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42	INFORMATION RETRIEVAL FROM RELATIONAL DATABASES USING FLEXIBLE QUERIES : AN INNOVATIVE APPROACH <i>¹MRS. NEELU NIHALANI, ²DR. SANJAY SILAKARI, ³DR. MAHESH MOTWANI</i> ¹ Reader, Computer Applications, UIT RGPV, Bhopal, MP- 462036 India. ² Professor & Head, Dept. of CSE, UIT RGPV, Bhopal ,MP-462036 ,India. ³ Reader, Dept. of Computer CSE, Jabalpur Engineering College, Jabalpur, MP, India. <i>¹neelurgpv@yahoo.co.in, ²ssilakari@yahoo.com, ³mahesh_9@hotmail.com</i>	236- 241
43	A NOVEL APPROACH TO DESIGN AN OBJECT-ORIENTED DATABASE FOR EFFECTIVE CLASSIFICATION <i>¹AJITA SATHEESH, ²DR. RAVINDRA PATEL</i> ^{1,2} UIT, RGPV, Bhopal-462036, MP,India <i>¹ajitargpv@yahoo.co.in, ²ravindra@rgtu.net</i>	242- 249
44	ENHANCING SECURITY OF DATA AND NETWORK OF WORKING SCADA <i>¹VINAY KAUL, ²DR. PRIYANKA SHARMA, ³SHIVANI SHARMA</i> ¹ Senior Instrumentation Engineer, Gujarat State Petronet Ltd, Baroda ² Assistant Professor in MCA, Institute of Science and Technology for Advanced Studies and Research (ISTAR), Vallabh Vidya Nagar , Gujarat. India. ³ Design Engineer (Electrical Dept), Reliance Engg Associated (P) Ltd., Jamnagar <i>¹Viny.kaul@gmail.com, ²pspriyanka@yahoo.com, ³shivaniipsharma@yahoo.co.in</i>	250- 254

45	THREATS IN ADHOC NETWORKS ¹ TANVIR AHMAD ABBASI, ² Dr.R.P.MAHAPATRA, ³ SHABBIR AHMED, ⁴ MOHAMMAD SUHAIB ABBASI ² Head, Deptt. Of Computer Science and Engineering, S.R.M. University, NCR Campus, Modi Nagar, GHAZIABAD-UP ^{1,3} University Polytechnic, Faculty of Engineering and Technology Jamia Millia Islamia, New Delhi-110025 ⁴ Sr.Lecturer Deptt. Of Computer Science and Engineering, S.R.M. University, NCR Campus, Modi Nagar, GHAZIABAD-UP ¹ tanvirabbasi@yahoo.com, ² mahapatra.rp@gmail.com, ³ shabbir.jmi@gmail.com, ⁴ msuhaib@gmail.com	255- 258
46	INFLUENCE OF CHEMICAL REACTION AND DOUBLE DISPERSION ON HEAT AND MASS TRANSFER IN NON-DARCY FREE CONVECTIVE FLOW OVER A VERTICAL SURFACE ¹ DR.A.S.N.MURTI ² P.K.KAMESWARAN ¹ PROFESSOR, DEPT OF ENGINEERING MATHEMATICS, A.U.COLLEGE OF ENGINEERING, VISAKHAPATNAM, INDIA ² RESEARCH SCHOLAR, DEPT OF ENGINEERING MATHEMATICS, A.U.COLLEGE OF ENGINEERING, VISAKHAPATNAM, INDIA ¹ asn2005@rediffmail.com, ² k_kameswaran@yahoo.com	259- 265
47	HIDDEN RELATION FINDER ¹ MR. KALE YOGESH S, ² PROF: PRAKASH R. DEVALE, ³ MR. SACHIN WAKURDEKAR ¹ Lecturer, Department of Computer Engineering, Bharati Vidyapeeth University, Pune-43, Maharashtra, India. ² Professor & H.O.D, Department of Information Technology, Bharati Vidyapeeth University, Pune-43, Maharashtra, India. ³ Lecturer, Department of Computer Engineering, Bharati Vidyapeeth University, Pune-43, Maharashtra, India. ¹ yskale@bvucoep.edu.in, ² prdevale@bvucoep.edu.in, ³ sbwakurdekar@bvucoep.edu.in	266- 269
48	IMAGE PROCESSING ALGORITHMS FOR SYNTHETIC APERTURE STRIPMAP SYSTEM MODEL ¹ R.SATHISHKUMAR, ² A.VIMALAJULIET ^{1,2} School of Electrical and Electronics, Faculty of Engineering and Technology, SRM University, India ¹ vrsathishkumar07@gmail.com, ² vimalala@yahoo.com	270- 274

