Dr. Wayi Yue Japan
Dr. D. G. Kuberkar Rajkot	Dr. Clyde F. Martin Lubbock, TX	Dr. Bala Srinivasan Australia	Prof. Jie Huang Hong Kong
Dr. Rajeshwari Hegade Banglore	Dr. Iwalokun Bamidele Nigeria	Dr. A. R. Patel Patan	Dr. V. R. Rathod Bhavnagar
Dr. Desouky Abd- El-Haleem	Dr. G. R. Karpagam Coimbatore	Dr. S. G. Desai Ahmedabad	Dr. Terrance O'Brian Releigh, NC
Dr. Shakti Kumar Jagadhri	Dr. Yogesh Singh New Delhi	Dr. Shouyang Wag Beijing, China	Dr. Hamid R. Arabania USA
DR. K. H. Wandra Surendranagar	Prof. Kanade K. J. Lonavala	Dr. N. P. Gopalan Tiruchirapalili	Dr. V. V. Pillai Cochin
Dr. James Terlaky Canada	Dr. P. Nagabhushan Mysore	Dr. Ishtiaque A. Khan Aligarh	Dr. B. B. Jaysingh Hyderabad
Prof. T. D. John Kanpur	Dr. N. Asok Kumar Trivendrum	Dr. V. Nath Ranchi	Dr. Pradeep Gundaliya Ahmedabad
Dr. A. A. Shaikh Surat	Dr. Y. M. Thakare Amaravat	Dr. P. S. Raghuprasad Mysore	Dr. C. H. Vithalani Rajkot
Dr. A. Govardhan Hyderabad	Dr. Jyotirmay Banerjee Surat	Dr. S. C. Sharma Roorkee	Dr. J. Dutta Majumdar Kharagpur
Dr. Rajiv Dharaskar Nagpur	Dr. Philip Samuel Cochin	Dr. S. C. Pradhan Kharagpur	Dr. Pravat Kumar Parhi Bhubaneswar
Dr. Dhason Antony Noida	Dr. E. George D.P.R. Tiruchirappalli	Dr. Manjunath Aradhya Banglore	Dr. D. K. Dwivedi Roorkee
Dr. Tenneti Madhu Bhimavaram	Dr. Lean Yu Beijing, China	Dr. P.Balasubramaniam Gandhigram	Dr. Xin Min Yang China
Dr. C. K. Kumbharana Rajkot	Dr. P. K. Manoj Kochi	Dr. Alok Jain Vidisha	Dr. Bandu B. Meshram Mumbai
Dr. Sanjay V. Dudul Amravati	Dr. V. D. Barve Nasik	Dr. Vijaykumar Chavda Porbandar	Dr. Ford Lumban Gaol Jakarta
Dr. K. Mustufa New Delhi	Dr. N. R. Rajkumar Banglore	Prof. A. K. Saxena Roorkee	Dr. Chung Yau Lam Singapore
Dr.B.B.Meshram Mumbai	Dr.Pramod Patil JDCE-Nagpur	Dr.M.V.Subramaniam Nandyal	Dr.Jyotsna D. Mujumdar, Kharagpur
Dr.Biswajit Satpathy Burla-Sambalpur	Dr.Dhaval Kathiriya Gandhinagar	Dr.P.K.Garg Roorkee	Dr.Syed Abdul Sattar Hyderabad
Dr.Lean Yu Beijing	Dr.Utkarsh Seethe Jaipur	Dr.M.N.Qureshi Vadodara	Dr.Ashok Rama Perundurair

Regional Editors

Prof. Bhavin Sedani Rajkot	Anjali Ganesh Jivani Vadodara	Dr. V. Charles Mysore	R. S. Dalu Amravati
Chidanada Acharya Manipal	Z. S. Punekar Bijapur	Abdul Rahim Ismail Malaysia	Durgaprasad D. Vijaywada
Pradeep KR Chauhan Solani	Vishal Dahiya Ahmedabad	Munesh C. Trivedi Ghaziabad	Siddhartra Baruah Jorhat
P. Joe Arun Raja Sivakasi	R. J. Rama Sree Tirupati	Jagdish M. Rathod Vallabh Vidyanagar	Pramod R. Bhagat Allahabad
G. T. Tomar Indore	Amisha Shingala Vallabh Vidyanagar	Karan Singh Allahabad	Seema Shah Mumbai
K.V.S.S.S.S. Sairam Hyderabad	Prof. S. K. Shandilya Bhopal	Mohd. Sadiq New Delhi	Rajesh Sambhe Yavatmal
Vimala Juliet India	Dayashankar Singh Gorakhpur	Prof. D. V. Ashoka Bangalore	Prof. Kanhe Ram K. Aurangabad
Savita Pamnani Jaipur	Prof. Deepshikha Bhargva, Jaipur	Prof. P. K. Garg Roorkee	Prof. Ved Vyas Dwivedi Changa
Prof. B. S. Patil Sangli	Prof. Anwar Mubarak Mulla, Vita	Prof. Ms. Avani Vasant Rajkot	Prof. Vivek Choudhari Dhule
Prof.S.U.Gumaste Nagpur	Prof.Vishal Goyal Patiala	Prof.Kirit Modi Kherava	

CONTENTS

Sr. No.	Title & Authors	Page Nos.
1	<p>ENHANCEMENT OF OVERALL EQUIPMENT EFFECTIVENESS OF LE CUTTING MACHINE AT NRB BEARING.</p> <p><i>¹NITIN G. PHAFAT, ²R.R. DESHMUKH, ³D.R.DOLAS , ⁴DR. SUDHIR D. DESHMUKH</i></p> <p>^{1,2,3} Asst. Prof. Mech. Engg. Deptt. Jawaharlal Nehru Engg. College, Aurangabad, ⁴ Principal, Jawaharlal Nehru Engg. College, Aurangabad, India</p> <p><i>phafatng@gmail.com</i></p>	001
2	<p>STRESS ANALYSIS OF INFINITE ORTHOTROPIC PLATES: RECENT DEVELOPMENTS</p> <p><i>¹S J JOSHI , ²PROF. (DR.) S MANEPATIL</i></p> <p>¹Associate Professor, Mechanical Engineering Department, Institute Of Technology, Nirma University Ahmedabad. ²Professor And Head, Mechanical Engineering Dept., SGSITS, Indore.</p> <p><i>smita_mp@rediffmail.com, s.j.joshi@nirmauni.ac.in</i></p>	006
3	<p>MANAGING HUMAN RESOURCES IN SMALL AND MEDIUM SCALE ENTERPRISES -A PROSPECTIVE STUDY</p> <p><i>¹SANTOSH KUMAR .A. N, ²RAVI. K. S</i></p> <p>¹Professor, Department Of Mechanical Engineering, Sri Jayachamarajendra College Of Engineering, Mysore – 570006, Karnataka, India ²Research Scholar, Department Of Mechanical Engineering, Vidyavardhaka College Of Engineering, Mysore -570002, Karnataka, India.</p> <p><i>dr.ansk@yahoo.com, raviskadur@rediffmail.com</i></p>	009
4	<p>KNOWLEDGE MANAGEMENT: KEY FACTOR OF SUCCESS FOR ORGANIZATION</p> <p><i>SANTOSH B. SADAR</i></p> <p>Associate Professor, Department Of Business Administration And Management Sant Gadgebaba Amravati University AMRAVATI (MS) INDIA 444 602</p> <p><i>sadar123@rediffmail.com</i></p>	013
5	<p>HOME AUTOMATION SYSTEM TO MONITOR AND CONTROL HOME APPLIANCES USING JAVA</p> <p><i>¹ANUJA KHODASKAR, ²DR.S.A.LADHAKE</i></p> <p>¹Lecturer, Department Of Computer Science & Engineering, Sipna Campus, Amravati University, Amravati, Maharashtra, India. ²Principal, Sipnas' College Of Engineering & Technology, Sipna Campus, Amravati University, Amravati, Maharashtra, India</p> <p><i>annujha_24@rediffmail.com, sladhake@rediffmail.com</i></p>	020

