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PT	Author (s)	Title of Paper	Journal	Year	Volume	Page (from)	Page (to)
1	Dutta, S	A review on production, storage of hydrogen and its utilization as an energy resource	JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY	2014	20	1148	1156
2	Ghorai, S; Sarkar, A; Raoufi, M; Panda, AB; Schonherr, H; Pal, S	Enhanced Removal of Methylene Blue and Methyl Violet Dyes from Aqueous Solution Using a Nanocomposite of Hydrolyzed Polyacrylamide Grafted Xanthan Gum and Incorporated Nanosilica	ACS APPLIED MATERIALS & INTERFACES	2014	6	4766	4777
3	Das, D; Das, R; Mandal, J; Ghosh, A; Pal, S	Dextrin Crosslinked with Poly(lactic acid): A Novel Hydrogel for Controlled Drug Release Application	JOURNAL OF APPLIED POLYMER SCIENCE	2014	131		
4	Pandey, A; Som, S; Kumar, V; Kumar, V; Kumar, K; Rai, VK; Swart, HC	Enhanced upconversion and temperature sensing study of Er ³⁺ -Yb ³⁺ codoped tungsten-tellurite glass	SENSORS AND ACTUATORS B-CHEMICAL	2014	202	1305	1312
5	Som, S; Kunti, AK; Kumar, V; Kumar, V; Dutta, S; Chowdhury, M; Sharma, SK; Terblans, JJ; Swart, HC	Defect correlated fluorescent quenching and electron phonon coupling in the spectral transition of Eu ³⁺ in CaTiO ₃ for red emission in display application	JOURNAL OF APPLIED PHYSICS	2014	115		
6	Dey, R; Rai, VK	Yb ³⁺ sensitized Er ³⁺ doped La ₂ O ₃ phosphor in temperature sensors and display devices	DALTON TRANSACTIONS	2014	43	111	118
7	Vettumperumal, R; Kalyanaraman, S; Thangavel, R	Photoconductive UV detectors based heterostructures of Cd and Mg doped ZnO sol gel thin films	MATERIALS CHEMISTRY AND PHYSICS	2014	145	237	242

8	Gangwar, D; Das, S; Yadava, RL	Reduction of Mutual Coupling in Metamaterial Based Microstrip Antennas: The Progress in Last Decade	WIRELESS PERSONAL COMMUNICATIONS	2014	77	2747	2770
9	Kuila, P; Jana, PK	Energy efficient clustering and routing algorithms for wireless sensor networks: Particle swarm optimization approach	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	2014	33	127	140
10	Dey, R; Pandey, A; Rai, VK	Er ³⁺ -Yb ³⁺ and Eu ³⁺ -Er ³⁺ -Yb ³⁺ codoped Y ₂ O ₃ phosphors as optical heater	SENSORS AND ACTUATORS B-CHEMICAL	2014	190	512	515
11	Mahto, TK; Chowdhuri, AR; Sahu, SK	Polyaniline-Functionalized Magnetic Nanoparticles for the Removal of Toxic Dye from Wastewater	JOURNAL OF APPLIED POLYMER SCIENCE	2014	131		
12	Roy, E; Patra, S; Madhuri, R; Sharma, PK	Gold nanoparticle mediated designing of non-hydrolytic sol-gel cross-linked metformin imprinted polymer network: A theoretical and experimental study	TALANTA	2014	120	198	207
13	Soni, AK; Rai, VK	Intrinsic optical bistability and frequency upconversion in Tm ³⁺ -Yb ³⁺ -codoped Y ₂ WO ₆ phosphor	DALTON TRANSACTIONS	2014	43	13563	13570
14	Som, S; Mitra, P; Kumar, V; Kumar, V; Terblans, JJ; Swart, HC; Sharma, SK	The energy transfer phenomena and colour tunability in Y ₂ O ₂ S:Eu ³⁺ /Dy ³⁺ micro-fibers for white emission in solid state lighting applications	DALTON TRANSACTIONS	2014	43	9860	9871
15	Khan, D; Samadder, SR	Municipal solid waste management using Geographical Information System aided methods: A mini review	WASTE MANAGEMENT & RESEARCH	2014	32	1049	1062
16	Bera, A; Kumar, T; Ojha, K; Mandal, A	Screening of microemulsion properties for application in enhanced oil recovery	FUEL	2014	121	198	207
17	Kumar, S; Kaur, P; Chen, CL; Thangavel, R; Dong, CL; Ho, YK; Lee, JF; Chan,	Structural, optical and magnetic characterization of Ru doped ZnO nanorods	JOURNAL OF ALLOYS AND COMPOUNDS	2014	588	705	709

	TS; Chen, TK; Mok, BH; Rao, SM; Wu, MK						
18	Bera, A; Mandal, A; Kumar, T	Physicochemical Characterization of Anionic and Cationic Microemulsions: Water Solubilization, Particle Size Distribution, Surface Tension, and Structural Parameters	JOURNAL OF CHEMICAL AND ENGINEERING DATA	2014	59	2490	2498
19	Kumar, R; Chowdhury, B	Comprehensive Study for Vapor Phase Beckmann Rearrangement Reaction over Zeolite Systems	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2014	53	16587	16599
20	Sarkar, AK; Pal, A; Ghorai, S; Mandre, NR; Pal, S	Efficient removal of malachite green dye using biodegradable graft copolymer derived from amylopectin and poly(acrylic acid)	CARBOHYDRATE POLYMERS	2014	111	108	115
21	Mukhopadhyay, S; Maiti, SK; Mastro, RE	Development of mine soil quality index (MSQI) for evaluation of reclamation success: A chronosequence study	ECOLOGICAL ENGINEERING	2014	71	10	20
22	Mandal, S; Rahman, S; Kumar, R; Bando, KK; Chowdhury, B	XAFS, XPS characterization of cerium promoted Ti-TUD-1 catalyst and its activity for styrene oxidation reaction	CATALYSIS COMMUNICATIONS	2014	46	123	127
23	Pal, PP; Manam, J	Enhanced luminescence of ZnO:RE ³⁺ (RE=Eu, Tb) nanorods by Li ⁺ doping and calculations of kinetic parameters	JOURNAL OF LUMINESCENCE	2014	145	340	350
24	Maiti, S; Tiwari, RK	A comparative study of artificial neural networks, Bayesian neural networks and adaptive neuro-fuzzy inference system in groundwater level prediction	ENVIRONMENTAL EARTH SCIENCES	2014	71	3147	3160
25	Baitha, PK; Pal, PP; Manam, J	Dosimetric sensing and optical properties of ZnO-SnO ₂ nanocomposites synthesized by co-precipitation method	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	2014	745	91	98

26	Agrawal, S; Singh, KK; Sarkar, PK	Impact damage on fibre-reinforced polymer matrix composite - A review	JOURNAL OF COMPOSITE MATERIALS	2014	48	317	332
27	Kuthambalayan, TS; Mehta, P; Shanker, K	Integrating operations and marketing decisions using delayed differentiation of products and guaranteed delivery time under stochastic demand	EUROPEAN JOURNAL OF OPERATIONAL RESEARCH	2014	237	617	627
28	Upadhyay, RK; Roy, P	Spread of a disease and its effect on population dynamics in an eco-epidemiological system	COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION	2014	19	4170	4184
29	Dey, R; Pandey, A; Rai, VK	The Er ³⁺ -Yb ³⁺ codoped La ₂ O ₃ phosphor in finger print detection and optical heating	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2014	128	508	513
30	Vettumperumal, R; Kalyanaraman, S; Thangavel, R	A comparative study of structural, surface morphology and optical properties of Na and Mg codoped ZnO nanocrystalline thin films prepared using sol-gel spin coating technique	JOURNAL OF MOLECULAR STRUCTURE	2014	1059	61	67
31	Pandey, A; Rai, VK; Kumar, K	Influence of Li ⁺ codoping on visible emission of Y ₂ O ₃ :Tb ³⁺ , Yb ³⁺ phosphor	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2014	118	619	623
32	Kumar, V; Tripathy, SK	First-principle calculations of the electronic, optical and elastic properties of ZnSiP ₂ semiconductor	JOURNAL OF ALLOYS AND COMPOUNDS	2014	582	101	107
33	Kakati, H; Kar, S; Mandal, A; Laik, S	Methane Hydrate Formation and Dissociation in Oil-in-Water Emulsion	ENERGY & FUELS	2014	28	4440	4446
34	Gupta, D; Naghma, R; Antony, B	Electron impact total ionisation cross sections for simple bio-molecules: a theoretical approach	MOLECULAR PHYSICS	2014	112	1201	1209
35	Gwala, P; Andey, S; Nagarnaik, P; Ghosh, SP; Pal, P; Deshmukh, P; Labhasetwar, P	Design and development of sustainable remediation process for mitigation of fluoride contamination in ground water and field application for domestic use	SCIENCE OF THE TOTAL ENVIRONMENT	2014	488	592	598

36	Pal, PP; Manam, J	Color tunable ZnO nanorods by Eu and Tb co-doping for optoelectronic applications	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2014	116	213	223
37	Mahata, MK; Tiwari, SP; Mukherjee, S; Kumar, K; Rai, VK	YVO4:Er3+/Yb3+ phosphor for multifunctional applications	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2014	31	1814	1821
38	Rahman, S; Santra, C; Kumar, R; Bahadur, J; Sultana, A; Schweins, R; Sen, D; Maity, S; Mazumdar, S; Chowdhury, B	Highly active Ga promoted Co-HMS-X catalyst towards styrene epoxidation reaction using molecular O-2	APPLIED CATALYSIS A-GENERAL	2014	482	61	68
39	Syed, TH; Webster, PJ; Famiglietti, JS	Assessing variability of evapotranspiration over the Ganga river basin using water balance computations	WATER RESOURCES RESEARCH	2014	50	2551	2565
40	Pandey, BP; Kumar, V; Proupin, EM	Elastic constants and Debye temperature of wz-AlN and wz-GaN semiconductors under high pressure from first-principles	PRAMANA-JOURNAL OF PHYSICS	2014	83	413	425
41	Kumari, A; Rai, VK; Kumar, K	Yellow-orange upconversion emission in Eu3+-Yb3+ codoped BaTiO3 phosphor	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2014	127	98	101
42	Mahata, MK; Kumar, K; Rai, VK	Structural and optical properties of Er3+/Yb3+ doped barium titanate phosphor prepared by coprecipitation method	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2014	124	285	291
43	Roy, E; Patra, S; Madhuri, R; Sharma, PK	Simultaneous determination of heavy metals in biological samples by a multiple-template imprinting technique: an electrochemical study	RSC ADVANCES	2014	4	56690	56700
44	Singh, AK; Mehra, DS; Niyogi, UK; Sabharwal, S; Singh, G	Breathability studies of electron beam curable polyurethane pressure sensitive adhesive for biomedical application	RADIATION PHYSICS AND CHEMISTRY	2014	103	75	83