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50	<p>COMPARATIVE ANALYSIS OF MOBILITY MODELS IN WIRELESS NETWORKS</p> <p><i>¹W.REGIS ANNE ²K.PRADEEPA</i></p> <p>¹ Lecturer, Sri Krishna College Of Engg. & Tech., Coimbatore-641008, India ² Lecturer, Sri Krishna College Of Engg. & Tech., Coimbatore-641008, India</p> <p><i>¹anneratheesh@gmail.com, ²pradeepa_mk@yahoo.co.in</i></p>	282-286
51	<p>PUBLIC KEY INFRASTRUCTURES (PKI) FOR E-COMMERCE SECURITY</p> <p><i>¹ PRASHANT P. PITTALIA, ² DR. DEVARSHI S. MEHTA, ³ DR. V.R.RATHOD</i></p> <p>¹ Assistant Professor –MCA, Shri Jairambhai Patel Institute of Business Management & Computer Applications, Gujarat University, Gandhinagar-382007, Gujarat, India ² Assistant Professor –MCA, Shri Jairambhai Patel Institute of Business Management & Computer Applications, Gujarat University, Gandhinagar-382007, Gujarat, India ³ Dean, Faculty of Computer Application, Marwadi Education Foundation’s Group of Institutions, Rajkot-360001, Gujarat Technical University, Gujarat, India</p> <p><i>¹prashantppittalia@yahoo.com, ²devarshi_r@yahoo.com, ³profvrr@rediffmail.com</i></p>	287-290
52	<p>F/OSS PROJECTS: A BRIDGE BETWEEN THE INDUSTRY AND THE ACADEMIA</p> <p><i>R. K. PANDEY</i></p> <p>University Institute of Computer Science and Applications (UICSA) R. D. University, Jabalpur (M.P.), INDIA</p> <p><i>rkpandey18@rediffmail.com</i></p>	291-298
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55	<p>A NOVEL APPROACH OF EXPLORING BIOINFORMATICS BY MEANS OF CLOUD COMPUTING</p> <p><i>¹DR. DEVARSHI S. MEHTA, ²MR. PRASHANT P. PITTALIA, ³DR. V.R.RATHOD</i></p> <p>¹ Assistant Professor –MCA, Shri Jairambhai Patel Institute of Business Management & Computer Applications, Gandhinagar ² Assistant Professor –MCA, Shri Jairambhai Patel Institute of Business Management & Computer Applications, Gandhinagar ³ Dean, Faculty of Computer Application, Marwadi Education Foundation’s Group of Institutions, Rajkot</p> <p><i>¹devarshi_r@yahoo.com, ²prashantppittalia@yahoo.com, ³profvrr@rediffmail.com</i></p>	310-313
56	<p>IMPLEMENTATION OF FAST MULTIPLIER USING VERILOG ON FPGA</p> <p><i>¹L.BASAVARAJ, ²R.D SUDHAKER SAMUEL</i></p> <p>¹ Research Scholar, SJCE, JSS Research Foundation, Mysore, Karnataka, India ² Department of Electronics, S.J.college of Engineering, Mysore, India</p> <p><i>¹basavaraj.vvce@gmail.com, ²sudhakersamuel@yahoo.com</i></p>	314-320
57	<p>IMPROVED TEXT CATEGORIZATION USING ASSOCIATION RULES</p> <p><i>¹ V.SRIVIDHYA , ² DR.R.ANITHA</i></p> <p>¹ Lecturer, Avinashilingam University for Women, coimbatore-43 ² Director, Department of M.C.A, K.S.R.College of Technology, Tiruchengode</p> <p><i>¹vidhyavas@gmail.com, ²aniraniraj@rediffmail.com</i></p>	321-324
58	<p>AN EFFECTIVE IMPULSE NOISE REMOVAL ALGORITHM FOR HIGHLY CORRUPTED IMAGES</p> <p><i>¹K. JOSEPH MATHEW, ²K .RAJESH KUMAR</i></p> <p>¹ Asst. Professor, Dept. of Electrical and Electronics Engg., PSG College of Technology, Coimbatore-641004, India ² PG student, Dept. of Electrical and Electronics Engg., PSG College of Technology, Coimbatore-641004, India</p> <p><i>¹kjm@eee.psgtech.ac.in, ²k1985_rajesh@yahoo.co.in</i></p>	325-332