6	<p>NANOTECHNOLOGY AND ITS APPLICATIONS -A REVIEW</p> <p><i>¹R.V.PETHKAR, ²P.D.KULKARNI, ³A.M.PIRJADE, ⁴NEERAJ MAHAJAN</i></p> <p>¹Lecturer, A.D.C.E.T., Ashta, Dist. Sangli, Ms. ²Research Scholar, A.D.C.E.T., Ashta, Dist. Sangli, Ms. ³Senior Lecturer, A.D.C.E.T., Ashta, Dist. Sangli, Ms. ⁴studnet, Mech. Dept, A.D.C.E.T., Ashta, Dist. Sangli, Ms.</p> <p><i>raju_pethkar@yahoo.com, prasad033@yahoo.co.in, am_pirjade@rediffmail.com, neerajmahajan@gmail.com</i></p>	023
7	<p>SYNTHESIS AND MAGNETIC CHARACTERIZATION OF GALIUM-COBALT SUBSTITUTED Ca-HEXAFERRITES</p> <p><i>¹D. S. BHOWMICK, N. M. PATIL, ²K.G. REWATKAR</i></p> <p>¹Department Of Applied Physics, Laxminarayan Institute Of Technology, RTM Nagpur University, Nagpur, India. ²Department Of Physics, Dr. Ambedkar College, Deekshabhoomi, Nagpur, India.</p> <p><i>d_nuva@yahoo.in, aresh_patil2006@yahoo.co.in, kishor_rewatar@rediffmail.com</i></p>	029
8	<p>LOW COST SOLUTIONS FOR WIRELESS AC LOAD CONTROL APPLICATIONS</p> <p><i>¹A B BAMBHANIYA, ²J M RATHOD</i></p> <p>¹ Assistant Profesor, Et Department, Birla Vishvakarma Mahavidyalaya Engg College, V V Nagar-Anand-Gujarat-India ²Assistant Professor, El Department, Birla Vishvakarma Mahavidyalaya Engg College, V V Nagar-Anand-Gujarat-India</p> <p><i>abbambhania@yahoo.co.in, jmr.bvm@gmail.com</i></p>	033
9	<p>INVESTIGATION OF EMI/EMC INSPECTS IN DESIGN OF A S BAND BAND PASS FILTER USING VLSI</p> <p><i>¹N.S MURTHY SARMA , ²M.L.N.ACHARYULLU , ³RAJYA LAKSHMI.B, ⁴K.LALKISHORE</i></p> <p>¹S V Institute Of Engineering & Technology, Moinabad A.P. India. ²Institute Of Aeronautical Engineering , Dundiigal, Hyderabad,Ap ³electronics And Radar Development Establishment ,Ministry Of Defence, Bangalore Govt Of India ⁴Director R&D Cell ,Jntuh Kukatpally, Hyderabad</p> <p><i>nms2010@ieee.org, nms1207@gmail.com, mlnacharyulu@yahoo.co.in</i></p>	037
10	<p>A REVIEW: DYNAMIC PLANT LAYOUT OPTIMIZATION</p> <p><i>¹K.V. CHANDRATRE AND ²DR. K. N. NANDURKAR</i></p> <p>¹Workshop Superintendent, GESCOE, Nashik., ²Principal, KKWIEER, Nashik</p> <p><i>ckailas@rediffmail.com , keshav1965@gmail.com</i></p>	043

11	<p>NORMALIZED SIGNED REGRESSOR PARTIALUPDATE LMS BASED ADAPTIVE DECISION FEEDBACK EQUALIZATION</p> <p><i>¹CH. SUMANTH KUMAR, ²RAFI AHAMED SHAIK, ³K.V.V.S. REDDY</i></p> <p>¹Dept.Of ECE, GITAM Institute of Technology, GITAM University, Visakhapatnam ²Indian Institute of Technology, Guwahati-781039, India ³AUCollege of Engineering, Andhra University, Visakhapatnam</p> <p><i>c_sumanth@yahoo.com</i></p>	048
12	<p>MITIGATING CHANNEL ESTIMATION ERROR FOR SINGLE AND MULTICARRIER WIRELESS OFDM SYSTEMS</p> <p><i>¹N.AMUTHA PRABHA, ²DR.V.MANIKANDAN</i></p> <p>¹VIT UNIVERSITY, Vellore,Tamilnadu,India ²Coimbatore Institute Of Technology, Coimbatore, Tamilnadu,India</p> <p><i>raprabha@gmail.com , drvmanikandan@ymail.com</i></p>	053
13	<p>PREPROCESSING OF EARPRINT IMAGES: A STEP TOWARDS BETTER SURVELLIANCE</p> <p><i>¹KIMBERLY G. MORAES , ² R.B.LOHANI , ³ AISHA FERNANDES</i></p> <p>^{1,2}Department of Electronics and Telecommunications ³Department of Information Technology Goa College of Engineering, Farmagudi Ponda Goa (India) 403401</p> <p><i>kimberlymoraes@gmail.com, rblohani@gec.ac.in ,aishafds@yahoo.com</i></p>	058
14	<p>DETERMINATION OF VARIATIONS IN GLOBAL ENVIRONMENTAL TEMPERATURE DUE TO GREEN HOUSE EFFECTS</p> <p>DR. JOHN DANIEL</p> <p>Asst. Professor of ECE, Madha Engg. College, Madha Nagar, Chennai – 600 009</p> <p><i>godjchsiaothers@yahoo.in</i></p>	061
15	<p>NORMAL MODE SOUND PROPAGATION IN AN OCEAN WITH A WAVY SURFACE – III</p> <p>DR. JOHN DANIEL</p> <p>Asst. Professor of ECE, Madha Engg. College, Madha Nagar, Chennai – 600 009</p> <p><i>godjc1jc2@yahoo.co.in</i></p>	065

16	<p>COMPUTATIONAL ANALYSIS OF L – SHAPED MICROSTRIP ANTENNA USING CAVITY MODEL METHOD</p> <p><i>¹ PRIYANKA GUPTA, ² D.C.DHUBKARYA</i></p> <p>Department of Electronics & Communication Engineering Bundelkhand Institute of Engineering & Technology ,Jhansi (U.P.), INDIA</p> <p><i>priyanka.biet07@gmail.com, dcd3580@yahoo.co.in</i></p>	067
17	<p>EFFECT OF MELTING AND THERMAL DISPERSION ON MIXED CONVECTION FLOW FROM VERTICAL PLATE EMBEDDED IN NON-NEWTONIAN FLUID SATURATED NON-DARCY POROUS MEDIUM</p> <p><i>¹ B.D.C.N.PRASAD.; ² K.HEMALATHA.; ³ J.SIVA RAM PRASAD.; ⁴ P.K.KAMESWARAN</i></p> <p>¹ Dept. of Computer applications; P.V.P.Institute of Technology; Vijayawada. ² Dept. of Mathematics; V.R.Siddhartha Engg. College; Vijayawada. ³ Dept. of Mathematics; V.R.Siddhartha Engg. College; Vijayawada. ⁴ Dept. of Engg. Mathematics; A.U.College of Engineering; Vizag.</p> <p><i>bdcnprasad@gmail.com , hemakphd@yahoo.co.in , ³nanijsrp@yahoo.co.in .</i></p>	070
18	<p>QUERY STREAM AND WEB KNOWLEDGE BASED QUERY CLASSIFICATION</p> <p><i>¹ MS. S. LOVELYN ROSE, ² DR. K. R. CHANDRAN</i></p> <p>¹ Dept. of IT, PSG College of Technology, Coimbatore, Tamilnadu – 641 004,India ² Dept. of Computer and Information Sciences, PSG College of Technology Coimbatore, Tamilnadu – 641 004,India</p> <p><i>lovelyndavid@gmail.com ,chandran_k_r@yahoo.co.in</i></p>	077
19	<p>IMPACT OF INDUSTRIES ON URBANISATION PROCESS OF THE RESOURCE BASED STATE OF JHARKHAND</p> <p><i>¹ BIMAL C. ROY, ² DR. SATYAKI SARKAR</i></p> <p>¹ Assistant Professor, Department of Architecture , Birla Institute of Technology, Mesra, Ranchi – 835215, India. ² Reader, Department of Architecture ,Birla Institute of Technology, Mesra, Ranchi – 835215, India.</p> <p><i>bimalcroty@gmail.com, satyakisarkar2002@gmail.com</i></p>	083
20	<p>DATA EXTRACTION AND FORMATING FOR DOWN STREAM ACTIVITIES OF CAPP AND CAM FROM ISO 10303-21 STEP AP-203</p> <p><i>¹ REUR SACHHIDANAND, ² HEBBAL S S</i></p> <p>¹ Selection Grade Lecturer, Dept of I P Engg. PDA College of Engg., Gulbarga-- 585102 , ² Professor and Head, Dept of I P Engg. PDA College of Engg., Gulbarga-- 585102 , Karnataka</p> <p><i>sr.chidu1@gmail.com , shebbal@rediffmail.com</i></p>	088