45	Mukhopadhyay, S; Maiti, SK	SOIL CO ₂ FLUX IN GRASSLAND, AFFORESTED LAND AND RECLAIMED COALMINE OVERBURDEN DUMPS: A CASE STUDY	LAND DEGRADATION & DEVELOPMENT	2014	25	216	227
46	Rajkamal; Chatterjee, D; Paul, A; Banerjee, S; Yadav, S	Enantiomeric organogelators from D-/L- arabinose for phase selective gelation of crude oil and their gel as a photochemical micro- reactor	CHEMICAL COMMUNICATIONS	2014	50	12131	12134
47	Ghosh, P; Das, M; Rameshbabu, AP; Das, D; Datta, S; Pal, S; Panda, AB; Dhara, S	Chitosan Derivatives Cross-Linked with Iodinated 2,5-Dimethoxy-2,5-dihydrofuran for Non-Invasive Imaging	ACS APPLIED MATERIALS & INTERFACES	2014	6	17926	17936
48	Pandey, A; Rai, VK	Pr ³⁺ -Yb ³⁺ codoped Y ₂ O ₃ phosphor for display devices	MATERIALS RESEARCH BULLETIN	2014	57	156	161
49	Pandey, A; Dey, R; Pandey, S; Rai, VK	Visible Light-Emitting Er ³⁺ -Tm ³⁺ -Yb ³⁺ Codoped ZrO ₂ Phosphor for Sensing and Photonics Applications	JOURNAL OF DISPLAY TECHNOLOGY	2014	10		
50	Mishra, BK; Gupta, SK; Sinha, A	Human health risk analysis from disinfection by- products (DBPs) in drinking and bathing water of some Indian cities	JOURNAL OF ENVIRONMENTAL HEALTH SCIENCE AND ENGINEERING	2014	12		
51	Mandal, S; Santra, C; Kumar, R; Pramanik, M; Rahman, S; Bhaumik, A; Maity, S; Sen, D; Chowdhury, B	Niobium doped hexagonal mesoporous silica (HMS-X) catalyst for vapor phase Beckmann rearrangement reaction	RSC ADVANCES	2014	4	845	854
52	Shaw, B; Mukherjee, V; Ghoshal, SP	Solution of reactive power dispatch of power systems by an opposition-based gravitational search algorithm	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	2014	55	29	40
53	Das, NM; Roy, D; Shakti, N; Gupta, PS	Enhanced photoconductivity of CdS-polyaniline multilayer nanocomposites	MATERIALS LETTERS	2014	136	333	336

54	Kumari, S; Shekhar, A; Mungse, HP; Khatri, OP; Pathak, DD	Metal-free one-pot synthesis of amides using graphene oxide as an efficient catalyst	RSC ADVANCES	2014	4	41690	41695
55	Kumar, B; Rajita, G; Mandal, N	A Review on Capacitive-Type Sensor for Measurement of Height of Liquid Level	MEASUREMENT & CONTROL	2014	47	219	224
56	Jain, R; Mahto, V; Mahto, TK	Study of the Effect of Xanthan Gum Based Graft Copolymer on Water Based Drilling Fluid	JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY	2014	51	976	982
57	Mohanty, DK; Rai, VK	Spectroscopy and visible frequency upconversion in Er ³⁺ -Yb ³⁺ : TeO ₂ -ZnO glass	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2014	121	9	13
58	Singh, AK; Kumar, K; Rai, SB	Upconversion studies in rare earth ions-doped lanthanide materials	PRAMANA-JOURNAL OF PHYSICS	2014	82	409	412
59	Bera, A; Mandal, A; Guha, BB	Synergistic Effect of Surfactant and Salt Mixture on Interfacial Tension Reduction between Crude Oil and Water in Enhanced Oil Recovery	JOURNAL OF CHEMICAL AND ENGINEERING DATA	2014	59	89	96
60	Saha, S; Pal, S; Gomez-Garcia, CJ; Clemente-Juan, JM; Harms, K; Nayek, HP	A ferromagnetic tetranuclear nickel(II) Schiff- base complex with an asymmetric Ni ₄ O ₄ cubane core	POLYHEDRON	2014	74	1	5
61	Bhaumik, AK; Gupta, AK; Ray, S	Surface and deep-water variability at the Blake Ridge, NW Atlantic during the Plio-Pleistocene is linked to the closing of the Central American Seaway	PALAEO GEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY	2014	399	345	351
62	Kuila, P; Jana, PK	A novel differential evolution based clustering algorithm for wireless sensor networks	APPLIED SOFT COMPUTING	2014	25	414	425
63	Dutta, R; Gupta, S; Das, MK	Low-Energy Adaptive Unequal Clustering Protocol Using Fuzzy c-Means in Wireless Sensor Networks	WIRELESS PERSONAL COMMUNICATIONS	2014	79	1187	1209

64	Shalivahan; Bhattacharya, BB; Rao, NVC; Maurya, VP	Thin lithosphere-asthenosphere boundary beneath Eastern Indian craton	TECTONOPHYSICS	2014	612	128	133
65	Chowdhury, M; Kunti, AK; Sharma, SK; Gupta, M; Chaudhary, RJ	Synthesis and characterization of pulsed laser deposited SnO ₂ -Fe ₂ O ₃ composite thin films for TCO application	EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS	2014	67		
66	Ghosh, A; Nirala, AK	One to One Imagery Using Single Hololens Configuration	OPTICAL REVIEW	2014	21	765	768
67	Soni, AK; Rai, VK	BaZnLa ₂ O ₅ :Ho ³⁺ -Yb ³⁺ phosphor for display and security ink application	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2014	31	2201	2207
68	Singh, AK; Mehra, DS; Niyogi, UK; Sabharwal, S; Singh, G	Life performance evaluation of electron beam- curable polyurethane pressure-sensitive adhesive tape for medical applications	JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY	2014	28	1192	1206
69	Yadav, M; Kumar, S; Gope, L	Experimental and theoretical study on amino acid derivatives as eco-friendly corrosion inhibitor on mild steel in hydrochloric acid solution	JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY	2014	28	1072	1089
70	Kumari, S; Shekhar, A; Pathak, DD	Graphene oxide supported MnO ₂ nanorods: an efficient heterogeneous catalyst for oxidation of aromatic amines to azo-compounds	RSC ADVANCES	2014	4	61187	61192
71	Panda, MK; Mohanty, S; Pingua, BMP; Mishra, AK	Engineering geological and geotechnical investigations along the head race tunnel in Teesta Stage-III hydroelectric project, India	ENGINEERING GEOLOGY	2014	181	297	308
72	Maity, S; James, OO; Chowdhury, B; Auroux, A	Effect of copper on calcium-modified alumina- supported cobalt catalysts towards Fischer- Tropsch synthesis	CURRENT SCIENCE	2014	106	1538	1547
73	Kumari, A; Kumar, A; Pathak, AK; Guria, C	Carbon dioxide assisted Spirulina platensis cultivation using NPK-10:26:26 complex	JOURNAL OF CO ₂ UTILIZATION	2014	8	49	59

		fertilizer in sintered disk chromatographic glass bubble column					
74	Tiwari, HP; Banerjee, PK; Saxena, VK; Sharma, R; Haldar, SK; Paul, S	Effect of Heating Rate on Coke Quality and Productivity in Nonrecovery Coke Making	INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION	2014	34	306	320
75	Upadhyay, RK; Kumaraswamidhas, LA	On the influence of surfactant over friction properties of steel	CHEMICAL PHYSICS LETTERS	2014	608	167	172
76	Sahu, P; Mishra, DP; Panigrahi, DC; Jha, V; Patnaik, RL; Sethy, NK	Radon emanation from backfilled mill tailings in underground uranium mine	JOURNAL OF ENVIRONMENTAL RADIOACTIVITY	2014	130	15	21
77	Tripathy, SK; Kumar, V	Electronic, elastic and optical properties of ZnGeP ₂ semiconductor under hydrostatic pressures	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2014	182	52	58
78	Yadav, US; Mahto, V	In Situ Gelation Study of Organically Crosslinked Polymer Gel System for Profile Modification Jobs	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	2014	39	5229	5235
79	Upadhyay, RK; Kumaraswamidhas, LA	Tungsten/tungsten nitride performance at elevated temperature	MATERIALS AT HIGH TEMPERATURES	2014	31	102	108
80	Upadhyay, RK; Roy, P; Rai, V	Deciphering Dynamics of Epidemic Spread: The Case of Influenza Virus	INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS	2014	24		
81	Som, S; Dutta, S; Kumar, V; Kumar, V; Swart, HC; Sharma, SK	Swift heavy ion irradiation induced modification in structural, optical and luminescence properties of Y ₂ O ₃ :Tb ³⁺ nanophosphor	JOURNAL OF LUMINESCENCE	2014	146	162	173
82	Das, J; Mishra, SK; Kumar, A; Kumar,	Study of energy recycling in electro-hydraulic system	DYNAMICS OF MACHINES AND	2014	592-594	2244	2248

	N; Sujit, K; Paswan, R		MECHANISMS, INDUSTRIAL RESEARCH				
83	Kumari, A; Pandey, A; Dey, R; Rai, VK	Simultaneous influence of Zn ²⁺ /Mg ²⁺ on the luminescent behaviour of La ₂ O ₃ :Tm ³⁺ -Yb ³⁺ phosphors	RSC ADVANCES	2014	4	21844	21851
84	Kumar, S; Thangavel, R	Structural, optical and magnetic characterization of ZnO nanorods synthesized using hydrothermal technique at low temperature	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2014	70	506	510
85	Kuila, P; Jana, PK	Approximation schemes for load balanced clustering in wireless sensor networks	JOURNAL OF SUPERCOMPUTING	2014	68	87	105
86	Dey, S; Nandy, J; Choudhary, AK; Liu, YS; Zong, KQ	Origin and evolution of granitoids associated with the Kadiri greenstone belt, eastern Dharwar craton: A history of orogenic to anorogenic magmatism	PRECAMBRIAN RESEARCH	2014	246	64	90
87	Banerjee, A; Mukherjee, V; Ghoshal, SP	Intelligent fuzzy-based reactive power compensation of an isolated hybrid power system	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	2014	57	164	177
88	Naghma, R; Vinodkumar, M; Antony, B	Total cross sections for O-2 and S-2 by electron impact	RADIATION PHYSICS AND CHEMISTRY	2014	97	6	11
89	Sharma, S; Mahto, V; Sharma, VP	Effect of Flow Improvers on Rheological and Microscopic Properties of Indian Waxy Crude Oil	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2014	53	4525	4533
90	Kumar, A; Kumar, S; Raghuwanshi, SK	Implementation of full-adder and full-subtractor based on electro-optic effect in Mach-Zehnder interferometers	OPTICS COMMUNICATIONS	2014	324	93	107
91	Varma, AK; Kumar, M; Saxena, VK; Sarkar, A; Banerjee, SK	Petrographic controls on combustion behavior of inertinite rich coal and char and fly ash formation	FUEL	2014	128	199	209
92	Roy, D; Das, NM; Shakti, N; Gupta, PS	Comparative study of optical, structural and electrical properties of zinc phthalocyanine Langmuir-Blodgett thin film on annealing	RSC ADVANCES	2014	4	42514	42522