59	<p>MULTIPLE METHODS FOR PERSONALITY PREDICTION THROUGH LETTER 'Y'</p> <p>¹CHAMPA H N, ²K R ANANDAKUMAR</p> <p>¹ Asst.Professor, Department of CS & E, University Visveswaraya College of Engineering, Bangalore-560 001 KARNATAKA, INDIA ² Professor & Head, Department of CS & E, SJB Institute of Technology, Uttarahalli Road, Kengeri, Bangalore –560 060 KARNATAKA, INDIA</p> <p>¹champahn @ yahoo.co.in, ²kra_megha_tn@hotmail.com</p>	333-337
60	<p>ATM NETWORK, MULTIMEDIA APPLICATIONS IN VIRTUAL UNIVERSITY</p> <p>¹DR. NEERAJ BHARGAVA, ²RITU BHARGAVA, ³JOYTI JAIN, ⁴AJAY SINGH GAUR</p> <p>¹ Associate Professor, School of Engineering and Systems Sciences, Department of Computer Science, MDS University, Ajmer India. ² Lecturer, Department of Computer Science, Sophia Girls College, Ajmer India. ³ Department of Computer Science, MDS University, Ajmer India ⁴ Director, TJS College Kota India.</p> <p>¹drneeraajbhargava@yahoo.co.in, ²ritubhargava_sophia@yahoo.co.in, ⁴ajay@jainir.com</p>	338-342
61	<p>CONSTRAINED EVOLUTIONARY OPERATIONS FOR AN IMPROVEMENT OF A LASER WELDING PROCESS</p> <p>¹PONGCHANUN LUANGPAIBOON</p> <p>¹ Associate Professor, Industrial Statistics and Operational Research Unit (ISO-RU), Department of Industrial Engineering, Faculty of Engineering, Thammasat University, Pathumthani, 12120, THAILAND</p> <p>¹lpongch@engr.tu.ac.th</p>	343-349
62	<p>SIMULATION OF COLD PRESS FITTING OF RAILWAY WHEEL-SET BY USING PRO-E AND ANSYS</p> <p>¹NITESH P. YELVE, ²ANIL NAIK, ³SHRADDHA RAMANE, ⁴PRITHVIRAJ DAGA, ⁵INDERJIT JOHAL</p> <p>¹ Assistant Professor, Fr. C R. Institute of Technology, Vashi, Navi , Mumbai, ^{3,4,5} Students, Department of Mechanical Engineering, Fr. C Rodrigues Institute of Technology, Vashi, Navi Mumbai, ² Senior Section Engineer², Central Railway Workshop, Matunga, Mumbai, India</p> <p>¹niteshpy@yahoo.co.in, ³shaddu_s16@yahoo.co.in</p>	350-353
63	<p>IMPROVED ALGORITHM FOR GLOBAL ALIGNMENT IN DNA SEQUENCING</p> <p>¹V. ANITHA, ²B.POORNA</p> <p>¹ Sr.Lecturer, Panimalar Engineering College, Chennai, India ² Professor, Easwari Engineering College, Chennai, India</p> <p>¹anithamoses_06@hotmail.com, ²poornasundar@yahoo.com</p>	354-358

64	<p>INCREASING ROBUSTNESS AND SECURITY OF LSB AUDIO WATERMARKING USING STEREO FILE, RANDOM BIT POSITIONING AND BIT ENCODING</p> <p>¹MS. JAWALE MADHURI A., ²DR. SUHAS H. PATIL , ³MR. MAHESH TALPADE</p> <p>¹jawale.madhu@gmail.com, ²shpatil@bvucoep.edu.in , ³mahesh.talpade@gmail.com</p>	359-362
65	<p>ELECTRONIC CUSTOMER RELATIONSHIP MANAGEMENT (E-CRM) USING ADAPTIVE NEURO FUZZY APPROACH</p> <p>¹D.G.HARKUT, ²DR.S.B.SADAR</p> <p>¹ Lecturer, Prof Ram Meghe College of Engineering and Management, BADNERA-AMRAVATI. M.S. India 444607</p> <p>² Reader, Dept. of Business Administration & Management, S.G.B A. University, AMRAVATI. M.S. India 444602</p> <p>¹d_harkut@rediffmail.com, ²sadar123@rediffmail.com</p>	363-369