21	<p>INTERFACE FOR IMAGE REGISTRATION PROCESS</p> <p>¹MR. CHETAN R. DUDHAGARA, ²MS. SHREYA BHAVSAR ³DR. KISHOR ATKOTIA ⁴DR. H.B.BHADKA</p> <p>¹ N. V. Patel College of Pure And Applied Sciences, VVnagar, Gujarat, India. ² N. V. Patel College of Pure And Applied Sciences, VVnagar, Gujarat, India. ³ Head, Computer Dept, J. H. Bhalodia Women's College, Rajkot, Gujarat, India. ⁴ I/C Director, C.U.Shah College Of Master Of Computer Applications , Wadhwan City</p> <p><i>sc.patel.2005@gmail.com,shey_comp@yahoo.com,atkishor@yahoo.co.in, harshd.bhadka@yahoo.com</i></p>	093
22	<p>TIME PERIODIC LAMINAR FREE CONVECTION FLOW OF DISSIPATIVE FLUID IN A VERTICAL CHANNEL IN THE PRESENCE OF HEAT SOURCE</p> <p>G.VISWANATHA REDDY, B.LAKSHMI, S.VIJAYA KUMAR VARMA</p> <p>Department of Mathematics, S.V. University, Tirupati, A.P., India – 517 502.</p> <p><i>gvr.svu@gmail.com</i></p>	096
23	<p>CONTOUR ELLIPSE FINE TUNING TO AN IMAGE SILHOUETTE USING GENETIC ALGORITHM</p> <p>¹ AUXILIA M ² LATCHOUMI T.P ³ ARTHI J ⁴ DEEPIKA P</p> <p>¹Department of IT, Christ College of Engineering & Technology, Puducherry, India ² Department of CSE, Christ College of Engineering & Technology, Puducherry, India ^{3,4} Department of IT, Christ College of Engineering & Technology, Puducherry</p> <p><i>auxilia.michael@gmail.com,lax.senthil@gmail.com,arthighp@gmail.com,dheepiga1989@gmail.com</i></p>	102
24	<p>EXPERIMENTAL INVESTIGATION OF BENEFICIAL EFFECT OF GEOTEXTILE REINFORCEMENT AT INTERFACE IN A LAYERED SOIL SYSTEM</p> <p>¹ T. K. NAGARAJ, ² DR.P. B. ULLAGADDI</p> <p>¹ Research Scholar, Department of Civil & Water Management Engineering, Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded 431606, ² Prof. in Civil & Water Management Engg, Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded-431 606,</p> <p><i>tk_nagaraj@yahoo.co.in, pbu@rediffmail.com</i></p>	108
25	<p>AUTOMATIC DESIGN & PERFORMANCE ANALYSIS OF DIGITAL CIRCUITS IN 45nm TECHNOLOGY</p> <p>¹MS. H. A. KOTAK, ²DR. G. R. KULKARNI, ³DR. R. A. THAKKER</p> <p>^{1,2} Department of E. C. Engg, C. U. Shah College of Engg & Tech, Wadhwan, Gujarat, India. ³ Dept of Electronics & Communication Engineering, Vishwakarma Government Engineering College, Chandkheda, Gandhinagar, Gujarat, India.</p> <p><i>kotak_hiral@yahoo.co.in</i></p>	112

26	<p>ANALYSIS OF COMPACT H-SHAPED MICROSTRIP PATCH ANTENNA USING IE3D</p> <p><i>¹RAVI KANT, ²ASHISH KUMAR GUPTA, ³MANOJ GUPTA</i></p> <p>¹Assistant Professor Department of Electrical & Electronics Engineering, ²Assistant professor Department of Electronics & Instrumentation Engineering, ³Lecturer department of Electrical & Electronics Engineering ¹⁻³Bhagwant Institute of Technology Muzaffar Nagar, Uttar Pradesh, India</p> <p><i>ravikant.biet@gmail.com, bjrashish@gmail.com, guptamanoj8485@yahoo.co.in</i></p>	118
27	<p>ECO-DESIGN OF A PRODUCT: QUANTITATIVE EVALUATION OF ENVIRONMENTAL IMPACT THROUGH LCA METHODS</p> <p><i>¹MS. SUMAN SHARMA , ²DR. SMITA MANEPATIL</i></p> <p>¹Professor , Department of Mechanical Engineering, TRUBA College of Engineering and Technology, Indore, ²Professor, Department of Mechanical Engineering, SGS Institute of Technology and Science, Indore</p> <p><i>ersumansharma@yahoo.co.in, smita_mp@rediffmail.com</i></p>	122
28	<p>ACOUSTIC EMISSION SIGNALS FOR MONITORING OF SPINDLE BEARING IN DRILLING MACHINE</p> <p><i>¹G. V. NAVEEN PRAKASH AND ²DR. H. V. RAVINDRA</i></p> <p>¹Asst. Prof, Dept. of Mech. Engg., Vidyavardhaka College of Engg., Mysore – 570 002 ²Professor & HOD, Dept. of Mech. Engg., P.E.S. College of Engg., Mandya – 571 401</p> <p><i>npgvi @ yahoo.co.in, mailhoverta @ yahoo.com</i></p>	127
29	<p>ACTIVE BIOMETRIC PERSONAL IDENTIFICATION SYSTEM USING PALMPRINT</p> <p><i>¹Dr. B. SRINIVASAN, ²Mr. V.K. NARENDIRA KUMAR</i></p> <p>¹Associate Professor, PG & Research Department of Computer Science, Gobi Arts & Science College (Autonomous), Gobichettipalayam – 638 453, Erode District, TN ²Assistant Professor, Department of Information Technology, Gobi Arts & Science College (Autonomous), Gobichettipalayam – 638 453, Erode District, Tamil Nadu, India.</p> <p><i>srinivasan_gasc@yahoo.com, kumarmcagobi@yahoo.com</i></p>	131
30	<p>THE EXPERIMENTAL AND FINITE ELEMENT ANALYSIS OF DEEP DRAWING OF CUP WITHOUT FLANGE.</p> <p><i>¹ S.M. MAGAR, ²DR.M.Y. KHIRE</i></p> <p>¹ Assistant Professor ,Department of Mechanical Engineering ,Padmashree Dr. Vithalrao Vikhepatil College of Engineering, Vilad Ghat Ahmednagar, Maharashtra, India. ²Principal,Padmashree Dr. Vithalrao Vikhepatil College of Engineering, Vilad Ghat Ahmednagar,Maharashtra,India.</p> <p><i>magarsusheel@yahoo.co.in, mykhire@gmail.com</i></p>	137

31	<p>EFFECTS OF ORDER OF PACKET TRANSMISSION AND PACKET DROPPING OF A ROUTER ON PACKET DELIVERY AND DELAY</p> <p><i>¹ HITENDRA PATIL, ² B.V.PAWAR, ³ S.C.MEHROTRA</i></p> <p>¹ Assisntant Professor In Computer Engineering At SSVPS B S Deore College Of Engineering, Dhule. ² Professor And Head Of Computer Science Department At North Maharashtra University, Jalgaon (India). ³ Professor At The Department Of Computer Science And Information Technology At Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.</p> <p><i>hitendradpatil@gmail.com</i></p>	142
32	<p>LOAD BALANCING THROUGH SHORTEST PATH IN REGULAR MESH TOPOLOGIES</p> <p><i>¹ M.ASHWINI, ² S.VASUNDARA, ³ DR.P.V.S.SRINIVAS</i></p> <p>¹ Assistant Professor, Department of CSE, Geethanjali College of Engg & Tech, Hyderabad,India-501 301. ² Associate Professor, Department of CSE, JNTUA, Anantapur, India-515 002. ³ Professor & Head, Department of CSE, Geethanjali College of Engg & Tech, Hyderabad,India-501 301.</p> <p><i>mamidi_ashwini@yahoo.com</i></p>	149
33	<p>SMS ENCRYPTION USING DICTIONARY BASED COMPRESSION</p> <p><i>¹ N. SREE RAM, ² DR. M. BABU REDDY, ³ I. RAJENDRA KUMAR</i></p> <p>^{1,2,3} Lakireddy Bali Reddy College of Engineering, Mylavaram-521230, AP, India</p> <p><i>sriramnimmagadda@gmail.com ,m_babureddy@yahoo.com ,rajendralbrce@gmail.com</i></p>	154
34	<p>ANT COLONY OPTIMIZATION APPROACH</p> <p><i>¹ DR. A. SUMATHI, ² E. SARAVANAKUMAR, ³ LATHIGARA AMIT MAHESHBHAI</i></p> <p>¹ Professor, Department of ECE, Adhiyamaan College of Engineering, Hosur (Tamilnadu) ² Research scholar in Anna University of Technology, Coimbatore. ³ P.G. scholar in Anna University of Technology, Coimbatore.</p> <p><i>amit_lathigara@yahoo.com,saraninfo@gmail.com,sumathi_2005@rediffmail.com</i></p>	158
35	<p>PROTOCOL STANDARDIZATION FOR INTRUSION DETECTION SYSTEM USING GENETIC ALGORITHM</p> <p><i>¹ D.PARAMESWARI, ² DR. R.M. SURESH</i></p> <p>¹ Research Scholar, Mother Teresa Women's University,Kodaikanal-624 101. ² Professor & Head, CSE,RMD Engineering College, Chennai, Tamil Nadu - 601206</p> <p><i>pkresearch@yahoo.com</i></p>	163