93	Patil-Shinde, V; Kulkarni, T; Kulkarni, R; Chavan, PD; Sharma, T; Sharma, BK; Tambe, SS; Kulkarni, BD	Artificial Intelligence-based Modeling of High Ash Coal Gasification in a Pilot Plant Scale Fluidized Bed Gasifier	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2014	53	18678	18689
94	Sengupta, B; Sharma, VP; Udayabhanu, G	In-situ Gelation Studies of an Eco-friendly Cross-linked Polymer System for Water Shut-off at High Temperatures	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	2014	36	1445	1467
95	Yadav, M; Kumar, S	Experimental, thermodynamic and quantum chemical studies on adsorption and corrosion inhibition performance of synthesized pyridine derivatives on N80 steel in HCl solution	SURFACE AND INTERFACE ANALYSIS	2014	46	254	268
96	Ambast, AK; Goutam, J; Som, S; Sharma, SK	Ca _{1-x-y} Dy _x KyWO ₄ : A novel near UV converting phosphor for white light emitting diode	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2014	122	93	99
97	Prasad, A; Manna, S; Mahato, A; Singh, VK	The generalized continuous wavelet transform associated with the fractional Fourier transform	JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS	2014	259	660	671
98	Som, S; Chowdhury, M; Sharma, SK	Band gap and trapping parameters of color tunable Yb ³⁺ /Er ³⁺ codoped Y ₂ O ₃ upconversion phosphor synthesized by combustion route	JOURNAL OF MATERIALS SCIENCE	2014	49	858	867
99	Raghuwanshi, SK; Kumar, A; Chen, NK	Implementation of sequential logic circuits using the Mach-Zehnder interferometer structure based on electro-optic effect	OPTICS COMMUNICATIONS	2014	333	193	208
100	Kumar, S; Mukherjee, M; Mishra, P	Structures and partial clustering in binary mixtures of colloidal particles interacting via repulsive power law potentials	JOURNAL OF MOLECULAR LIQUIDS	2014	197	84	92
101	Gupta, D; Antony, B	Electron impact ionization of cycloalkanes, aldehydes, and ketones	JOURNAL OF CHEMICAL PHYSICS	2014	141		

102	Wu, SH; Kumar, S; Thangavel, R; Jen, SU; Cheng, WC; Chang, YC	Structural and optical properties of Na doped ZnO nanocrystalline thin films synthesized using sol-gel spin coating technique (vol 67, pg 50, 2013)	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2014	71	192	192
103	Pandey, B; Mukherjee, J; Das, B; Kar, AK	Nickel concentration dependent structural and optical properties of electrodeposited diamond like carbon thin films	EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS	2014	66		
104	Yadav, M; Kumar, S; Sharma, D	Studies on synthesized nontoxic corrosion inhibitors for N80 steel in hydrochloric acid	ANTI-CORROSION METHODS AND MATERIALS	2014	61	129	138
105	Roy, E; Maity, SK; Patra, S; Madhuri, R; Sharma, PK	A metronidazole-probe sensor based on imprinted biocompatible nanofilm for rapid and sensitive detection of anaerobic protozoan	RSC ADVANCES	2014	4	32881	32893
106	Raina, AK; Murthy, VMSR; Soni, AK	Flyrock in bench blasting: a comprehensive review	BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT	2014	73	1199	1209
107	Ghorai, S; Sarkar, AK; Pal, S	Rapid adsorptive removal of toxic Pb ²⁺ ion from aqueous solution using recyclable, biodegradable nanocomposite derived from templated partially hydrolyzed xanthan gum and nanosilica	BIORESOURCE TECHNOLOGY	2014	170	578	582
108	Roy, D; Das, NM; Gupta, PS	Effect of annealing on the growth dynamics of ZnPc LB thin film and its surface morphology	AIP ADVANCES	2014	4		
109	Som, S; Dutta, S; Chowdhury, M; Kumar, V; Kumar, V; Swart, HC; Sharma, SK	A comparative investigation on ion impact parameters and TL response of Y ₂ O ₃ :Tb ³⁺ nanophosphor exposed to swift heavy ions for space dosimetry	JOURNAL OF ALLOYS AND COMPOUNDS	2014	589	5	18
110	Thampi, NV; Ojha, K; Nair, UG	Effect of Branched Alcohols on Phase Behavior and Physicochemical Properties of Winsor IV Microemulsions	JOURNAL OF SURFACTANTS AND DETERGENTS	2014	17	371	381
111	Kumar, V; Tripathy, SK; Jha, V; Singh, BP	Second-harmonic generation properties of A(II)B(IV)C(2)(V) chalcopyrite semiconductors	PHYSICS LETTERS A	2014	378	519	523

112	Das, NM; Roy, D; Clarke, N; Ganesan, V; Gupta, PS	Dynamics of roughening and growth kinetics of CdS-polyaniline thin films synthesized by the Langmuir-Blodgett technique	RSC ADVANCES	2014	4	32490	32503
113	Baruah, A; Chauhan, G; Ojha, K; Pathak, AK	Phase Behavior and Thermodynamic and Rheological Properties of Single- (SDS) and Mixed-Surfactant (SDS plus CAPB)-Based Fluids with 3-Methylbutan-1-ol as the Cosurfactant and Pine Oil as the Organic Phase	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2014	53	19765	19774
114	Kumar, A; Maiti, SK	Translocation and Bioaccumulation of Metals in Oryza sativa and Zea mays Growing in Chromite-Asbestos Contaminated Agricultural Fields, Jharkhand, India	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	2014	93	434	441
115	Yadav, M; Kumar, S; Behera, D; Bahadur, I; Ramjugernath, D	Electrochemical and Quantum Chemical Studies on Adsorption and Corrosion Inhibition Performance of Quinoline -Thiazole Derivatives on Mild Steel in Hydrochloric Acid Solution	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2014	9	5235	5257
116	Upadhyay, RK; Kumaraswamidhas, LA	Surface modification by multilayered W/W2N coating	SURFACE ENGINEERING	2014	30	475	482
117	Bhattacharyya, B; Gupta, VK	Fuzzy Genetic Algorithm Approach for the Optimal Placement of Flexible AC Transmission Systems Devices in a Power System	ELECTRIC POWER COMPONENTS AND SYSTEMS	2014	42	779	787
118	Verma, S; Praveen, KC; Bobby, A; Kanjilal, D	Recovery of Electrical Characteristics of Au/n-Si Schottky Junction Under Co-60 Gamma Irradiation	IEEE TRANSACTIONS ON DEVICE AND MATERIALS RELIABILITY	2014	14	721	725
119	Yadav, M; Behera, D; Kumar, S	Experimental and theoretical studies on corrosion inhibition of mild steel in hydrochloric acid by thiosemicarbazone of Schiff bases	CANADIAN METALLURGICAL QUARTERLY	2014	53	220	231
120	Vettumperumal, R; Kalyanaraman, S; Santoshkumar, B; Thangavel, R	Magnetic properties of high Li doped ZnO sol-gel thin films	MATERIALS RESEARCH BULLETIN	2014	50	7	11
121	Anand, R; Balakrishnan, S;	Neoarchean crustal growth by accretionary processes: Evidence from combined zircon-	JOURNAL OF ASIAN EARTH SCIENCES	2014	79	72	85

	Kooijman, E; Mezger, K	titanite U-Pb isotope studies on granitoid rocks around the Hutti greenstone belt, eastern Dharwar Craton, India					
122	Dey, S; Sain, D; Goswami, S	Naphthyridine based fluorescent receptors for the recognition of uric acid	RSC ADVANCES	2014	4	428	433
123	Saxena, A; Pathak, AK; Ojha, K	Synergistic Effects of Ionic Characteristics of Surfactants on Aqueous Foam Stability, Gel Strength, and Rheology in the Presence of Neutral Polymer	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2014	53	19184	19191
124	Mukherjee, M; Mishra, P; Lowen, H	Density functional theory of freezing for binary mixtures of 2D superparamagnetic colloids	JOURNAL OF PHYSICS-CONDENSED MATTER	2014	26		
125	Guin, AK; Bhadu, M; Sinhababu, M; Udayabhanu, G	The effect of zirconia ions on corrosion performance of sol-gel coated galvanized steel	JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH	2014	11	967	977
126	Tripathy, SK; Banerjee, PM; Suresh, N	Separation analysis of dry high intensity induced roll magnetic separator for concentration of hematite fines	POWDER TECHNOLOGY	2014	264	527	535
127	Som, S; Sharma, SK; Lochab, SP	Swift heavy ion induced structural and luminescence characterization of Y ₂ O ₃ :Eu ³⁺ -phosphor: a comparative study	LUMINESCENCE	2014	29	480	491
128	Anshumali; Rani, M; Yadav, SK; Kumar, A	Geochemical alterations in surface waters of Govind Ballabh Pant Sagar, Northern Coalfield, India	ENVIRONMENTAL EARTH SCIENCES	2014	71	3181	3193
129	Om, H; Biswas, M	MMSE based map estimation for image denoising	OPTICS AND LASER TECHNOLOGY	2014	57	252	264
130	Gangwar, RK; Mishra, SS; Singh, VK	Designing of endlessly single mode polarization maintaining highly birefringent nonlinear micro-structure fiber at telecommunication window by FV-FEM	OPTIK	2014	125	1641	1645
131	Singha, DK; Chatterjee, R; Sen, MK; Sain, K	Pore pressure prediction in gas-hydrate bearing sediments of Krishna-Godavari basin, India	MARINE GEOLOGY	2014	357	1	11
132	Varma, AK; Hazra, B; Srivastava, A	Estimation of total organic carbon in shales through color manifestations (vol 18, pg 53, 2014)	JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING	2014	20	1	1