66	<p>USER INTERFACE DESIGN ON WORLD WIDE WEB : EXTERNAL FACTOR</p> <p>¹ANSHU SRIVASTAVA, ²S.Q.ABBAS, ³DEVESH KATIAR</p> <p>¹ Research Scholar, U.P.R.T.O.U.</p> <p>² Professor & Director, Ambalika Institute Of Management & Technology, Lucknow</p> <p>³ Research Scholar, U.P.R.T.O.U.</p> <p>¹anshu_grat@yahoo.co.in, ²grat_abbas@yahoo.com, ³katiyardevesh@gmail.com</p>	370-373
67	<p>FUZZY EXPERT SYSTEM APPLICATION TO UNDER VOLTAGE LOAD SHEDDING</p> <p>¹M.RATHINA KUMAR, ²S.HARI KRISHNAN , ³PROF .MRS.DRR.SUGANESH</p> <p>¹ SG.Lecturer, SCSVMV University, Enathur, Kanchipuram, India.</p> <p>² Asst.Prof, K.L.N.college of information and Technology, Madurai, India.</p> <p>³ Professor, Thiagarajar College of Engineering, Madurai, India.</p> <p>¹rathinamari@rediffmail.com, ²Sree_krishnan2007@yahoo.co.in, ³drsuganesh@gmail.com</p>	374-379
68	<p>ROUTING IN WDM OPTICAL NETWORKS</p> <p>¹ K. APARNA, ²DR. S.VENKATACHALAM, ³DR. G.R.BABU</p> <p>¹ Sr. Asst .Professor, CVR College of Engineering, Hyderabad,</p> <p>² ACE Engineering College, Hyderabad</p> <p>³Swamy Vivekananda college of Engineering, Hyderabad</p> <p>aparna.kukunuri@yahoo.com, sv_chalam2003@yahoo.com</p>	380-383
69	<p>SOLVING DYNAMIC TRAVELING SALESMAN PROBLEM USING ACO</p> <p>¹NITESH SUREJA, ²ARCHANA DESAI</p> <p>^{1,2} Department of Computer Engineering, G H Patel College of Engineering and Technology, Vallabh Vidyanagar, India</p> <p>niteshsureja@gcet.ac.in, archanadesai@gcet.ac.in</p>	384-387

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71	<p>IMPACT OF VIRTUAL REALITY IN E-EDUCATION</p> <p>¹ MONAL J. PATEL , ² HITESH R. RAVAL</p> <p>^{1,2} Lecturer, NSVKMS MCA College, Visnagar-384315</p> <p><i>monal6_1983@yahoo.com, Hitesh.raval@yahoo.com</i></p>	392-394
72	<p>AGENT BASED ARCHITECTURE FOR SCALABLE GRID RESOURCE MANAGEMENT AND SCHEDULING</p> <p>¹ ADITYA B. PATEL, ² RAKESH S. BHATNAGAR, ³ VIPUL PRAJAPATI, ⁴ DR. J G PANDYA</p> <p>¹ Asst. Professor, AES Institute of Computer Studies, Ahmedabad University, H. L. College Campus, Navrangpura, Ahmedabad, Gujarat-380 009 ² Asst. Professor, S K Patel Institute of Management and Computer Studies (SKPIMCS), KSV University, Sector 23, Gandhinagar, Gujarat-382022 ³ Technical Head, S K Patel Institute of Management and Computer Studies (SKPIMCS), KSV University, Sector 23, Gandhinagar, Gujarat-382022 ⁴ Manager, Bhaskaracharya Institute For Space Applications and Geo-Informatics</p> <p><i>¹ adityabpatel@yahoo.com, ² contactbhatnagar@yahoo.com, ³ vipul.prajapati@hotmail.com.com ⁴ pandyajg@yahoo.com</i></p>	395-401
73	<p>GNCLUS-A PROPOSED GENETIC ALGORITHM FOR CLUSTERING GENE EXPRESSION DATA</p> <p>¹ SAMARJEET BORAH, ² UDIT KR. CHAKRABORTY, ³ M. K. GHOSE</p> <p>Department of Computer Science & Engineering Sikkim Manipal Institute of Technology, Majitar, Rangpo, E. Sikkim, India</p> <p><i>¹ samarjeetborah@gmail.com, ² udit.kc@gmail.com, ³ mkghose2000@yahoo.com</i></p>	402-405