36	<p>RAINFALL-RUNOFF ANALYSIS OF HATHMATI BASIN USING SIMPLIFIED HYDROLOGICAL MODEL</p> <p><i>¹S.K.DAVE, ²DR.N.J.SHRIMALI, ³DR.N.H.MODI</i></p> <p>¹ Sr. Lecturer B.B.I.T, Vallabh Vidyanagar, Gujarat ² Associate Professor, The M.S. University of Baroda, Vadodara ³ Retd.Professor L.D.Engg. College, Ahmedabad.</p> <p><i>sk9dave@gmail.com</i></p>	170
37	<p>WEB INTRUSION AND ANOMALY DETECTION BASED ON DATA CLUSTERING AND ADAM</p> <p><i>¹AUXILIA M ²DEEPASHREE P RANGNEKAR ³R SYLVIYA ⁴A NIZREENA BANU</i></p> <p>¹Department of IT, Christ College of Engineering & Technology, Puducherry, India ² Department of IT, Christ College of Engineering & Technology, Puducherry, India ^{3,4} Department of IT, Christ College of Engineering & Technology, Puducherry</p> <p><i>auxilia.michael@gmail.com , deepuu23@gmail.com ,syl_cutie@yahoo.co.in banunizreena@gmail.com</i></p>	174
38	<p>DOCUMENT RETRIEVAL USING DYNAMIC TIME WARPING</p> <p><i>¹M. PRABU, ²RATANPARA JAYDEEP K</i></p> <p>¹ Lecurer, Dept. of CSE, Adhiyamaan College of Engineering, Hosur (Tamilnadu) ² PG Scholar,, Dept. of CSE, Adhiyamaan College of Engineering, Hosur (Tamilnadu)</p> <p><i>jaydeep.ratanpara@gmail.com, prabu_pdas@yahoo.co.in</i></p>	178
39	<p>EXTRACTION OF INTRINSIC LIGHTING INVARIANT PROPERTY OF A FACE WITH USE OF SELF QUOTIENT IMAGE</p> <p><i>¹M. ASHWIN, ²SHIRA MILAN DHANRAJBHAI</i></p> <p>¹ Assistant professor, CS Dept, Adhiyamaan college of engineering, HOSUR (TN). ² Anna Unviersity of Technology, Coimbatore</p> <p><i>ashwincse7@rediff.com,milanshira_ce1985@yahoo.co.in</i></p>	184
40	<p>RESOURCE DISCOVERY BASED ON QOS-AWARE CHECKPOINTING ARRANGEMENT IN GRID COMPUTING</p> <p><i>¹DR. A. SUMATHI, ²E. SARAVANAKUMAR, ³LUNAGARIA MUNINDRA HASHMUKHBHAI</i></p> <p>¹Professor, Department of ECE, Adhiyamaan College of Engineering, Hosur (Tamilnadu). ² Research scholar in Anna University of Technology, Coimbatore. ³ P.G. scholar, Anna University of Technology, Coimbatore.</p> <p><i>munindra.lunagarria@gmail.com,saraninfo@gmail.com,sumathi_2005@rediffmail.com</i></p>	188

41	<p>MULTICHANNEL COMBINATION TECHNIQUE FOR FAST IMAGE RESTORATION IN DIGITAL IMAGE PROCESSING</p> <p><i>¹. HETAL DAVE, ². JIMIT THAKER</i></p> <p>¹. C.U.Shah College of Engineering and Technology, Wadhwan City, Surendranagar, Gujarat ². Infosys Technologies Limited, Pune, Maharastra</p> <p><i>dave_hetal88@yahoo.co.in, jimit_thaker@yahoo.com</i></p>	197
42	<p>INTELLIGENT AGENTS IN FIXING THE GRANULARITY OF LEARNING OBJECTS FOR E-LEARNING SYSTEM DESIGN -A RESEARCH REVIEW</p> <p><i>¹ DR. M.K.JAYANTHI, ² DR. S.K. SRIVATSA, ³T.RAMESH.</i></p> <p>¹ Senior Lecturer, Dept. of Computer Science and Engineering, Sri ChandraSekharendra Saraswathi ViswaMaha vidhyalaya, SCSVMV University, Enathur, Kancheepuram. ² Professor(Rted),Dept. of Electro. Engg, Anna University, MIT Campus, Chromepet, Chennai. ³ Asst. Professor, Dept. of Management Studies, Shree Adiparasakthi college of Engineering and Technology, Kalavai, Vellore Dt. Tamilnadu.</p> <p><i>mkjayanthi@gmail.com ,ramesh_shreenee@yahoo.com</i></p>	202
43	<p>INTEGRATED ROGUE ACCESS POINT DETECTION SYSTEM AND COUNTER ATTACK IN WIRELESS LAN</p> <p><i>MR. PRAMOD A. JADHAV, PROF. S.B.VANJALE, MR.AMOL K. KADAM</i></p> <p>Department of Computer Engg, Bharati Vidyapeeth Deemed University College of Engineering Pune</p> <p><i>pramodjadhav1408@gmail.com, svanjale@rediffmail.com,akkadam@bvucoep.edu.in</i></p>	210
44	<p>EFFECT OF RARE-EARTH IONS ON THE THERMOLUMINESCENCE PROPERTIES OF LITHIUM BORATE GLASSES</p> <p><i>¹J. ANJAI AH, ²C. LAXMI KANTH, ³P. KISTAIAH</i></p> <p>¹ Professor, Department of Physics, Geethanjali College of Engineering and Technology, Cheeryal (V), Keesara (M), RR Dist, AP-501301, India. ² Department of Physics, Eritrea Institute of Technology, Eritrea, (North-East Africa) ³ Professor, Department of Physics, University College of Science, Osmania University, Hyderabad, AP- 500 007, India.</p> <p><i>anjaiiah.juluru@gmail.com</i></p>	214
45	<p>CHANGE DETECTION OF KOLVAN VALLEY A MICRO- WATERSHED BY USING RS & GIS TECHNIQUE</p> <p><i>¹ARUN W. DHAWALE, ²DR. P. B. ULLAGADDI</i></p> <p>¹ Lecture in Civil Engg. Dept ,AISSM'S IOIT, PUNE ² Professor , C.W.M. Dept. S.G.G.S.I.E.& Tech, Nanded.</p> <p><i>awdhawale2009@gmail.com , pbu@rediffmail.com</i></p>	218

46	<p>INVESTIGATIONS OF BOUNDS OF THE LEVEL CROSSINGS OF RANDOM ALGEBRAIC EQUATIONS</p> <p><i>¹P.K.MISHRA, ²BANAMBER SAHU</i></p> <p>¹Reader In Mathematics, CET, BBSR, BPUT, ODISHA INDIA ²Lecturer in Mathematics, TITE,BPUT ODISHA ,INDIA</p> <p><i>mishrapkdr@gmail.com, sahu.banambar@gmail.com</i></p>	222
47	<p>REVIEW OF DIFFERENT CONTROL STRATEGIES IN SEMIACTIVE SUSPENSION SYSTEM</p> <p><i>¹ P.R. KALE & ² DR. PROF S. R. LAPALIKAR</i></p> <p>¹Asst Prof, Dept of Mech Engg, Singhgad Academy of Engg,Kondhwa(BK),Pune – 411048, India ² Principal and Professor, Indore Institute of Science and Technology,Indore (MP), India</p> <p><i>pravin_r_kale@indiatimes.com , principal@indoreinstitute.com</i></p>	229
48	<p>REMOVAL OF EYE BLINK ARTIFACT IN EEG USING VIRTUAL INSTRUMENTATION</p> <p><i>¹JIGAR D. SHAH, ² DR. M. S. PANSE, ³ NAYAN R. PATEL</i></p> <p>^{1,2} Dept of Electrical Engg , VJTI, Mumbai, India, ³ Dept of E.C. Engg ,C.C.E.T., Gujarat, India</p> <p><i>welcomebyjigarshah@gmail.com, nayan_patel264@yahoo.com</i></p>	233
49	<p>BRIQUETTING OF AGRICULTURAL BIOMASS: AN OVERVIEW</p> <p><i>¹VINAY V. ANKOLEKAR , ² PRAVIN R. KALE</i></p> <p>^{1, 2} Department Of Mechanical Engineering, Sinhgad Academy Of Engineering, University Of Pune, Kondhwa (Bk), Pune – 48, Maharastra, India.</p> <p><i>vinay.ankolekar@gmail.com, pravin_r_kale@indiatimes.com</i></p>	237
50	<p>IMPROVEMENT OF TRANSIENT STABILITY AND VOLTAGE PROFILE FOR A MULTIMACHINE POWER SYSTEM USING STATIC COMPENSATOR (STATCOM)</p> <p><i>¹MAHENDRA BHADU, ² KUSUM DANGI</i></p> <p>¹ Assistant Professor, Department of Electrical Engineering, Govt. Engineering College, Bikaner. ² Asst Prof, Department of Electrical Engg, Malaviya National Institute of Technology, Jaipur.</p> <p><i>mbhadu@rediffmail.com, mbhadu@gmail.com</i></p>	241
51	<p>ON SOME ASPECTS OF CLASSROOM MANAGEMENT</p> <p><i>DR. P H WAGHODEKAR</i></p> <p>Adviser (HR), IBS, Marathwada Institute of Technology, Aurangabad: 431028</p> <p><i>waghodekar@rediffmail.com</i></p>	246