133	Sinha, A; Bose, P	Modeling of 2-chloronaphthalene interaction with high carbon iron filings (HCIF) in semi-batch and continuous systems	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2014	21	10442	10452
134	Singh, DP; Gupta, SK; Yadav, SP; Sharma, PK; Pandey, AC; Manohar, R	Guest-host interaction in ferroelectric liquid crystal-nanoparticle composite system	BULLETIN OF MATERIALS SCIENCE	2014	37	511	518
135	Bobby, A; Shiwakoti, N; Verma, S; Gupta, PS; Antony, BK	Enhancement in electrical properties of Au/n-GaAs Schottky diodes exposed to Co-60 gamma rays	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	2014	21	116	121
136	Guria, C; Goli, KK; Pathak, AK	Multi-objective optimization of oil well drilling using elitist non-dominated sorting genetic algorithm	PETROLEUM SCIENCE	2014	11	97	110
137	Naktode, K; Anga, S; Kottalanka, RK; Nayek, HP; Panda, TK	Reaction of sterically congested NHC- Zn(CH ₂ CH ₃) ₂ with substituted phenols leading to zincate complexes	JOURNAL OF COORDINATION CHEMISTRY	2014	67	236	248
138	Panigrahi, DC; Ray, SK	ASSESSMENT OF SELF-HEATING SUSCEPTIBILITY OF INDIAN COAL SEAMS - A NEURAL NETWORK APPROACH	ARCHIVES OF MINING SCIENCES	2014	59	1061	1076
139	Upadhyay, RK; Patra, A; Dubey, B; Thakur, NK	PREDATOR-PREY INTERACTION MODEL WITH SELF- AND CROSS-DIFFUSION IN AQUATIC SYSTEMS	JOURNAL OF BIOLOGICAL SYSTEMS	2014	22	691	712
140	Goswami, B; Naghma, R; Antony, B	Calculation of electron impact total ionization cross sections for tungsten, uranium and their oxide radicals	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	2014	372	8	12
141	Panda, L; Banerjee, PK; Biswal, SK; Venugopal, R; Mandre, NR	Artificial neural network approach to assess selective flocculation on hematite and kaolinite	INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS	2014	21	637	646
142	Upadhyay, P; Kar, R; Mandal, D;	A novel design method for optimal IIR system identification using opposition based harmony search algorithm	JOURNAL OF THE FRANKLIN INSTITUTE-	2014	351	2454	2488

	Ghoshal, SP; Mukherjee, V		ENGINEERING AND APPLIED MATHEMATICS				
143	Rai, VK; Mishra, P	Multicolor visible light upconversion emission in Tm ³⁺ -Er ³⁺ codoped TeO ₂ -PbO glass under near-infrared laser radiation	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2014	31	1041	1045
144	Singha, DK; Chatterjee, R	Detection of overpressure zones and a statistical model for pore pressure estimation from well logs in the Krishna-Godavari Basin, India	GEOCHEMISTRY GEOPHYSICS GEOSYSTEMS	2014	15	1009	1020
145	Saha, S; Kottalanka, RK; Bhowmik, P; Jana, S; Harms, K; Panda, TK; Chattopadhyay, S; Nayek, HP	Synthesis and characterization of a nickel(II) complex of 9-methoxy-2,3-dihydro-1,4-benzoxypipazine derived from a Schiff base ligand and its ligand substitution reaction	JOURNAL OF MOLECULAR STRUCTURE	2014	1061	26	31
146	Naghma, R; Gupta, D; Antony, B	Total cross sections for electron scattering with halocarbon molecules	JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA	2014	193	48	53
147	Saw, VK; Das, BB; Ahmad, I; Mandal, A; Laik, S	Influence of Electrolytes on Methane Hydrate Formation and Dissociation	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	2014	36	1659	1669
148	Das, AK; Saha, P	Fabrication of cylindrical micro tools by micro electrochemical form turning operation	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B- JOURNAL OF ENGINEERING MANUFACTURE	2014	228	74	81
149	Upadhyay, RK; Rai, V; Tiwari, SK	Modeling wetland systems of Keoladeo National Park (KNP), India: the role of space	WETLANDS ECOLOGY AND MANAGEMENT	2014	22	605	624
150	Yadav, M; Sharma, D; Kumar, S; Kumar, S;	Electrochemical and Theoretical Studies on Amino Phosphonates as Efficient Corrosion	INTERNATIONAL JOURNAL OF	2014	9	6580	6593

	Bahadur, I; Ebenso, EE	Inhibitor for N80 Steel in Hydrochloric Acid Solution	ELECTROCHEMICAL SCIENCE				
151	Bhattacharyya, B; Gupta, VK	Fuzzy based evolutionary algorithm for reactive power optimization with FAGS devices	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	2014	61	39	47
152	Kumar, D; Kumar, J	Effect of Size and Temperature on Optical Gain of Quantum Dots	Journal of Nanoelectronics and Optoelectronics	2014	9	520	524
153	Tiwari, HP; Banerjee, PK; Saxena, VK; Haldar, SK	Effect of Indian Medium Coking Coal on Coke Quality in Non-recovery Stamp Charged Coke Oven	JOURNAL OF IRON AND STEEL RESEARCH INTERNATIONAL	2014	21	673	678
154	Dwarapudi, S; Banerjee, PK; Chaudhary, P; Sinha, S; Chakraborty, U; Sekhar, C; Venugopalan, T; Venugopal, R	Effect of fluxing agents on the swelling behavior of hematite pellets	INTERNATIONAL JOURNAL OF MINERAL PROCESSING	2014	126	76	89
155	Ghosh, A; Ranjan, R; Nirala, AK; Yadav, HL	Design and analysis of processing parameters of hololenses for wavelength selective light filters	OPTIK	2014	125	2191	2194
156	Lakra, S; Mandal, S	Modeling and performance analysis of vertically coupled triple microring resonator in the Z domain	APPLIED OPTICS	2014	53	8381	8388
157	Mukherjee, M; Kumar, S; Mishra, P	Clustering in binary mixtures of axial multipoles confined to a two-dimensional plane	PHYSICA A- STATISTICAL MECHANICS AND ITS APPLICATIONS	2014	416	340	353
158	Ansari, MA; Khan, PK; Tiwari, VM; Banerjee, J	Gravity anomalies, flexure, and deformation of the converging Indian lithosphere in Nepal and Sikkim-Darjeeling Himalayas	INTERNATIONAL JOURNAL OF EARTH SCIENCES	2014	103	1681	1697
159	Chatterjee, S; Roy, A	Web software fault prediction under fuzzy environment using MODULO-M multivariate	APPLIED SOFT COMPUTING	2014	22	372	396

		overlapping fuzzy clustering algorithm and newly proposed revised prediction algorithm					
160	Yadav, M; Kumar, S; Bahadur, I; Ramjugernath, D	Electrochemical and Quantum Chemical Studies on Synthesized Phenylazopyrimidone Dyes as Corrosion Inhibitors for Mild Steel in a 15% HCl Solution	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2014	9	3928	3950
161	Keshri, S; Kumar, V; Wisniewski, P; Kamzin, AS	Synthesis and characterization of LSMO manganite-based biocomposite	PHASE TRANSITIONS	2014	87	468	476
162	Mandal, B; Roy, PK; Mandal, S	Economic load dispatch using krill herd algorithm	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	2014	57	1	10
163	Yadav, M; Behera, D; Sinha, RR; Yadav, PN	Experimental and Quantum Studies on Adsorption and Corrosion Inhibition Effect on Mild Steel in Hydrochloric Acid by Thiophene Derivatives	ACTA METALLURGICA SINICA-ENGLISH LETTERS	2014	27	37	46
164	Das, J; Mishra, SK; Kumar, A; Kumar, N; Sujit, K; Paswan, R	Study on Hybridization of Hydraulic System used in Heavy Machinery	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592-594	2249	2253
165	China, SP; Das, M; Maiti, SK	PHYTOSTABILIZATION OF MOSABONI COPPER MINE TAILINGS: A GREEN STEP TOWARDS WASTE MANAGEMENT	APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH	2014	12	25	32
166	Mishra, JK; Priye, V	Design of low crosstalk and bend insensitive optical interconnect using rectangular array multicore fiber	OPTICS COMMUNICATIONS	2014	331	272	277
167	Lokhande, RD; Murthy, VMSR; Singh, KB	Predictive models for pot-hole depth in underground coal mining-some Indian experiences	ARABIAN JOURNAL OF GEOSCIENCES	2014	7	4697	4705
168	Yadav, RK; Das, S; Yadava, RL	Analysis and modelling of a novel compact rectenna for indoor applications	IET COMMUNICATIONS	2014	8	2642	2651
169	Ray, SK; Panigrahi, DC; Varma, AK	An electro-chemical method for determining the susceptibility of Indian coals to spontaneous heating	INTERNATIONAL JOURNAL OF COAL GEOLOGY	2014	128	68	80

170	Singh, MK; Ahamad, S; Singh, VP	One-dimensional uniform and time varying solute dispersion along transient groundwater flow in a semi-infinite aquifer	ACTA GEOPHYSICA	2014	62	872	892
171	Naktode, K; Bhattacharjee, J; Gupta, SD; Nayek, HP; Mallik, BS; Panda, TK	Unprecedented Calcium Metalla-macrocycle Having Phosphinoselenoic Amide and Diphenylphosphinate in the Coordination Sphere	ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE	2014	640	994	999
172	Dutta, RA; Sharma, PK; Tiwari, V; Tiwari, V; Patel, AB; Pandey, R; Pandey, AC	Engineering of gadofluoroprobes: Broad-spectrum applications from cancer diagnosis to therapy	APPLIED PHYSICS LETTERS	2014	104		
173	Yadav, M; Kumar, S; Bahadur, I; Ramjugernath, D	Corrosion Inhibitive Effect of Synthesized Thiourea Derivatives on Mild Steel in a 15% HCl Solution	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2014	9	6529	6550
174	Jayswal, A; Prasad, AK; Ahmad, I	ON MINIMAX FRACTIONAL PROGRAMMING PROBLEMS INVOLVING GENERALIZED (H-p, r)-INVEX FUNCTIONS	JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION	2014	10	1001	1018
175	Yadav, M; Behera, D; Kumar, S	Experimental and theoretical investigation on adsorption and corrosion inhibition properties of imidazopyridine derivatives on mild steel in hydrochloric acid solution	SURFACE AND INTERFACE ANALYSIS	2014	46	640	652
176	Srivastava, S; Datta, D; Agarwal, BNP; Mehta, S	Applications of Ant Colony Optimization in determination of source parameters from total gradient of potential fields	NEAR SURFACE GEOPHYSICS	2014	12	373	389
177	Mitra, S; Gupta, SK	Pilot-scale treatment of a trichloethylene rich synthetic wastewater in anaerobic hybrid reactor, with morphological study of the sludge granules	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY	2014	16	947	956
178	Naghma, R; Gupta, D; Goswami, B; Antony, B	Electron impact ionization cross sections for chlorinated and brominated methane and $C_nH_{2n+1}Cl$ (where $n=2, 3, 4$) molecules	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	2014	360	39	44