74	<p>OPTICAL TECHNOLOGY & NETWORKS</p> <p>¹ MR.ASHISH BARDEKAR, ² MS.ASMITA A.BARDEKAR</p> <p>¹. Lecturer, Department of Computer Science, Sipna College of Engg and Technology, Amravati ². PG student (M.E) of Computer science, Sipna College of Engg and Technology, Amravati</p> <p><i>¹ abardekar@rediffmail.com</i></p>	406-411

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79	<p>MODELING AND ANALYSIS OF SOFTWARE AVAILABILITY OF WEB-BASED SYSTEM WITH 3-TIER ARCHITECTURE</p> <p><i>¹A.K LAL, ²R.K BAWA, ³NAVDEEP SINGH</i></p> <p>¹ Associate Professor, SMCA, Thapar University, Patiala-147001, India. ² Reader, Department of Computer Science, Punjabi University, Patiala, India. ³ Sr. Lecturer, Department of Computer Science, Mata Gujri College, Fatehgarh Sahib.</p> <p><i>1,2,3 navdeep_jaggi@yahoo.com</i></p>	435-439
80	<p>OBSTACLES & HURDLES IN RFID IMPLEMENTATION FOR PUBLIC TRANSPORTATION</p> <p><i>¹DIVYAKANT T. MEVA, ²JAYPALSINH A. GOHIL, ³AMIT K. PATEL, ⁴JITENDRA P. DAVE</i></p> <p>¹ Sr. Lecturer C.U. Shah College of Master of Computer Application Wadhwan City, Surendranagar, Gujarat ^{2,3,4} Lecturer C.U. Shah College of Master of Computer Application Wadhwan City,</p> <p><i>⁴davejitendra1982@gmail.com, ¹divyakantmeva16@yahoo.co.in,</i></p>	440-445

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83	<p>DESIGNING OF OFDM BASE WIMAX TRANSCIEVER NETWORK</p> <p>¹PROF. BHAVIN .S. SEDANI, ²MS. NIRALI A..KOTAK, ³DR.G.R.KULKARNI</p> <p>¹ V.V.P. Engineering College, Rajkot (Gujarat) ² Atimya Institute of Technology and Science, Rajkot (Gujarat) ³ C.U.Shah College of Engineering and Technology, Wadhwan (Gujarat)</p> <p>¹<i>bhavin_s_sedani@yahoo.com</i>, ²<i>niralikotak@rediffmail.com</i>, ³<i>grkulkarni29264@rediffmail.com</i></p>	458-462
84	<p>COUPLING AND SIZE-BASED METRICS FOR MEASURING THE QUALITY OF SOFTWARE MODULARIZATION</p> <p>¹PROF. PRAVEEN S. REVANKAR, ²MR. ATUL B. CHAUDHARI</p> <p>¹ Head CSE & Registrar (Academic), Govt. College of Engineering, Aurangabad. ² Lecturer, Department of Computer Engineering, R. C. Patel Institute of Technology, Shirpur.</p> <p>¹<i>p_revankar@yahoo.com</i>, ²<i>atul.rcpit@gmail.com</i></p>	463-467
85	<p>ADOPTION AND USAGE OF M-COMMERCE VAS (VALUE ADDED SERVICES) : COMPARISON BETWEEN URBAN AND RURAL AREAS</p> <p>¹DR. VIJAYKUMAR M. CHAVDA, ²MR. S.C. MALAV, ³MR. MAHESH K.PATEL</p> <p>¹ Asst. Professor, S.V.Institute of Computer Studies, Kadi. India ² Lecturer, BDKM BCA College, Palanpur. India ³ Programmer, BDKM BCA College, Palanpur. India</p> <p>¹<i>v_chavda41@yahoo.com</i>, ²<i>malav555@yahoo.co.in</i>, ³<i>patelmaheshk@rediffmail.com</i></p>	468-472

86	<p>ANALYSIS OF ASSOCIATE GENES OF SPATIAL GENE EXPRESSION DATA FOR ASSOCIATION RULES</p> <p>¹M.ANANDHAVALLI, ²M.K.GHOSE, ³K.GAUTHAMAN</p> <p>¹ Reader, Department of CSE, SMIT, East Sikkim-737136, India. ² Professor, Department of CSE, SMIT, East Sikkim-737136, India. ³ Professor, Department of Pharmacognosy, HPI, East Sikkim-737136, India.</p> <p>¹ anandhim@yahoo.com</p>	473-477