52	<p>METHODS FOR INCREASING THE FATIGUE LIFE OF SPUR GEAR: REVIEW PAPER</p> <p><i>¹ RITA K. JANI, ² PROF.P.H.DARJI, ³ PROF. V. P. DARJI</i></p> <p>¹M.E. (CAD/CAM) Student, Dept. of Mechanical Engineering/C.U.Shah College of Engineering and Technology/Wadhwan City/Surendranagar/Gujarat/India. ²Professor & Head, Dept. of Mechanical Engineering/C.U.Shah College of Engineering and Technology/Wadhwan City/Surendranagar/Gujarat/India. ³Professor, Dept. of Mechanical Engineering/C.U.Shah College of Engineering and Technology/Wadhwan City/Surendranagar/Gujarat/India.</p> <p><i>rita_jani@rediffmail.com, pranav_darji@rediffmail.com, veera.jani@rediffmail.com</i></p>	253
53	<p>EVALUATION OF STRENGTH OF CORRECTED SPUR GEAR THROUGH FE ANALYSIS</p> <p><i>¹HAYATI V. RUPANI, ²PROF. P. H. DARJI</i></p> <p>¹ME CAD/CAM Student, Department of Mechanical Engineering, C. U. Shah College of Engineering and Technology, Surendranagar, Gujarat ²Professor and Head, Department of Mechanical Engineering, C. U. Shah College of Engineering and Technology, Surendranagar, Gujarat</p> <p><i>hayati.rupani@gmail.com ,pranav_darji@rediffmail.com</i></p>	259
54	<p>PRODUCT DESIGN IMPROVEMENT OF MATERIAL HANDLING CRATE: A REVIEW</p> <p><i>¹HAYATI V. RUPANI, ²PROF. P. H. DARJI</i></p> <p>¹M.E. CAD/CAM Student, Department of Mechanical Engineering, C. U. Shah College of Engineering and Technology, Surendranagar, Gujarat ²Professor and Head, Department of Mechanical Engineering, C. U. Shah College of Engineering and Technology, Surendranagar, Gujarat</p> <p><i>hayati.rupani@gmail.com ,pranav_darji@rediffmail.com</i></p>	264
55	<p>IMPROVING THE PROCESS OF GENERATING BUSINESS INTELLIGENCE USING WEB USAGE MINING AND RESTRUCTURING OF WEBSITE</p> <p><i>¹ KAMLESH VAISHNAV, ² SANSKRUTI PATEL, ³ SWAMINARAYAN PRIYA R.</i></p> <p>¹Associate Professor, Department of Computer Science, ISTAR, Vallabh Vidyanagar ²Lecturer, Faculty of Computer Science & Applications, CHARUSAT, Changa ³ Head, Department of Computer Science, ISTAR, Vallabh Vidyanagar</p> <p><i>kamleshvaishnav@yahoo.com, sanskrutipatel.mca@charusat.ac.in, priya_swaminarayan@yahoo.co.in</i></p>	270
56	<p>M-COMMERCE MODELS FOR BILL PAYMENTS</p> <p><i>MR. S.C.MALAV , SHRI P.V.AMI</i></p> <p>BDKM BCA COLLEGE, PALANPUR-385001 ,BANASKANTHA</p> <p><i>malav555@yahoo.co.in,piya_313@yahoo.co.in</i></p>	275

57	<p>GENERATION OF PWM WITH HIGH FREQUENCY USING FPGA</p> <p><i>¹ TUSHAR M. PATIL, ² PROF.MRS.V. B. MALODE, ³ NILESH G. NIRMAL</i></p> <p>¹Lecturer, G.H.Raisoni Institute of Engg. & Management., Jalgaon-425002, India ²Assist. Prof. Jawaharlal Nehru Engg. College. Aurangabad , India ³Lecturer, S.S.G.B. College of Engg. & Tech. Bhusawal, Jalgaon-425201, India</p> <p><i>tusharpatil1475@yahoo.com, vandana_malode@yahoo.co.in, ng_nirmal@rediffmail.com</i></p>	278
58	<p>BOW –TIE MICROSTRIP ANTENNA FOR WIMAX APPLICATION</p> <p><i>¹NISHA S. SINGH²PROF: R.P. LABADE</i></p> <p>¹Lecturer, G.H.Raisoni Institute of Engg. & Management., Jalgaon-425002, India ²HOD,Amrutvahini College Of Engineering, Sangamner, Dist: Ahmednagar: 422608</p> <p><i>nisha_7288singh@rediffmail.com , rplabade@gmail.com</i></p>	281
59	<p>TECHNICAL UNIVERSITY: SHIFTING FROM THE WRONG BUILDING TO THE RIGHT PHILOSOPHY</p> <p><i>DR. P H WAGHODEKAR,</i></p> <p>Adviser (HR), IBS, Marathwada Institute of Technical, Aurangabad: 431028</p> <p><i>waghodekar@rediffmail.com</i></p>	285
60	<p>STUDY OF INFLUENCE OF PARAMETERS IN WIRE-EDM AND DEVELOPMENT OF SOFTWARE FOR CUTTING SPEED OPTIMIZATION</p> <p><i>MR. A. N. RATHOUR, PROF. P. H. DARJI</i></p> <p>C. U. Shah College of Engg. & Tech. Wadhwanacity-363030 Gujarat INDIA</p> <p><i>anil_mech1309@yahoo.co.in</i></p>	294
61	<p>COMPARATIVE EVALUATION OF MANUAL METAL ARC WELDING AND MAG-CO₂ WELDING ON BASE OF HARDNESS PROPERTIES AND ITS WELD QUALITY FOR CARBON STEEL ALLOY”</p> <p><i>¹ YUVRAJSINH RAOL., ²DHAVAL M. PATEL., ³PRANAV H. DARJI</i></p> <p>¹ Lecturer, L.C.I.T. Bhandu , Gujarat ²Assistant Professor Mechatronic Department, U.V.P.C.E., Kherva, Mehsana, Gujarat, India ³Professor and Head Dept. of Mech. Engg. C. U. Shah college of engineering and Tech.,Surenrdanagar Gujarat, India</p> <p><i>yuv_anju@yahoo.com, dhaval05@gmail.com, pranav_darji@rediffmail.com</i></p>	299

62	<p>PARAMETRIC EVALUATION OF ABRASIVE WATER JET MACHINING ON GLASS MATERIAL”</p> <p><i>¹ B.N.PARMAR , ² DHAVAL M. PATEL , ³ ANKIT HANSALIYA</i></p> <p>^{1*} Lecturer, Govt. Engineering College, Bharuch, Gujarat ² Assistant Professor Mechatronic Department, U.V.P.C.E., Kherva, Mehsana, Gujarat, India ³ Ankit Hansaliya, Director of Ainnovative international ltd, Ahemedabad, Gujarat, India</p> <p><i>bhupendra_711@rediffmail.com, dhaval05@gmail.com, ankit@agroup.in</i></p>	303
63	<p>DISINFECTION STUDIES ON ORANGE CITY SWIMMING POOLS</p> <p><i>¹ LANJEWAR PRASHANT, ² DR. PARBAT D. K., ³ DR. KOSANKAR P.T</i></p> <p>¹ Smt. Radhikatai Pandav College of Engineering, Nagpur, India ² Govt. Polytechnic, Sadar Nagpur, India ³ Yashwantrao Chavhan College of Engineering, Nagpur, India</p> <p><i>pslanjewar@yahoo.com, dkparbat@indiatimes.com, tukasud@rediffmail.com</i></p>	306
64	<p>PERFORMANCE EVALUATION OF VARIOUS CORROSION INHIBITION METHODS ON REBARS EMBEDDED IN CONCRETE</p> <p><i>¹ A.S.RADKE, ² DR. P. B. ULLAGADDI</i></p> <p>¹ Research scholar, Department of Civil and Water Management Engineering, S.G.G.S. Institute of Engineering & Technology, Nanded, M.S. INDIA ² Research Guide & Professor, Department of Civil and Water Management Engineering, S.G.G.S. Institute of Engineering & Technology, Nanded, M.S. INDIA</p> <p><i>ajayradke_2007@yahoo.co.in, pbullagaddi@sggs.ac.in</i></p>	310
65	<p>AGRICULTURE CROP PRODUCTION MINING USING TIME SERIES ANALYSIS</p> <p><i>¹ KAVITA BHOSLE, ² MADHU JAISWAL</i></p> <p>^{1, 2} Computer Science and Engineering Department, Marathwada Institute of Technology, Aurangabad, Maharashtra, India</p> <p><i>kvbce@gmail.com, jaiswalmadhu4@gmail.com</i></p>	315
66	<p>AN ENERGY EFFICIENT MAC PROTOCOL FOR WIRELESS SENSOR NETWORKS</p> <p><i>¹ M S R SEKHAR, ² DR. K. RAVINDRA, ¹ DR. M.SAILAJA³</i></p> <p>¹ Associate Professor, ECE Department, Aditya Engineering College, Surampalem, EGDt, AP, ² Principal, Malla Reddy Institute of Technology & Science, Secunderabad, India ³ Associate professor and Head, ECE, University College of Engineering, JNTUK, Kakinada, AP,</p> <p><i>sekharmr_sai@yahoo.com, kasa_ravi@yahoo.com, s.maruvada@rediffmail.com</i></p>	318