179	Ray, D; Kota, D; Das, P; Prakash, LS; Khedekar, VD; Paropkari, AL; Mudholkar, AV	Microtexture and Distribution of Minerals in Hydrothermal Barite-Silica Chimney from the Franklin Seamount, SW Pacific: Constraints on Mode of Formation	ACTA GEOLOGICA SINICA-ENGLISH EDITION	2014	88	213	225
180	Mishra, DP; Sahu, P; Panigrahi, DC; Jha, V; Patnaik, RL	Assessment of Rn-222 emanation from ore body and backfill tailings in low-grade underground uranium mine	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2014	21	2305	2312
181	Yadav, M; Kumar, S; Sinha, RR; Kumar, S	Experimental and Theoretical Studies on Synthesized Compounds as Corrosion Inhibitor for Mild Steel in Hydrochloric Acid Solution	JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY	2014	35	1751	1763
182	Mahto, V; Verma, D; Kumar, A; Sharma, VP	Wax Deposition in Flow Lines Under Dynamic Conditions	PETROLEUM SCIENCE AND TECHNOLOGY	2014	32	1996	2003
183	Bhargava, R; Sharma, PK; Singh, S; Sahni, M; Pandey, AC; Kumar, N	Switching in structural, optical, and magnetic properties of self-assembled Co-doped ZnO: effect of Co-concentration	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2014	25	552	559
184	Samadder, SR; Kumar, DN; Holden, NM	An empirical model to predict arsenic pollution affected life expectancy	POPULATION AND ENVIRONMENT	2014	36	219	233
185	Mandal, N; Kumar, B; Sarkar, R; Bera, SC	Design of a Flow Transmitter Using an Improved Inductance Bridge Network and Rotameter as Sensor	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	2014	63	3127	3136
186	Sahoo, PR; Venkatesh, AS	'Indicator' carbonaceous phyllite/graphitic schist in the Archean Kundarkocha gold deposit, Singhbhum orogenic belt, eastern India: Implications for gold mineralization vis-a-vis organic matter	JOURNAL OF EARTH SYSTEM SCIENCE	2014	123	1693	1703
187	Gupta, VK; Sharma, S	Analysis of ball mill grinding operation using mill power specific kinetic parameters	ADVANCED POWDER TECHNOLOGY	2014	25	625	634
188	Singh, SK; Kumar, J	Effect of geometry and composition on the intraband transitions of holes in quantum dots	JOURNAL OF APPLIED PHYSICS	2014	116		

189	Ghosh, S; Chatterjee, R; Paul, S; Shanker, P	Designing of plug-in for estimation of coal proximate parameters using statistical analysis and coal seam correlation	FUEL	2014	134	63	73
190	Chatterjee, K; Shankar, R; Kumar, A	Fuzzy Logic Based Controller for a Grid-Connected Solid Oxide Fuel Cell Power Plant	JOURNAL OF FUEL CELL SCIENCE AND TECHNOLOGY	2014	11		
191	Varma, AK; Hazra, B; Srivastava, A	Estimation of Total Organic Carbon in shales through color manifestations	JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING	2014	18	53	57
192	Kumar, V; Singh, BP; Pandey, BP	First-principle calculations of the elastic properties of A(II)B(IV)C(2)(V) semiconductors	COMPUTATIONAL MATERIALS SCIENCE	2014	87	227	231
193	Naghma, R; Antony, B	Total Scattering Cross Sections for Ethylene by Electron Impact for Incident Electron Energies from 1 to 2000 eV	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	2014	114	271	277
194	Ghosh, A; Biswas, S; Barman, P	Marsh Foraminiferal Assemblages in Relation to Vegetation in Sunderban, India	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	2014	84	657	667
195	Kumar, S; Bhattacharya, S; Mandre, NR	Characterization and flocculation studies of fine coal tailings	JOURNAL OF THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY	2014	114	945	949
196	Bhowmik, A; Singla, RK; Das, R; Mallick, A; Repaka, R	Inverse modeling of a solar collector involving Fourier and non-Fourier heat conduction	APPLIED MATHEMATICAL MODELLING	2014	38	5126	5148
197	Kundu, S; Manna, S; Gupta, S	Love wave dispersion in pre-stressed homogeneous medium over a porous half-space with irregular boundary surfaces	INTERNATIONAL JOURNAL OF SOLIDS AND STRUCTURES	2014	51	3689	3697
198	Panda, SK; Sahu, S; Sharma, S	Interaction of third-row main group dicarbides, C ₂ X (X = K-Br) with molecular oxygen: A density functional study	COMPUTATIONAL AND THEORETICAL CHEMISTRY	2014	1032	1	6
199	Goswami, B; Gupta, D; Antony, B	0.1-2000 eV electron impact cross sections for dichlorine monoxide	JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA	2014	193	86	91
200	Kundu, S; Gupta, S; Manna, S	SH-type waves dispersion in an isotropic medium sandwiched between an initially	MECCANICA	2014	49	749	758

		stressed orthotropic and heterogeneous semi-infinite media					
201	Pal, PP; Baitha, PK; Borgohain, N; Manam, J	Enhanced photoluminescence emission from XSO ₄ :Eu ²⁺ (X = Mg, Sr) microphosphors	INDIAN JOURNAL OF PHYSICS	2014	88	243	250
202	Shankar, G; Mukherjee, V	Load-following performance analysis of a microturbine for islanded and grid connected operation	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	2014	55	704	713
203	Raghuwanshi, SK; Kumar, S; Kumar, A	Dispersion characteristics of complex refractive-index planar slab optical waveguide by using finite element method	OPTIK	2014	125	5929	5935
204	Tripathy, SK; Kumar, V	Ab-initio Calculation of ZnGeAs ₂ Semiconductor	SOLID STATE PHYSICS: PROCEEDINGS OF THE 58TH DAE SOLID STATE PHYSICS SYMPOSIUM 2013, PTS A & B	2014	1591	1084	1086
205	Chack, D; Agrawal, N; Raghuwanshi, SK	To analyse the performance of tapered and MMI assisted splitter on the basis of geographical parameters	OPTIK	2014	125	2568	2571
206	Singh, G; Gupta, M; Goyal, A; Mathur, S	Estimation of field intensity distribution and its wavelength dependence in a flat focusing nanolens	PHYSICS OF WAVE PHENOMENA	2014	22	31	35
207	Chaudhary, RK; Srivastava, KV; Biswas, A	A BROADBAND DUMBBELL-SHAPED DIELECTRIC RESONATOR ANTENNA	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2014	56	2944	2947
208	Naghma, R; Antony, B	Electron impact ionization cross sections for chloroethanes	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	2014	373	34	38
209	Varma, AK; Hazra, B; Samad, SK; Panda, S; Mendhe, VA	Methane sorption dynamics and hydrocarbon generation of shale samples from West Bokaro and Raniganj basins, India	JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING	2014	21	1138	1147
210	Negi, CMS; Kumar, J	Analysis of electromagnetically induced transparency-based quantum dot infrared photodetectors	JOURNAL OF THE OPTICAL SOCIETY OF	2014	31	2121	2130

			AMERICA B-OPTICAL PHYSICS				
211	Vishwakarma, RK; Ranjan, V; Kumar, J	Comparison of explosion parameters for Methane-Air mixture in different cylindrical flameproof enclosures	JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES	2014	31	82	87
212	Kaur, J; Goswami, B; Gupta, D; Antony, B	Electron-impact scattering by arsine	PHYSICAL REVIEW A	2014	90		
213	Singh, MK; Behura, AK	NANOTECHNOLOGY TOWARDS ENVIRONMENTAL SUSTAINABILITY	JOURNAL OF DHARMA	2014	39	259	275
214	Roy, I; Behura, AK	REVISITING THE RELATIONSHIP BETWEEN BUSINESS AND ENVIRONMENT	JOURNAL OF DHARMA	2014	39	167	180
215	Kumari, R; Kushvah, BS	Stability regions of equilibrium points in restricted four-body problem with oblateness effects	ASTROPHYSICS AND SPACE SCIENCE	2014	349	693	704
216	Kumar, R; Kumar, V; Rajak, DK; Guria, C	An improved estimation of shear rate using rotating coaxial-cylinder Fann viscometer: A rheological study of bentonite and fly ash suspensions	INTERNATIONAL JOURNAL OF MINERAL PROCESSING	2014	126	18	29
217	Mahato, M; Dey, D; Pal, S; Saha, S; Ghosh, A; Harms, K; Nayek, HP	Syntheses, structures, optical properties and biological activities of bimetallic complexes	RSC ADVANCES	2014	4	64725	64730
218	Tiwari, HP; Banerjee, PK; Saxena, VK; Sharma, R; Haldar, SK; Verma, S	Efficient way to use of non-coking coals in non-recovery coke making process	METALLURGICAL RESEARCH & TECHNOLOGY	2014	111	211	220
219	Mahato, S; Das, S; Kar, AK	Zinc Oxide Nanoflower Prepared by Wet Colloid Chemical Method	SOLID STATE PHYSICS: PROCEEDINGS OF THE 58TH DAE SOLID STATE PHYSICS SYMPOSIUM 2013, PTS A & B	2014	1591	453	455
220	Goswami, B; Antony, B	Electron impact scattering by SF6 molecule over an extensive energy range	RSC ADVANCES	2014	4	30953	30962

221	Pesic, V; Chatterjee, T; Alfaro, M; Schizas, NV	A new species of Litarachna (Acari, Hydrachnidia, Pontarachnidae) from a Caribbean mesophotic coral ecosystem	ZOOKEYS	2014		89	97
222	Mandal, HS; Khan, PK; Shukla, AK	Soil responses near Delhi ridge and adjacent regions in Greater Delhi during incidence of a local earthquake	NATURAL HAZARDS	2014	70	93	118
223	Gupta, D; Naghma, R; Goswami, B; Antony, B	Electron induced chemistry of disilane	RSC ADVANCES	2014	4	9197	9204
224	Bhattacharyya, K; Layek, GC; Seth, GS	Soret and Dufour effects on convective heat and mass transfer in stagnation-point flow towards a shrinking surface	PHYSICA SCRIPTA	2014	89		
225	Kundu, S; Gupta, S; Manna, S	Propagation of Love wave in fiber-reinforced medium lying over an initially stressed orthotropic half-space	INTERNATIONAL JOURNAL FOR NUMERICAL AND ANALYTICAL METHODS IN GEOMECHANICS	2014	38	1172	1182
226	Bhaumik, AK; Gupta, AK; Clemens, SC; Mazumder, R	Functional morphology of Melonis barleeanum and Hoeglundina elegans: a proxy for water- mass characteristics	CURRENT SCIENCE	2014	106	1133	1140
227	Goswami, B; Antony, B	On the electron impact ionization of silicon and metal containing organic molecules	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	2014	361	28	33
228	Petrescu, I; Chatterjee, T; Schizas, NV	Three new Nannastacidae (Crustacea: Cumacea) species from a Caribbean mesophotic ecosystem	ZOOTAXA	2014	3765	360	370
229	Dewangan, S; Chattopadhyaya, S; Hloch, S	Investigation Into Coal Cutting Operation by Using Conical Pick of Cast Iron with LH710 Coated Tip	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592- 594	426	+
230	Das, J; Kumar, S; Mishra, SK; Kumar, A; Kumar, N; Paswan, R	Modern Advancement of Hydraulic Motor: A Review	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592- 594	2179	2183