87	<p>GIS BASED APPLICATION - BIRD SANCTUARY</p> <p>¹A.M.MOHSIN, ²A.K.GULVE</p> <p>¹ Lecturer, IT Dept. MGM Jawaharlal Nehru Engineering College, Aurangabad 431001, Maharashtra, India ² Lecturer in MCA Dept., Government College of Engineering, Aurangabad 431001, Maharashtra, India</p> <p>¹a_m_mohsin@yahoo.co.in, ²akgulve@yahoo.com</p>	478-482
88	<p>AN OVERVIEW AND WORKING MODEL OF SENSOR NETWORK</p> <p>¹JAYKUMAR S. PATEL, ²DR. VIJAYKUMAR M. CHAVDA</p> <p>¹ Lecturer, Chaudhari Technical Institute -MCA Department, Opp. S. T. Bus Depot, Nr. Pathikashram, Sector -7, Gandhinagar-382007, Gujarat, India. ² Asst. Prof. S. V. Institute of Computer Studies, Kadi, Gujarat, India</p> <p>¹jay_sp_mca@yahoo.co.in, ²v_chavda41@yahoo.com</p>	483-486
89	<p>THE ROBUST DESIGN OF LINEAR-PHASE FIR FILTER USING MIX-MUTATION EVOLUTIONARY PROGRAMMING</p> <p>¹S.NAGARAJA RAO, ²DR.M.N.GIRI PRASAD, ³MANOJ KUMAR SINGH</p> <p>¹ Professor, G.Pullaiah College of Engineering & Technology, Kurnool, A.P., India. ² Professor, J.N.T.U.College of Engineering, Pulivendula, A.P., India. ³ Director, Manuro Technology Research Labs, Bangalore, India</p> <p>suryakari2k1@yahoo.com¹, mahendran_gp@rediffmail.com², mksingh@manuroresearch.com³</p>	487-494
90	<p>IMPLEMENTATION OF PARTIAL COMPLETION FILTER FOR DETECTING DDOS ATTACKS</p> <p>¹M.VENKATA KRISHNA REDDY ²L.RAGHAVENDRA RAJU ³P.V.S.SRINIVAS</p> <p>¹ Assistant Professor, Dept. of CSE, Jaya Prakash Narayan College of Engineering, Mahabubnagar, AP-509 001 - email: ² Assistant Professor, Dept. of IT, Jaya Prakash Narayan College of Engineering, Mahabubnagar, AP-509 001. ³ Professor & Head, Dept. of CSE, Jaya Prakash Narayan College of Engineering, Mahabubnagar, AP-509 001.</p> <p>venky_kris82@yahoo.com</p>	495-497

91	<p>PREDICTION OF WEAR IN AL6061-SiC MMC'S USING ANN</p> <p><i>¹VEERESH KUMAR.G.B, ²C.S.P.RAO, ³BHAGYASHEKAR.M.S., ²SELVARAJ.N</i></p> <p>¹ Research Scholar, NIT Warangal, A.P, & Dept of Mech. Engg, S B M J College of Engg, Kanakapura – 562 112, India. ² Dept of Mech., Engg, National Institute of Technology, Warangal. (A.P), India. ³ Dept of Mech., Engg, Don Bosco Institute of Technology, Bangalore, India.</p> <p>¹<i>veeru232@yahoo.com</i></p>	498-505
92	<p>COMPARISON OF FEATURE EXTRACTORS: DWT AND WAVELET PACKETS WITH MULTI CLASSIFIERS</p> <p><i>¹ATHULYA JAYAKUMAR, ²VIMAL KRISHNAN V R, ³BABU ANTO P</i></p> <p>School of Information Science and Technology Kannur University, Kerala, India. 670 567</p> <p>¹<i>jkathulya@gmail.com, ²vimallnair@yahoo.co.in, ³bantop@gmail.com</i></p>	506-509
93	<p>PROCESS FORENSIC FOR SYSTEM-CALL DETAILS ON LINUX PLATFORM</p> <p><i>¹ NARAYAN JOSHI , ² PROF. (DR.) D. B. CHOKSI²</i></p> <p>¹ Lecturer, Institute of Science & Technology for Advanced Studies & Research, Vallabh Vidyanagar ² Head & Director, Department of Computer Science and applications, Sardar Patel University, Vallabh Vidyanagar</p> <p><i>dbchoksi@yahoo.com, Narayan.joshi@yahoo.com</i></p>	510-512