67	<p>INVESTIGATION ON EVALUATION OF RCPC/RCPT CHANNEL CODED DS-CDMA SYSTEMS OVER AWGN AND RAYLEIGH CHANNELS AS A CASE STUDY OF CELLULAR TELEPHONY</p> <p><i>¹DR.N.S.MURTHY SHARMA, ¹B.NAGESHWAR RAO, ²V.DHANA RAJ</i></p> <p>¹SV Institute of Engineering and Technology (SVIET), Eathbarpally, R.R Dist-501 504(A.P), ²Dept of ECE, Bonam Venakata Chalamayya Engg.college, Odalarevu, Amalapuram-533210.</p> <p><i>nms2010@ieee.org, nagesh.south@gmail.com, dravlluri777@hotmail.com.</i></p>	323
68	<p>NUMBER OF LEVEL CROSSINGS OF A RANDOM TRIGONOMETRIC POLYNOMIAL</p> <p><i>¹P.K.MISHRA, ²A. MANASINGH, ³B.SAHU, ⁴S.K.SAHU</i></p> <p>¹Reader in Mathematics, CET, BPUT, BBSR, ODISHA INDIA ²Lecturer in Mathematics, MITM, BPUT, BBSR, ODISHA, INDIA ³Lecturer in Mathematics, TITE, BPUT, BBSR, ODISHA, INDIA ⁴Lecturer in Mathematics, AUL COLLEGE, AUL ODISHA ,INDIA</p> <p><i>mishrapkdr@gmail.com, amanasinghmit08@gmail.com, sahu.banambar@gmail.com, sksahuaul09@gmail.com</i></p>	328
69	<p>ACCESS CONTROL MECHANISMS FOR SEMANTIC WEB SERVICES - A DISCUSSION ON REQUIREMENTS AND FUTURE DIRECTIONS</p> <p>MANDEEP KAUR GONDARA</p> <p>Ph. D Student, Computer Science Department, University of Pune, Pune</p> <p><i>u08401@cs.unipune.ac.in</i></p>	338
70	<p>DYNAMIC APPROACH FOR UPGRADING PERFORMANCE OF MOBILE AD HOC NETWORKS</p> <p><i>¹PROF.H K SAWANT, ²MS. SHEETAL THORAT</i></p> <p>¹Professor IT Department, BVUCOE, Pune ²Resurch Student, IT Department, BVUCOE, Pune</p> <p><i>hemant1960@gmail.com</i></p>	343
71	<p>EVALUATION OF DETACHED RULE SCHEDULING IN ACTIVE DATABASE SYSTEM</p> <p><i>¹PROF H.R.VYAWAHARE, ²PROF S.R.GUPTA</i></p> <p>¹Lecturer , Sipna's College of Engg & Tech., Amravati ²Lecturer , PRMIT&R, Badnera, Amravati</p> <p><i>harsha_vyawahare@rediffmail.com , srg_99@rediffmail.com</i></p>	346

72	<p>A SURVEY AND COMPARISON OF DIFFERENT PEER-TO-PEER LOCATION ALGORITHMS</p> <p><i>¹KAUSHIK H.RAVIYA, ² PROF.P.M.JADAV, ³ PROF. C. K. BHENSDADIA</i></p> <p>¹M Tech (Computer Engineering) Student, Dept. of Computer Engineering/ Dharmsinh Desai University /Nadiad City/Nadiad/Gujarat/India. ²Associate Professor Dept. of Computer Engineering/ Dharmsinh Desai University /Nadiad City/Nadiad/Gujarat/India. ³Professor & Head, Dept. of Computer Engineering, Faculty of Technology / Dharmsinh Desai University /Nadiad City/Nadiad/Gujarat/India.</p> <p><i>k.raviya@yahoo.com, pm_jadav@yahoo.com, ckbhensdadia@yahoo.co.in</i></p>	350
73	<p>PERFORMANCE ENHANCEMENT OF OFDM SYSTEM WITH ICI MITIGATION SCHEME : REVIEW PAPER</p> <p><i>¹NANUBHAI.B.NADODA, ² DR.G.R.KULKARNI</i></p> <p>¹M.E. (EC) Student, Dept. of Electronics & Communication Engineering/C.U.Shah College of Engineering and Technology/Wadhwan City/Surendranagar/Gujarat/India. ²Principal/C.U.Shah College of Engineering and Technology/Wadhwan City/Surendranagar/Gujarat/India.</p> <p><i>nbnadoda@yahoo.co.in, grkulkarni29264@rediffmail.com</i></p>	355
74	<p>PEER-TO-PEER APPROACH FOR LIVE MULTIMEDIA STREAMING IN MOBILE ENVIRONMENT OVER J2ME PLATFORM</p> <p><i>¹M.D. PATEL, ²DR. K. H. WANDRA</i></p> <p>¹M.E. (E.C.) Student, Dept. of Electronics & Communication Engineering C.U.Shah College of Engineering and Technology Wadhwan City-363030,Gujarat,India. ²Head of CE/IT, C. U. Shah College of Engg. & Tech., Wadhwan. Wadhwan City-363030,Gujarat,India.</p> <p><i>p_manish_ssec@yahoo.com ,khwandra@rediffmail.com</i></p>	358
75	<p>PERFORMANCE EVALUATION OF DIFFERENT TECHNIQUES USED FOR RESTORATION OF MAGNETIC RESONANCE IMAGES</p> <p><i>¹ NAYAN R. PATEL , ² PROF. H.H. WANDRA, ³ JIGAR D. SHAH</i></p> <p>¹Department of E.C. Engineering, C.C.E.T., Gujarat, India ³Department of E.C. Engineering, C.C.E.T., Gujarat, India ⁴Department of Electrical Engineering ,VJTI, Mumbai, India</p> <p><i>nayan_patel264@yahoo.com, hhwandra@gmail.com, welcomebyjigarshah@gmail.com</i></p>	361

76	<p>DISPARITY MAP FOR STEREO IMAGES BASED ON SEGMENTATION-A REVIEW</p> <p><i>¹KAPIL S. RAVIYA, ²VIRAL. H.BORISAGAR, ³DR. G. R.KULKARNI</i></p> <p>¹M.E. (E.C.) Student, Dept. of Electronics & Communication Engineering/C.U.Shah College of Engineering and Technology/Wadhwan City/Gujarat/India. ²Lecturer/L.D.R.P. Institute of Technology and Research/Gandhinagar/Gujarat/India. ³Principal/C.U.Shah College of Engineering and Technology/Wadhwan City/Gujarat/India.</p> <p><i>raviyakapil@yahoo.co.in, viralborisagar@yahoo.com</i></p>	365
77	<p>SPUR REDUCTION TECHNIQUES IN FRACTIONAL-N FREQUENCY SYNTHESIS USING PHASE LOCKED LOOP</p> <p><i>¹MR. BHARAT H NAGPARA, ²PROF R. S. GAJRE</i></p> <p>¹PG Student, Dept. of Electronics & Communication Engineering/C.U.Shah College of Engineering and Technology/Wadhwan City/Gujarat/India. ²Professor/Dept. of Electronics & Communication Engineering/ C.U.Shah College of Engineering and Technology/ Wadhwan City/Gujarat/India.</p> <p><i>bharatnagpara81@gmail.com, rakeshgajare@gmail.com</i></p>	371
78	<p>FUSED DEPOSITION MODELING AND MATERIAL PROPERTIES CHARACTERIZATION IN RAPID PROTOTYPING</p> <p><i>¹RUPAL J. TANK, ²PROF. K. K. DAVE</i></p> <p>¹M.E. CAD/CAM Student, Dept of Mech Engg, C. U. Shah College of Engg and Tech, Surendranagar, Gujarat ²Professor, Department of Mechanical Engineering, C. U. Shah College of Engineering and Technology, Surendranagar, Gujarat</p> <p><i>rupalsweet2000@yahoo.com ,kkd_goldenglad@yahoo.com</i></p>	376
79	<p>BRAND CHOICE & BRAND LOYALTY OF COLLEGE STUDENTS IN RESPECT OF SELECTED FMCGs AND DURABLES – A STUDY IN ERODE DISTRICT</p> <p><i>Ms. T. N. R. KAVITHA</i></p> <p>Assistant Professor, Department of Management Studies, Erode Sengunthar Engineering College, Thudupathi, Erode – 638057</p> <p><i>tnrkavitha@rediffmail.com</i></p>	383
80	<p>FORECASTING THE TREND OF GRIEVANCES FILED TO E-PORTAL USING TEXT AND DATA MINING TECHNIQUES</p> <p><i>¹DR. N.GEETHANJALI, ²M.SURESH BABU, ³PROF B.SATYANARAYANA</i></p> <p>¹Associate Professor, Department of Computer Science, S.K. University, Anantapur. India, ²Principal, Intel Institute of Science, Anantapur, Andhra Pradesh , India. ³ Professor / Chairman, Board of Studies, Department of Computer Science & Technology, S.K. Univeristy, Anantapur, India</p> <p><i>anjali_csd@yahoo.com, principaliis@rediff.com, bachala_sathya@yahoo.com</i></p>	390