231	Khandelwal, MK; Kanaujia, BK; Dwari, S; Kumar, S; Gautam, AK	Analysis and design of wide band Microstrip-line-fed antenna with defected ground structure for Ku band applications	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2014	68	951	957
232	Singh, M; Raghuwanshi, SK	Impact of higher order dispersion on Photonically assisted optical millimeter-wave generated using dual parallel electro-optic modulators	CURRENT APPLIED PHYSICS	2014	14	1837	1844
233	Gupta, G; Maiti, S; Erram, VC	Analysis of Electrical Resistivity Data in Resolving the Saline and Fresh Water Aquifers in West Coast Maharashtra	JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA	2014	84	555	568
234	Petrescu, I; Chatterjee, T; Schizas, NV	New records of Bodotriidae (Crustacea: Cumacea) from Puerto Rico with descriptions of three new species	ZOOTAXA	2014	3873	526	540
235	Pandey, R; Pandey, N; Paul, SK; Singh, A; Sriram, B; Trivedi, K	Novel grounded inductance simulator using single OTRA	INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS	2014	42	1069	1079
236	Om, H; Biswas, M	An adaptive image denoising method based on local parameters optimization	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	2014	39	879	900
237	Bharadwaj, P; Nissen-Meyer, T; Schuster, G; Mai, PM	Enhancing core-diffracted arrivals by supervirtual interferometry	GEOPHYSICAL JOURNAL INTERNATIONAL	2014	196	1177	1188
238	Guin, AK; Bhadu, M; Sinhababu, M; Mundhara, A; Rout, TK; Udayabhanu, G	Effective corrosion inhibition performance of La(NO ₃)(3) doped sol-gel coating on galvanized steel sheet	ANTI-CORROSION METHODS AND MATERIALS	2014	61	370	379
239	Ghosh, A; Thangavel, R; Rajagopalan, M	A Comparative Study of Structural and Optical Properties of Cu(2)ZnSnS(4)Nanocrystals for Photovoltaic Applications	SOLID STATE PHYSICS: PROCEEDINGS OF THE 58TH DAE SOLID STATE PHYSICS SYMPOSIUM 2013, PTS A & B	2014	1591	1422	1424

240	Kumar, S; Kumar, A; Raghuwanshi, SK	Analysis of effect of single and multiple micro-ring resonators as an optical filter using the Mason's gain formula	MICRO-OPTICS 2014	2014	9130		
241	Gupta, D; Antony, B	Total ionisation cross sections for chlorofluoromethanes and CCl _x radicals by electron impact	MOLECULAR PHYSICS	2014	112	1816	1823
242	Kumar, A; Panda, SK; Kumar, R	DYNAMIC INSTABILITY OF COMPOSITE SKEW PLATES USING BOUNDARY CHARACTERISTIC ORTHOGONAL POLYNOMIALS	INTERNATIONAL JOURNAL OF APPLIED MECHANICS	2014	6		
243	Chatterjee, M; Dhua, S; Sahu, SA; Chattopadhyay, A	Reflection in a highly anisotropic medium for three-dimensional plane waves under initial stresses	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE	2014	85	136	149
244	Kumar, A; Keshri, S; Pandey, B; Krishna, JBM; Das, D	Impact of N ⁵⁺ ion implantation on optical and electrical properties of polycrystalline ZnO film	RADIATION EFFECTS AND DEFECTS IN SOLIDS	2014	169	965	979
245	Yadav, M; Behera, D; Kumar, S; Sinha, RR	Experimental and quantum chemical studies on corrosion inhibition performance of some Schiff bases for mild steel in 4M HCl	INDIAN JOURNAL OF CHEMICAL TECHNOLOGY	2014	21	262	271
246	Mandal, D; Pal, PC; Kumar, S	Disturbance of SH-type waves due to moving stress discontinuity in an anisotropic soil layer overlying an inhomogeneous elastic half-space	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	2014	39	451	465
247	Singh, KMP; Udayabhanu, G; Gouricharan, T	Comparative Studies on the Settling Behavior of Indian Noncoking Coal Fines by Standard Jar Test and Instrument	INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION	2014	34	65	74
248	Sahu, SA; Saroj, PK; Dewangan, N	SH-waves in viscoelastic heterogeneous layer over half-space with self-weight	ARCHIVE OF APPLIED MECHANICS	2014	84	235	245
249	Chattopadhyay, A; Singh, AK	Propagation of a crack due to magnetoelastic shear waves in a self-reinforced medium	JOURNAL OF VIBRATION AND CONTROL	2014	20	406	420
250	Mallick, A; Das, R	APPLICATION OF SIMPLEX SEARCH METHOD FOR PREDICTING UNKNOWN	JOURNAL OF THERMAL STRESSES	2014	37	236	251

		PARAMETERS IN AN ANNULAR FIN SUBJECTED TO THERMAL STRESSES					
251	Sadhu, PK; Bhattacharya, A; Pal, N	Review of Microwave Oven-a Health Hazardous Tool for Cooking as Compared to Induction Cooker	2014 INTERNATIONAL CONFERENCE ON CONTROL, INSTRUMENTATION, ENERGY & COMMUNICATION (CIEC)	2014		137	141
252	Mandal, N; Kumar, B; Rajita, G; Mondal, B	A Modified Design of a Flow Transmitter Using Rotameter as a Primary Sensor and LVDT as a Transducer	2014 INTERNATIONAL CONFERENCE ON CONTROL, INSTRUMENTATION, ENERGY & COMMUNICATION (CIEC)	2014		194	198
253	Rajak, DK; Kumaraswamidhas, LA; Das, S	Mechanical Behaviour and Energy Absorption Foam Filled Structures of Square Section under Compression Loading	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592- 594	1109	+
254	Kumar, KKS; Devi, KA; Kumaraswamidhas, LA	SPSS: A Data mining tool for analyzing the results of flow induced vibration excitation in an elastically mounted circular cylinder at different interference conditions	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592- 594	2086	+
255	Das, J; Kumar, S; Mishra, SK; Kumar, A; Kumar, N; Paswan, R	Study of energy saving system for hydrostatic drive-A Review	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592- 594	2210	+
256	Dey, S; Sain, D; Kumar, A; Kumari, C	A series of ditopic receptors for succinic acid binding	RSC ADVANCES	2014	4	51486	51495
257	Chatterjee, T; Fernandez- Leborans, G; Schizas, NV	Report of Thecacineta calix (Ciliophora: Suctorea) as an epibiont of harpacticoid copepods from Caribbean mesophotic reefs	CARIBBEAN JOURNAL OF SCIENCE	2014	48	44	48

258	Dey, S; Sain, D	Directed molecular recognition: furfurylamine appended ditopic receptor for succinic acid	SUPRAMOLECULAR CHEMISTRY	2014	26	769	776
259	Mishra, DP; Das, SK	Comprehensive Characterization of Pond Ash and Pond Ash Slurries for Hydraulic Stowing in Underground Coal Mines	PARTICULATE SCIENCE AND TECHNOLOGY	2014	32	456	465
260	Pal, S; Jana, PP; Nayek, HP	Mononuclear complexes and a coordination polymer of the 2-pyridylamino ((NHPy)-Py-2) functionalized P(V) ligand	RSC ADVANCES	2014	4	26902	26906
261	Minz, PD; Nirala, AK	Intensity based algorithms for biospeckle analysis	OPTIK	2014	125	3633	3636
262	Dutta, R; Gupta, S; Das, MK	Energy-Aware Mathematical Modeling of Packet Transmission Through Cluster Head from Unequal Clusters in WSN	PROCEEDINGS OF THE SECOND INTERNATIONAL CONFERENCE ON SOFT COMPUTING FOR PROBLEM SOLVING (SOCPROS 2012)	2014	236	1087	1099
263	Singh, M; Raghuwanshi, SK	Microwave generation analysis with higher order dispersion parameters in two cascaded Mach-Zehnder modulators	OPTIK	2014	125	761	771
264	Dohare, YS; Maity, T; Paul, PS; Das, PS	Design of Surveillance and Safety System for underground coal mines based on Low Power WSN	2014 INTERNATIONAL CONFERENCE ON SIGNAL PROPAGATION AND COMPUTER TECHNOLOGY (ICSPCT 2014)	2014		116	119
265	Prasad, A; Kumar, M	Boundedness of Pseudo-Differential Operator Associated with Fractional Fourier Transform	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION A-PHYSICAL SCIENCES	2014	84	549	554
266	Panigrahi, DC; Sahu, P; Mishra, DP; Jha, V; Patnaik, RL	Assessment of inhalation exposure potential of broken uranium ore piles in low-grade uranium mine	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2014	302	433	439

267	Maurya, AK; Mahto, V; Sharma, VP; Laik, S	Study of the Potential of Amino Resin to Control Excessive Water Production in the Indian Oilfields	PETROLEUM SCIENCE AND TECHNOLOGY	2014	32	1443	1447
268	Shit, GC; Majee, S	Hydromagnetic Flow over an Inclined Non-Linear Stretching Sheet with Variable Viscosity in the Presence of Thermal Radiation and Chemical Reaction	JOURNAL OF APPLIED FLUID MECHANICS	2014	7	239	247
269	Chattopadhyay, A; Kumari, P; Sharma, VK	Reflection and Transmission of a Three-Dimensional Plane qP Wave through a Layered Fluid Medium between Two Distinct Triclinic Half-Spaces	INTERNATIONAL JOURNAL OF GEOMECHANICS	2014	14	182	190
270	Vishwakarma, GK; Gangele, RK	A class of chain ratio-type exponential estimators in double sampling using two auxiliary variates	APPLIED MATHEMATICS AND COMPUTATION	2014	227	171	175
271	Datta, S; Singh, NK; Roy, S; Pal, N	Some Studies on Utilization of Human Body Energy with Hybrid Piezoelectric and Thermoelectric Effect	2014 INTERNATIONAL CONFERENCE ON CONTROL, INSTRUMENTATION, ENERGY & COMMUNICATION (CIEC)	2014		191	193
272	Paswan, R; Das, J; Kumar, N; Kumar, A; Mishra, SK; Kumar, S	Performance analysis of directional control valve :an overview	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592-594	1983	1987
273	Jamal, S; Singh, R	Salt and Saffron	ASIAN JOURNAL OF WOMENS STUDIES	2014	20	147	155
274	Pandey, BP; Kumar, V	Structural and Electronic Property Calculations of III-As (III:Ga,In) Semiconductors Using PAW plus U by First Principles	2014 STUDENTS CONFERENCE ON ENGINEERING AND SYSTEMS (SCES)	2014			
275	Goswami, B; Naghma, R; Antony, B	Electron scattering from germanium tetrafluoride	RSC ADVANCES	2014	4	63817	63823
276	Das, NM; Roy, D; Gupta, M;	Structural, Optical and Electrical Properties of CdS-Polyaniline Langmuir-Blodgett Films	SOLID STATE PHYSICS: PROCEEDINGS OF THE	2014	1591	962	964