94	<p>A POWER MODEL FOR LIFE MAXIMIZATION IN AD HOC WIRELESS NETWORKS</p> <p><i>¹SHRIKANT V. SONEKAR, ²NILESH A. MOHOTA ³VIJAY D. RUGHWANI ⁴SHITAL B. TIWASKAR ⁵VAIBHAV P. CHOUDHARI</i></p> <p>¹ Department of CSE, J D College of Engg., Nagpur ² Department of EN, J D College of Engg., Nagpur ³ Department of CSE, Vilasrao Deshmukh College of Engg.& Tech, Mouda ⁴ Department of CSE, NIT College of Engg., Nagpur ⁵ Department of EN, J D College of Engg., Nagpur</p> <p><i>¹srikantsonekar@rediffmail.com, ²nileshmohota@rediffmail.com, ³v_raghwani_22@rediffmail.com, ⁴sheetaltiwaskar@gmail.com, ⁵vp_choudhari@rediffmail.com</i></p>	513-519
95	<p>A NEW ADAPTIVE ROUTING ALGORITHM FOR MOBILE AD HOC NETWORKS</p> <p><i>¹VIKRAM BALI, ²RAJKUMAR SINGH RATHORE, ³AMIT SIROHI</i></p> <p>¹ HOD, CSE, Ideal Institute of Technology, Ghaziabad, UP. India ² Sr. Lecturer, CSE, Ideal Institute of Technology, Ghaziabad, UP. India ³ Assistant Professor, CSE, Ideal Institute of Technology, Ghaziabad, UP. India</p> <p><i>¹vikrambali78@gmail.com, ²rathore.raj कुमार@gmail.com, ³amitsirohiitk@gmail.com</i></p>	520-525

96	<p>NANOTECHNOLOGY- AT THE THRESHOLD OF 21ST CENTURY</p> <p>¹ <i>MANISH KUMAR</i></p> <p>¹ Lecturer, Dept. Of Computer Science and Engineering, Bhagalpur College of Engineering, Bhagalpur, Bihar, India</p> <p><i>manish_k_g@yahoo.com</i></p>	526- 527
97	<p>FORMAL LANGUAGE SPECIFICATION OF GPL – A PROGRAMMING LANGUAGE IN GUJARATI</p> <p>¹<i>KALPESH LAD</i>, ²<i>DR. BANKIM PATEL</i></p> <p>¹ Lecturer, SRIMCA, Maliba Campus, Bardoli, Surat - 394350, Gujarat, India ² Director, SRIMCA, Maliba Campus, Bardoli, Surat - 394350, Gujarat, India</p> <p>¹<i>kalpesh.lad@srimca.edu.in</i>, ²<i>bankim_patel@srimca.edu.in</i></p>	528- 531
98	<p>ANALYSIS AND IMPLEMENTATION OF A NOVEL TIME-AREA- POWER EFFICIENT, HIGH PERFORMANCE, AND LOW LATENCY FPGA BASED FLOATING-POINT ARITHMETIC UNIT</p> <p>¹ <i>MISS. ASHWINI S. DESHMUKH</i>, ² <i>PROF. DR. P. R. DESHMUKH</i></p> <p>¹ Lecturer in Department of Electronics and Telecommunication SSPM's College of Engineering and Technology, Amravati University Dist: Amravati, Maharashtra- 444701 ² Professor in Department of Electronics and Telecommunication SSPM's College of Engineering and Technology, Amravati University Dist: Amravati, Maharashtra- 444701</p> <p>¹ <i>as_deshmukh@rediffmail.com</i></p>	532- 535
99	<p>DENIAL OF LOG MANIPULATION SYSTEM-AN EVIDENTIARY APPROACH</p> <p>¹<i>B. B. JAYASINGH</i>, ²<i>G. VIKAS</i></p> <p>¹ Professor, Dept. of IT, CVR College of Engineering, Vastunagar, Mangalpalli (V), Ibrahimpatan (M), RR District – 501510, Hyderabad (AP), India. ² B. Tech (IV-IT), CVR College of Engineering, Vastunagar, Mangalpalli (V), Ibrahimpatan (M), RR District – 501510, Hyderabad(AP), India.</p> <p><i>bbjayasingh9@rediffmail.com</i></p>	536- 539
100	<p>POWER QUALITY IMPROVEMENT FOR SHUNT ACTIVE FILTER USING NOVEL SVM</p> <p>¹<i>E.LATHA MERCY</i>, ²<i>G.HEMA</i>, ³<i>S.ARUMUGAM</i></p> <p>¹ Sel.Gr. Lecturer/Electrical, Govt College of Technology, Coimbatore, Tamil Nadu, ² Lecturer/Electrical, Sree Shastha Inst.of Engg.&Tech., hemaparampakkam, Chennai, Tamil Nadu, India. ³ Chief Executive Officer, Nandha Engg. College., Erode Dist, Tamil Nadu, India.</p> <p>¹ <i>lathamercy@rediffmail.com</i>, ² <i>hemag_eee@yahoo.co.in</i>, ³ <i>s_arumugam@vsnl.net</i></p>	540- 543