81	<p>CRAFTING THE WHOLE EMPLOYEE: THROUGH A NEW PARADIGM SKILL, HR PRACTICES AND MOTIVATION</p> <p>¹V.KAVITHA, ² DR. N.SHANMUGHAVELLAN,</p> <p>¹ Lecturer, Department of M.B.A., Erode Sengunthar Engineering College, Thudupathi- 638 057, Erode district, Tamilnadu ² Reader in management, Erode Arts College, Erode</p> <p><i>kavichida@yahoo.com , januvelan@gmail.com</i></p>	401
82	<p>MULTI-PROTOCOL LABEL SWITCHING (MPLS)</p> <p>¹ANUJA KHODASKAR, ²DR.S.A.LADHAKE</p> <p>¹Lecturer, Dr P.D Polytechnic, Amravati, Maharashtra, India. ²Principal, Sipnas' College of Engineering & Technology, Sipna Campus , Amravati university, Amravati, Maharashtra, India</p> <p><i>annujha_24@rediffmail.com, sladhake@yahoo.com</i></p>	407
83	<p>DESIGN ASPECTS AND ANALYSIS FOR HIGHER ORDER HARMONIC MITIGATION OF CONVERTER FEEDING A VECTOR CONTROLLED SWITCHED RELUCTANCE MOTOR DRIVES</p> <p>¹Mrs. M. RAMA SUBBAMMA , ²Mr .P. BALAJI CHAKRAVARTHY, ³Mr .M.L.DWARAKANATH, ⁴Dr.V.MADHUSUDHAN</p> <p>¹Assoc. Prof& H.O.D., Department of Electrical Engineering, SSITS, Rayachoty, AP, India-516270 ²Asst. Prof., Department of Electrical Engineering, SSITS, Rayachoty, A.P, India-516270 ³Asst. Prof., Department of Electrical Engineering, SSITS, Rayachoty, A.P, India-516270 ⁴ Prof., Department of Electrical Engineering, MEC, Secundrabad, A.P, India</p> <p><i>ramasekharslv@gmail.com , dnchakri.pbc@gmail.com, rama_sekhar4@yahoo.com , Saimadhu_sudhan@yahoo.co.in</i></p>	411
84	<p>PERFORMANCE EVALUTATION OF COMPOUND AND COMPOSITE MULTILAYER INSULATION (77K-300K)</p> <p>¹P.B. DESAI, ²PROF. J.M. PATEL</p> <p>¹P.G. Student, M.E. (Cryogenic), L.D. College of Engineering. ²APME, L.D. college of Engineering, Ahmedabad, Gujarat, India.</p> <p><i>desaipurvib@gmail.com, jmpatel2098@yahoo.co.in</i></p>	416
85	<p>A REVIEW ON STATISTICAL PROCESS CONTROL AS THE QUALITY IMPROVEMENT TECHNIQUE</p> <p>¹JIGNESH T. DAVE, ²PROF. K.R.GAWANDE</p> <p>¹M.E. CAD/CAM Student, Department of Mechanical Engineering, C. U. Shah College of Engineering and Technology, Wadhwan city, Gujarat ²Professor, Department of Mechanical Engineering, C. U. Shah College of Engineering and Technology, Wadhwan city, Gujarat,</p> <p><i>jtd23@rediffmail.com</i></p>	421

86	<p>ANALYSING CAPABILITY OF CNC MACHINE USING PROCESS CAPABILITY CONCEPT</p> <p><i>¹JIGNESH T. DAVE, ²PROF. K.R.GAWANDE</i></p> <p>¹M.E. CAD/CAM Student, Department of Mechanical Engineering, C. U. Shah College of Engineering and Technology, Wadhwan city, Gujarat ²Professor , Department of Mechanical Engineering, C. U. Shah College of Engineering and Technology, Wadhwan city, Gujarat</p> <p><i>jtd23@rediffmail.com</i></p>	425
87	<p>COMPARATIVE ANALYSIS BETWEEN WCDMA AND OFDM</p> <p><i>¹KUNAL M PATTANI, ²DR. K.H. WANDRA</i></p> <p>¹PG Student, Department of E&C, C. U. Shah College of Engineering and Technology, Wadhwan city, Gujarat ²Vice Principal, C. U. Shah College of Engineering and Technology, Wadhwan city, Gujarat</p> <p><i>kunalpattani@gmail.com , khwandra@rediffmail.com</i></p>	430
88	<p>MOBILE AD-HOC NETWORK (MANET) COMMUNICATION USING CRYPTOGRAPHY</p> <p><i>¹BHAVIN S. CHAUHAN, ²RAJESH H. DAVDA, ³MITTAL K. JOISER, ⁴CHIRAG R. PATEL</i></p> <p>¹Lecturer in C.U.SHAH COLLEGE OF MCA, Wadhwan city, Gujarat ²Lecturer in Dept. of C.E. ,C. U. Shah College of Engineering and Technology, Wadhwan city, Lecturer in Dept. of I.T, C. U. Shah College of Engineering and Technology, Wadhwan city, Lecturer in Dept. of C.E, C. U. Shah College of Engineering and Technology, Wadhwan city,</p> <p><i>bhavin.rajput@gmail.com, davdarajesh@gmail.com, joisermittal@gmail.com, chirag_pavasiya@yahoo.com</i></p>	436
89	<p>MOVING OBJECT SEGMENTATION TECHNIQUES: A SURVEY</p> <p><i>¹SHVETAL N. PANDYA, ²MEHUL C. PARIKH, ³PROF. H. H. WANDRA</i></p> <p>¹Post Graduate Student, Electronics & Communication Engineering/C.U.Shah College of Engineering and Technology/Wadhwan City/Surendranagar/Gujarat/India. ²Post Graduate Student, Computer Science & Engineering, Institute of Technology /Nirma University/Ahmedabad/Gujarat/India. ³Professor & Head, Electronics & Communication Dept. /C.U.Shah College of Engineering and Technology/Wadhwan City/Surendranagar/Gujarat/India.</p> <p><i>sn_pandya@yahoo.co.in, mehuleparikh@gmail.com, hhwandra@yahoo.com</i></p>	441
90	<p>A NEW SLIDING MODE CONTROL ALGORITHM</p> <p><i>¹DHRUMIL H. SHETH, ²MR.S.J.DAWADA, ³PROF. H. H. WANDRA</i></p> <p>¹M.E. (Electronics & Communication) Student, Dept. of Electronics & Communication/C.U.Shah College of Engineering and Technology/Wadhwan City/Surendranagar/Gujarat/India. ²Lecturer of Electronics & Communication /C.U.Shah College of Engineering and Technology/Wadhwan City/Surendranagar/Gujarat/India.</p>	447