	Ganesan, V; Gupta, PS		58TH DAE SOLID STATE PHYSICS SYMPOSIUM 2013, PTS A & B				
277	Jain, A; Rizvi, IH; Ghosh, SK; Mukherjee, PS	Analysis of nanofluids as a means of thermal conductivity enhancement in heavy machineries	INDUSTRIAL LUBRICATION AND TRIBOLOGY	2014	66	238	243
278	Vishwakarma, SK; Gupta, S	Rayleigh wave propagation: A case wise study in a layer over a half space under the effect of rigid boundary	ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING	2014	14	181	189
279	Gupta, U	STUDY OF TEMPORAL VARIATION OF VEGETATION INDICES AND PHENOLOGY OF TROPICAL DECIDUOUS BROADLEAF FOREST IN EASTERN INDIA	ISPRS TECHNICAL COMMISSION VIII SYMPOSIUM	2014	40-8	569	572
280	Jana, D; Agrawal, R; Upadhyay, RK	Top-predator interference and gestation delay as determinants of the dynamics of a realistic model food chain	CHAOS SOLITONS & FRACTALS	2014	69	50	63
281	Nath, P; Kumar, C	Mobility Management Scheme for Fixed Mobility Pattern Mobile Users in IPv4 Networks	COMPUTER JOURNAL	2014	57	1893	1911
282	Singh, AK; Kumar, S; Chattopadhyay, A	Effect of irregularity and heterogeneity on the stresses produced due to a normal moving load on a rough monoclinic half-space	MECCANICA	2014	49	2861	2878
283	Durairajan, A; Kavitha, T; Rajendran, A; Kumaraswamidhas, LA	Heat transfer intensification by Nanofluids- an Outline	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	2014	73	711	712
284	Ghosh, M; Paul, SK	DESIGN OF LOSSLESS GROUNDED NEGATIVE INDUCTANCE SIMULATOR USING SINGLE OPERATIONAL TRANSRESISTANCE AMPLIFIER	REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE	2014	59	381	390
285	Prasad, A; Kumar, S	Two variants of fractional powers of Hankel-Clifford transformations and pseudo-differential operators	JOURNAL OF PSEUDO-DIFFERENTIAL OPERATORS AND APPLICATIONS	2014	5	411	454

286	Khandelwal, MK; Kanaujia, BK; Dwari, S; Kumar, S; Gautam, AK	BANDWIDTH ENHANCEMENT AND CROSS-POLARIZATION SUPPRESSION IN ULTRAWIDEBAND MICROSTRIP ANTENNA WITH DEFECTED GROUND PLANE	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	2014	56	2141	2146
287	Chattopadhyay, A; Singh, AK; Dhua, S	Effect of Heterogeneity and Reinforcement on Propagation of a Crack due to Shear Waves	INTERNATIONAL JOURNAL OF GEOMECHANICS	2014	14		
288	Ansari, MA; Khan, PK	Occurrences of damaging earthquakes between the Himachal and Darjeeling Himalayas: Tectonic implications	ACTA GEOPHYSICA	2014	62	699	736
289	Khan, PK; Ansari, MA; Mohanty, S	Earthquake source characteristics along the arcuate Himalayan belt: Geodynamic implications	JOURNAL OF EARTH SYSTEM SCIENCE	2014	123	1013	1030
290	Vishwakarma, SK; Gupta, S; Kundu, S	Torsional Wave Propagation in a Substratum over a Dry Sandy Gibson Half-Space	INTERNATIONAL JOURNAL OF GEOMECHANICS	2014	14		
291	Ermilov, SG; Chatterjee, T; Das, MK; Bordoloi, S	Three new species of oribatid mites of the genus Pergalumna (Acari: Oribatida: Galumnidae) from India	BIOLOGIA	2014	69	489	497
292	Kumar, SR; Kumar, S; Sahu, S; Roy, D; Sharma, SK	Effect of Zn on the Nanofilm of CdS Deposited by Chemical Bath Method in Non-Aqueous Medium	ADVANCED SCIENCE LETTERS	2014	20	686	688
293	Ghosh, A; Hloch, S; Chattopadhyaya, S	CRITICAL ANALYSIS OF MOVING HEAT SOURCE SHAPE FOR ARC WELDING PROCESS OF HIGH DEPOSITION RATE	TEHNICKI VJESNIK- TECHNICAL GAZETTE	2014	21	95	98
294	Pal, PC; Mandal, D	Generation of SH-Type Waves Due to Shearing Stress Discontinuity in a Sandy Layer Overlying an Isotropic and Inhomogeneous Elastic Half- Space	ACTA GEOPHYSICA	2014	62	44	58
295	Das, N; Pal, N; Sadhu, PK	Selection of LED T8 Over CFL T8 for an Efficient Interior Lighting Design	2014 INTERNATIONAL CONFERENCE ON CONTROL, INSTRUMENTATION, ENERGY &	2014		132	136

			COMMUNICATION (CIEC)				
296	Dewangan, S; Chattopadhyaya, S	Discussion On Ranking The Sawability Of Rocks Using A Combined Multiple Attribute Decision Making Method	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592- 594	864	868
297	Paswan, R; Das, J; Kumar, N; Kumar, A; Mishra, SK; Kumar, S	Hydraulic circuit in damper :an overview	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592- 594	2056	2060
298	Kumar, A; Kumar, S; Raghuwanshi, SK	Implementation of XOR/XNOR and AND logic gates by using Mach-Zehnder interferometers	OPTIK	2014	125	5764	5767
299	Singh, GN; Karna, JP	Estimation of Population Mean Under Non Response in Two-Occasion Rotation Patterns	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	2014	43	3429	3442
300	Yadav, R; Upadhyaya, LN; Singh, HP; Chatterjee, S	Improved Ratio and Product Exponential type Estimators for Finite Population Mean in Stratified Random Sampling	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	2014	43	3269	3285
301	Seth, GS; Hussain, SM; Sarkar, S	HYDROMAGNETIC NATURAL CONVECTION FLOW WITH RADIATIVE HEAT TRANSFER PAST AN ACCELERATED MOVING VERTICAL PLATE WITH RAMPED TEMPERATURE THROUGH A POROUS MEDIUM	JOURNAL OF POROUS MEDIA	2014	17	67	79
302	Minz, PD; Nirala, AK	Bio-activity assessment of fruits using Generalized Difference and Parameterized Fujii method	OPTIK	2014	125	314	317
303	Seth, GS; Hussain, SM; Sarkar, S	Hydromagnetic oscillatory Couette flow in rotating system with induced magnetic field	APPLIED MATHEMATICS AND MECHANICS- ENGLISH EDITION	2014	35	1331	1344
304	Kundu, S; Gupta, S; Manna, S; Dolai, P	PROPAGATION OF LOVE WAVE IN FIBER- REINFORCED MEDIUM OVER A NONHOMOGENEOUS HALF-SPACE	INTERNATIONAL JOURNAL OF APPLIED MECHANICS	2014	6		

305	Das, S; Lalla, NP; Okram, GS	Synthesis, characterization and dielectric properties of nanocrystalline nickel	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	2014	52	386	390
306	Kundu, S; Gupta, S; Manna, S	Propagation of G-type seismic waves in heterogeneous layer lying over an initially stressed heterogeneous half-space	APPLIED MATHEMATICS AND COMPUTATION	2014	234	1	12
307	Nath, P; Kumar, C	Adaptive mobility anchor point to reduce regional registration and packets delivery costs	COMPUTERS & ELECTRICAL ENGINEERING	2014	40	1329	1343
308	Anwar, MN; Pan, S	A frequency domain design of PID controller for an AVR system	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS	2014	15	293	299
309	Jha, S; Kumar, S	Comment on 'A compact drain current model of short-channel cylindrical gate-all-around MOSFETs'	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	2014	29		
310	Prasad, A; Singh, VK	Boundedness of pseudo-differential operator associated with fractional Hankel transform	FRACTIONAL CALCULUS AND APPLIED ANALYSIS	2014	17	154	170
311	Vishwakarma, SK; Gupta, S; Verma, AK	Torsional wave propagation in Earth's crustal layer under the influence of imperfect interface	JOURNAL OF VIBRATION AND CONTROL	2014	20	355	369
312	Panda, SK	A Novel Algorithm for List Accessing Problem	2014 SEVENTH INTERNATIONAL CONFERENCE ON CONTEMPORARY COMPUTING (IC3)	2014		154	159
313	Chandravanshi, ML; Mukhopadhyay, AK	MODAL ANALYSIS OF STRUCTURAL VIBRATION	PROCEEDINGS OF THE ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS AND EXPOSITION, 2013, VOL 14	2014			

314	Ghosh, S; Das, N	CAUSE AND EFFECTS OF PERFORMANCE MANAGEMENT IN HIGHER EDUCATIONAL INSTITUTIONS (HEI)	2014 2ND INTERNATIONAL CONFERENCE ON BUSINESS AND INFORMATION MANAGEMENT (ICBIM)	2014			
315	Jannu, S; Jana, PK	Energy Efficient Unequal Clustering and Routing Algorithms for Wireless Sensor Networks	2014 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATIONS AND INFORMATICS (ICACCI)	2014		2091	2097
316	Jannu, S; Jana, PK	Energy Efficient Grid Based Clustering and Routing Algorithms for Wireless Sensor Networks	2014 FOURTH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS AND NETWORK TECHNOLOGIES (CSNT)	2014		63	68
317	Ghosh, SM; Singh, R	Demythologizing Draupadi: A Comparative Study of Saoli Mitra's Nathavati anathavat ("Five Lords, Yet None a Protector") and Teejan Bai's Draupadi cirharan	ARCHIV ORIENTALNI	2014	82	511	+
318	Kumar, A; Poddar, BK; Sinha, SK; Kumari, L	An effective approach for the improvement in efficacy of life saving filter typed safety breathing apparatus	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	2014	91	63	66
319	Nitesh, K; Jana, PK	Relay Node Placement Algorithm in Wireless Sensor Network	SOUVENIR OF THE 2014 IEEE INTERNATIONAL ADVANCE COMPUTING CONFERENCE (IACC)	2014		220	225
320	Vardhana, JH; Naick, BK	Optimization of PV MPPT performance and DC link voltage ripples compensation using a duty cycle modifier	2014 RECENT ADVANCES AND INNOVATIONS IN ENGINEERING (ICRAIE)	2014			

321	Kishorilal, DB; Mukhopadhyay, AK	RELIABILITY ANALYSIS OF OVERHAULED ENGINES OF DUMPERS	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592- 594	1756	1760
322	Chandravanshi, ML; Mukhopadhyay, AK	MODAL ANALYSIS OF A CONTAINER FILLED WITH WATER	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592- 594	2122	+
323	Paswan, R; Das, J; Kumar, N; Kumar, A; Mishra, SK; Kumar, S	Simulation study on different energy efficient hydraulic system: an overview	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592- 594	2234	2238
324	Hasan, ME; Ghoshal, SK; Dasgupta, K	Speed Control of a Hydraulic Motor	DYNAMICS OF MACHINES AND MECHANISMS, INDUSTRIAL RESEARCH	2014	592- 594	2239	+
325	Seth, GS; Hussain, SM; Sarkar, S	Effects of Hall current and rotation on unsteady MHD natural convection flow with heat and mass transfer past an impulsively moving vertical plate in the presence of radiation and chemical reaction	BULGARIAN CHEMICAL COMMUNICATIONS	2014	46	704	718
326	Banka, H; Dara, S	Hamming Distance based Binary PSO for Feature Selection and Classification from high dimensional Gene Expression Data	PROCEEDINGS IWBBIO 2014: INTERNATIONAL WORK-CONFERENCE ON BIOINFORMATICS AND BIOMEDICAL ENGINEERING, VOLS 1 AND 2	2014		507	514
327	Raghuwanshi, SK; Kumar, A	A new semi-analytical method for the analysis of tapered optical waveguides	OPTIK	2014	125	7215	7221
328	Gautam, V; Yadav, VK; Singh, AK; Tiwari, SP	On the Topological Structure of Rough Soft Sets	ROUGH SETS AND KNOWLEDGE TECHNOLOGY, RSKT 2014	2014	8818	39	48