101	<p>ALGORITHMIC APPROACH FOR MALICIOUS NODE DETECTION IN MOBILE AD-HOC NETWORKS</p> <p><i>¹SHRIKANT V. SONEKAR, ²NILESH A. MOHOTA, ³VIJAY D. RUGHWANI, ⁴SHITAL B. TIWASKAR, ⁵VAIBHAV P. CHOUDHARI</i></p> <p>¹ Department of CSE, J D College of Engg., Nagpur ² Department of EN, J D College of Engg., Nagpur ³ Department of CSE, Vilasrao Deshmukh College of Engg. & Tech, Mouda ⁴ Department of CSE, NIT College of Engg., Nagpur ⁵ Department of EN, J D College of Engg., Nagpur.</p> <p><i>¹srikantsonekar@rediffmail.com, ²nileshmohota@rediffmail.com, ³v_raghwani_22@rediffmail.com, ⁴sheeltiwaskar@gmail.com, ⁵vp_choudhari@rediffmail.com</i></p>	544-550
102	<p>MINING ASSOCIATION RULES FROM UNSTRUCTURED DOCUMENTS</p> <p><i>¹DR.C.A. DHOTE, ²MS. PRACHITEE B. SHEKHAWAT</i></p> <p>¹ Prof., P.R.M. Institute of Technology & Research, Badnera-Amravati 444607,India ² Student, P.R.M. Institute of Technology & Research, Badnera-Amravati 444607</p> <p><i>¹vikasdhote@rediffmail.com, ²prachitee.shekhawat@rediffmail.com</i></p>	551-556
103	<p>SEMANTIC GIS FOR URBAN DEVELOPMENT</p> <p><i>¹Prof.Vidya Gavekar, ²Prof.Manisha Kumbhar, ³Dr. Vilas D. Nandavadekar</i></p> <p>¹ Lecturer, Sinhgad Institute of Management, Pune-411041 ² Sr.Lecturer, Sinhgad Institute of Management, Pune-411041 ³ Director, Sinhgad Institute of Management, MCA Pune-411041</p> <p><i>vidyadeviaptil@yahoo.co.in, manisha_kumbhar05@yahoo.co.in, vilasn073@yahoo.co.in</i></p>	557-561
104	<p>NUMBER OF REAL ZEROS OF A RANDOM TRIGONOMETRIC POLYNOMIAL</p> <p><i>¹P.K.MISHRA, ²A. MANASINGH</i></p> <p>¹ Reader In Mathematics, CET, BBSR, BPUT, ORISSA,INDIA ² Lecturer in Mathematics, MIT, BBSR, BPUT,ORISSA ,INDIA</p> <p><i>¹mishrapkdr@gmail.com, ²ajeykrushna@gmail.com</i></p>	562-565
105	<p>MODELING AND ANALYSIS OF SUPPLY CHAIN ATSP USING HYBRID K-MEANS CLUSTER ALGORITHM</p> <p><i>¹P.SURESH, ²DR.R.KESAVAN</i></p> <p>¹ Assistant Professor, Department of Mechanical Engineering, Muthayammal Engineering College, Rasipuram, Namakkal Dt- 637408, Tamilnadu. India ² Assistant Professor, Department of Production Technology, MIT Campus, Anna University, Chennai-600044, Tamilnadu. India</p> <p><i>¹suresh.me2004@gmail.com, ²kesavan@mitindia@edu</i></p>	566-571

106	MANAGING LARGE KNOWLEDGEBASE USING INTELLIGENT AGENT BASED APPROACH ¹ <i>DR. PRIYANKA SHARMA</i> ¹ Assistant Professor in MCA, Institute of Science and Technology for Advanced Studies and Research (ISTAR), Vallabh Vidya Nagar , Gujarat. India. <i>pspriyanka@yahoo.com</i>	572- 574
107	SOFTWARE REUSE: A HOLISTIC APPROACH ¹ <i>M.P.THAPLIYAL</i> ¹ Department of Computer Science, HNB Garhwal University, (Central University) Srinagar(Garhwal), Uttarakhand- 246174 India ¹ <i>mathuraprasad1@rediffmail.com</i>	575- 579
108	A COMPARATIVE ASSESMENT OF NATURE AND BIO INSPIRED OPTIMIZATION ALGORITHMS WITHIN DYNAMIC TSP ENVIRONMENT ¹ <i>NITESH SUREJA</i> 1Lecturer, G H Patel College of Engg. & Tech., Vallabh Vidyanagar-388120, India ¹ <i>niteshsureja@gcet.ac.in</i>	580- 585