	<p>³Professor, Dept. of Electronics & Communication /C.U.Shah College of Engineering and Technology/Wadhwan City/Surendranagar/Gujarat/India.</p> <p><i>dhrumil87@rediffmail.com, sandip_dawada@yahoo.co.in, hhwandra@yahoo.com</i></p>	
91	<p>A LITERATURE OVERVIEW ON EFFECT OF ELEVATED TEMPERATURE ON CONCRETE</p> <p>¹ ABHISHEK H. RAVAIYA, ² MRS.DEEPA.A.SINHA</p> <p>¹M.E. (Structure) Student, Dept. of Structural Engineering/Birla Vishvakarma Mahavidyalaya Engineering College/VallabhVidyaNagar City/ Anand/Gujarat/India. ²Sr.lecturer, Dept. of Structural Engineering/Birla Vishvakarma Mahavidyalaya Engineering College/VallabhVidyaNagar City/ Anand /Gujarat/India.</p> <p><i>abhishekravaiya@gmail.com, deepa_sinha_98@yahoo.co.in</i></p>	452
92	<p>THE HELIUM-COOLED LITHIUM LEAD BLANKET TEST PROPOSAL IN ITER</p> <p>¹ MR. C.L .BHUVA, ² PROF. K.K .DAVE</p> <p>^{1, 2} C. U. Shah College of Engg. & Tech. WadhwanCity-363030 Gujarat INDIA</p> <p><i>Clbhuva@gmail.com</i></p>	457
93	<p>INVESTIGATIONS ON THE PRODUCTION OF SILICON CARBIDE REFRACTORY MATERIAL TO APPLY AS FACE LINING OF TORPEDO TYPE LADLE</p> <p>¹ RUGADA VAIKUNTA RAO, ² N V S RAJU, ³ A ARJUNA RAO</p> <p>¹ Professor, Dept. of Mechanical Engineering Miracle Educational Society Group of Institutions Bhogapuram, VIZIANAGARAM – 535 216, ANDHRA PRADESH, INDIA. ² Associate Professor, Dept. of Mechanical Engineering JNTU College of Engineering, Jagtial, KARIMNAGAR, ANDHRA PRADESH, INDIA. ³ Principal & Professor in Dept. of Mechanical Engineering Miracle Educational Society Group of Institutions Bhogapuram, VIZIANAGARAM – 535 216,ANDHRA PRADESH, INDIA.</p> <p><i>vrugada@gmail.com, enviousraju@rediffmail.com, aarao27@gmail.com</i></p>	461
94	<p>ROLE OF GML TECHNOLOGY IN AN INTERNET GIS APPLICATIONS</p> <p>¹ DR. NEERAJ BHARGAVA, ² DR. RITU BHARGAVA, ³ AJAY SINGH</p> <p>¹Associate Professor, Department of Computer Science, School of Engineering & System Sciences, MDS University, Ajmer 305001, India ²Department of MCA, Mahila Govt. Engineering College, Ajmer, 305001, India ³Associate Professor, Department of Computer Science, TJS College, Kota, India</p> <p><i>drneerajbhargava@yahoo.co.in , drritubhargava@yahoo.com, ajay@tjsgroup.org</i></p>	464

95	<p>REAL-TIME PRESSURE MEASUREMENT SYSTEM WITH PROGRAMMABLE SYSTEM ON CHIP</p> <p>¹ <i>DIPAK M. PATEL</i>, ² <i>BHARGAV C. GORADIYA</i></p> <p>¹ Associate professor, BVM Engg. College, Vallabh Vidyanagar, Gujarat ² Associate professor, BVM Engg. College, Vallabh Vidyanagar, Gujarat</p> <p><i>dmp_bvm@yahoo.co.in, bhargav.goradiya@bvmengineering.ac.in</i></p>	468
96	<p>SECURITY OF NETWORK DATA BY USING EMBEDDING COVERT CHANNEL INTO TCP/IP HEADERS</p> <p>¹ <i>PROF. D. M. DAKHANE</i>, ² <i>MISS. SEEMA B. RATHOD</i></p> <p>¹ CMPS and IT Dept,SG,B. Amravati University , Sipna's COET, Amravati (MHST),India. ² Final year M.E. IT CMPS and IT Dept,SG,B. Amravati University , Sipna's COET,Amravati</p> <p><i>ddakhane@gmail.com, seemarathod47@rediffmail.com</i></p>	471
97	<p>REMOVAL OF BANDS IMPROVES THE CLASSIFICATION PERFORMANCE FROM THE HYPERSPECTRAL IMAGES</p> <p>¹ <i>K. JAYA BHARATHI</i>, ² <i>P. PREM CHAND</i>, ³ <i>G.RAVINDRA BABU</i>, ⁴ <i>S. K. MOHAN RAO</i></p> <p>¹ Department of Computer Science and Engineering, ACE Engg College, Ghatkesar, Hyderabad, ² Department of Computer Science and Engineering, Osmania University, Hyderabad, India. ³ Department Of Computer Science and Engineering, Sri Chaitanya collage of Engineering and Technology, Ibrahimpatnam, Hyderabad, India. ⁴ Department Of Computer Science and Engineering, Siddhardha College of Engineering and Technology, Ibrahimpatnam, Hyderabad, India.</p> <p><i>kk_jbs@yahoo.com</i></p>	476
98	<p>DESIGN OF ROBUST FACE RECOGNITION BASED ON PRINCIPLE COMPONENT ANALYSIS USING EIGENFACES METHOD</p> <p>¹ <i>PARMAR YAGNESH J.</i>,</p> <p>¹ Department of Electronics & Communication Engineering, C.U Shah College of engineering & Technology, Gujarat Technological University, Wadhwan city, surendranagar-363 030, Gujarat, India.</p> <p><i>yagu_ecengineer@yahoo.com</i></p>	480
99	<p>DIGITAL WATERMARKING USING FREQUENCY DOMAIN FOR COPYRIGHT PROTECTION: A REVIEW</p> <p>¹ <i>DHARA D. SHAH</i>, ² <i>PROF. A. C. SUTHAR</i></p> <p>¹ ME EC Student, Department of Electronics and Communication Engineering, C. U. Shah College of Engineering and Technology, Surendranagar, Gujarat ² Assistant Professor , Department of Electronics and Communication Engineering, C. U. Shah College of Engineering and Technology, Surendranagar, Gujarat</p> <p><i>dhara7755@gmail.com, acsuthar@ieee.org</i></p>	485

100	<p>ON-LINE MONITORING SYSTEM ANN BASED FAULT DETECTION OF DISSOLVED GAS IN TRANSFORMER OIL</p> <p><i>¹ DR. VANDANA A. KULKARNI, ² ATUL A. BARHATE, ³ AJIT P. CHAUDHARI</i></p> <p>¹ Professor, Government College of Engineering, Jalgaon, INDIA ² Godavari college of Engineering, Jalgaon, INDIA ³ Shree Sant Gadgebaba College of Engineering, Bhusawal, INDIA</p> <p><i>kul111@rediffmail.com ,atbarhate@yahoo.co.in, ajitpc73@gmail.com</i></p>	489
101	<p>STILL IMAGE COMPRESSION BASED ON QUADTREE DECOMPOSITION</p> <p><i>¹ ARPITA P. DODIYA, ² PROF. D. N. KHANDHAR</i></p> <p>¹ Me Ec Student, Department Of Electronics And Communication Engineering, C. U. Shah College Of Engineering And Technology, Surendranagar, Gujarat ² professor, Department Of Electronics And Communication Engineering, C. U. Shah College Of Engineering And Technology, Surendranagar, Gujarat</p> <p><i>a.dodiya@gmail.com, ddk_2008@yahoo.co.in</i></p>	493
102	<p>COMPARISON OF PIPELINED DATA ENCRYPTION STANDARED WITH SIMPLE DATA ENCRYPTION STANDARED</p> <p><i>¹ A. I. DARVADIYA , ² PROF. R. S. GAJRE</i></p> <p>¹ ME EC Student, Dept. Of EC, C. U. Shah College Of Engg. & Tech., Wadhwan, Gujarat ² Assistant Professor , Dept. Of EC, C. U. Shah College Of Engg. & Tech., Wadhwan, Gujarat</p> <p><i>alto.ec@gmail.com , rakeshgajre@gmail.com</i></p>	497
103	<p>PERFORMANCE ANALYSIS OF WIMAX PHYSICAL LAYER OVER AN AWGN AND FADING CHANNELS</p> <p><i>¹ NISARG G. DOSHI, ² SANDIP J. DAWDA</i></p> <p>¹ PG Student, Department of Electronics & Communication Engineering, ² Lecturer, Department of Electronics & Communication, C. U. Shah College of engineering & Technology, Gujarat Technological University, Wadhwan city, surendranagar-363 030, Gujarat, India.</p> <p><i>doshinisarg@gmail.com</i></p>	500
104	<p>SYNTHESIS OF ALUMINIUM BASED NANO COMPOSITE FOR BETTER WEAR PROPERTIES</p> <p><i>¹ CH. RATNAM, ¹ B. AVINASH BEN , ² B. SATISH BEN</i></p> <p>¹ Department of Mechanical Engineering, Andhra University, Visakhapatnam, India. ² Department of Mechanical Engineering, GITAM University, Visakhapatnam, India.</p> <p><i>nitcben@gmail.com</i></p>	504