329	Behera, D; Kumar, S; Sinha, RR; Yadav, M	Adsorption Properties and Inhibition of Mild Steel Corrosion in 15% HCl By 3-((1H-indol-3-yl)(4-methoxyphenyl)methyl)-1H-indole:Electrochemical Study	SOLID STATE PHYSICS: PROCEEDINGS OF THE 58TH DAE SOLID STATE PHYSICS SYMPOSIUM 2013, PTS A & B	2014	1591	617	619
330	Roy, D; Das, NM; Gupta, M; Ganesan, V; Gupta, PS	Optical And Surface Morphology Study of Zinc Phthalocyanine Langmuir Blodgett Thin Film	SOLID STATE PHYSICS: PROCEEDINGS OF THE 58TH DAE SOLID STATE PHYSICS SYMPOSIUM 2013, PTS A & B	2014	1591	968	+
331	Mukherjee, D; Parida, SK; Sahu, S; Sharma, S	A Time-dependent Density Functional Study of Photoabsorption in B6O2 Cluster: Effect of Geometry	SOLID STATE PHYSICS: PROCEEDINGS OF THE 58TH DAE SOLID STATE PHYSICS SYMPOSIUM 2013, PTS A & B	2014	1591	1078	1080
332	Jayswal, A; Stancu-Minasian, I; Ahmad, I	Second Order Duality for Minmax Fractional Programming Problem Involving (F,alpha,rho,d)-Type I Functions	BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY	2014	37	893	905
333	Pal, PC; Kumar, S; Mandal, D	WAVE PROPAGATION IN AN INHOMOGENEOUS ANISOTROPIC GENERALIZED THERMOELASTIC SOLID	JOURNAL OF THERMAL STRESSES	2014	37	817	831
334	Suri, Y; Dutt, A; Mandal, A	A Comparative Analysis of Offshore and Onshore Fields Using Derivative and Second Derivative Plot (Without Type Curves)	PETROLEUM SCIENCE AND TECHNOLOGY	2014	32	535	542
335	Mishra, S; Kumar, C	Estimating Development Size and Effort of Business Process Service-Oriented Architecture Applications	2014 2ND INTERNATIONAL CONFERENCE ON SYSTEMS AND INFORMATICS (ICSAI)	2014		1006	1011
336	Gupta, SK; Kuila, P; Jana, PK	(EBFT)-B-3: Energy Efficient and Energy Balanced Fault Tolerance Clustering in Wireless Sensor Networks	2014 INTERNATIONAL CONFERENCE ON CONTEMPORARY COMPUTING AND INFORMATICS (IC3I)	2014		714	719

337	Dutta, R; Gupta, S; Paul, D	Energy Efficient Modified SPIN Protocol with High Security in Wireless Sensor Networks Using TOSSIM	2014 INTERNATIONAL CONFERENCE ON PARALLEL, DISTRIBUTED AND GRID COMPUTING (PDGC)	2014		290	294
338	Vishwakarma, GK; Paul, C	Relation between Foreign institutional investments and Macro-economic factors - a case study	PROCEEDINGS OF 2014 2ND INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL AND BUSINESS INTELLIGENCE (ISCBI)	2014		39	42
339	Kumar, CR; Bhoja, SK; Tripathy, SK; Mohanan, S; Venugopalan, T; Suresh, N	Classification performance evaluation of floatex density separator for coal fines (vol 108, pg 303, 2013)	FUEL	2014	117	1172	1172
340	Jayswal, A; Ahmad, I; Kummari, K; Al-Homidan, S	On minimax programming problems involving right upper-Dini-derivative functions	JOURNAL OF INEQUALITIES AND APPLICATIONS	2014			
341	Nath, P; Kumar, C	Mobility agent based on activity rate of user and adaptive paging for location management in wireless networks	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	2014	25	723	735
342	Yadav, R; Upadhyaya, LN; Singh, HP; Chatterjee, S	A Class of Estimators of Population Variance Using Auxiliary Information in Sample Surveys	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	2014	43	1248	1260
343	Sahay, A; Lebzelter, T; Wood, PR	A Search for Long-Period Variables in Globular Clusters: M22 and IC4499	PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF AUSTRALIA	2014	31		
344	Dey, B; Sarkar, A; Mishra, KK; Banerjee, AK	A simple cost effective method for obtaining intact shell cenospheres from as received one	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	2014	91	331	337
345	Mishra, TK; Tripathi, S	Fair and Reliable Transmission Control Protocol for Ad Hoc Networks	2014 FOURTH INTERNATIONAL	2014		339	342

			CONFERENCE ON ADVANCES IN COMPUTING AND COMMUNICATIONS (ICACC)				
346	Ranjan, P; Gangwar, RK	Four Element Quarter Split Cylindrical Dielectric Resonator Antenna for Wireless Application	2014 IEEE ANTENNAS AND PROPAGATION SOCIETY INTERNATIONAL SYMPOSIUM (APSURSI)	2014		1946	1947
347	Singh, AK; Gangwar, RK; Kanaujia, BK	Cavity Backed Annular Ring Microstrip Antenna Loaded with Concentric Circular Patch	2014 8TH EUROPEAN CONFERENCE ON ANTENNAS AND PROPAGATION (EUCAP)	2014		2155	+
348	Kumari, S; HariOm	Remote Login Password Authentication Scheme using Tangent Theorem on Circle in a Multi- Server Environment	2014 FIRST INTERNATIONAL CONFERENCE ON NETWORKS & SOFT COMPUTING (ICNSC)	2014		76	80
349	Bepari, D; Mitra, D	GA Based Optimal Power Allocation for Underlay Cognitive Radio Networks	2014 INTERNATIONAL CONFERENCE ON ELECTRONICS AND COMMUNICATION SYSTEMS (ICECS)	2014			
350	Jadhav, AR; Bhattacharya, S	A Novel Approach to Wavelet Transform-Based Edge Detection in Wideband Spectrum Sensing	2014 INTERNATIONAL CONFERENCE ON ELECTRONICS AND COMMUNICATION SYSTEMS (ICECS)	2014			
351	Panda, SK; Jana, PK	An Efficient Task Scheduling Algorithm for Heterogeneous Multi-Cloud Environment	2014 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATIONS AND INFORMATICS (ICACCI)	2014		1204	1209

352	Malwe, SR; Biswas, GP	TCA-PCA based Hybrid Code Assignment for Enhancement and Easy Deployability of CDMA Protocol	2014 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATIONS AND INFORMATICS (ICACCI)	2014		1395	1401
353	Singh, D; Kuila, P; Jana, PK	A Distributed Energy Efficient and Energy Balanced Routing Algorithm for Wireless Sensor Networks	2014 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATIONS AND INFORMATICS (ICACCI)	2014		1657	1663
354	Sharma, R; Raghuwanshi, SK	Analysis of Cross Phase Modulation in EDFA based on the Study of Phase & Frequency Chirp	2014 5TH INTERNATIONAL CONFERENCE CONFLUENCE THE NEXT GENERATION INFORMATION TECHNOLOGY SUMMIT (CONFLUENCE)	2014		467	470
355	Bhattacharyya, B; Gupta, VK; Kumar, S	Fuzzy-DE approach for the optimal placement of FACTS devices to relief Congestion in a power system	2014 INTERNATIONAL CONFERENCE ON CONTROL, INSTRUMENTATION, ENERGY & COMMUNICATION (CIEC)	2014		291	295
356	Pal, N; Krishna, SV; Sadhu, PK	Stand Alone Effective Lighting System using Defective Fluorescent Tube Light for Haul Road	2014 INTERNATIONAL CONFERENCE ON CONTROL, INSTRUMENTATION, ENERGY & COMMUNICATION (CIEC)	2014		351	355

357	Jha, S; Saha, J; Kumar, S	Tuning the noise margins of Gate-All-Around MOSFET based inverters through non-circular multichannel architecture	2014 INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRICAL ENGINEERING (ICAEE)	2014			
358	Sharma, DK; Patra, AN; Kumar, C	AODV-OF: An Overhearing Based Reactive Routing Protocol for Mobile Ad Hoc Networks	2014 INTERNATIONAL CONFERENCE ON COMPUTING FOR SUSTAINABLE GLOBAL DEVELOPMENT (INDIACOM)	2014		674	679
359	Kumar, R; Agarwal, U; Sahu, AK; Anand, R	Utility of PSO for power loss minimization in a Power System Network	2014 FIRST INTERNATIONAL CONFERENCE ON AUTOMATION, CONTROL, ENERGY & SYSTEMS (ACES-14)	2014		91	96
360	Pal, N; Kumar, R; Kumar, M	Design of Missile Autopilot using Backstepping Controller	2014 INTERNATIONAL CONFERENCE ON ELECTRONICS, COMMUNICATION AND INSTRUMENTATION (ICECI)	2014			
361	Sinha, D; Das, AB; Dhak, DK; Sadhu, PK	Equivalent Circuit Configuration for Solar PV Cell	PROCEEDINGS OF 2014 1ST INTERNATIONAL CONFERENCE ON NON CONVENTIONAL ENERGY (ICONCE 2014)	2014		58	60
362	Mandal, B; Roy, PK; Mandal, S	Optimal Control Parameters of Controllers in Automatic Generation Control for a two-area Hydro-Hydro System	PROCEEDINGS OF 2014 1ST INTERNATIONAL CONFERENCE ON NON CONVENTIONAL ENERGY (ICONCE 2014)	2014		266	271
363	Bhaskar, DV; Yagnyaseni, N;	Comparison of Control Methods for High Frequency IH Cooking Applications	2014 POWER AND ENERGY SYSTEMS CONFERENCE:	2014			

	Maity, T; Vishwanathan, N		TOWARDS SUSTAINABLE ENERGY				
364	Nayan, A	Reactive Power Planning using PSO with Modified Dynamic Inertia parameter	2014 POWER AND ENERGY SYSTEMS CONFERENCE: TOWARDS SUSTAINABLE ENERGY	2014			
365	Kumari, A; Kumar, S	Analysis of Nanoscale Strained-Si/SiGe MOSFETs including Source/Drain Series Resistance through a Multi-Iterative Technique	2014 27TH INTERNATIONAL CONFERENCE ON VLSI DESIGN AND 2014 13TH INTERNATIONAL CONFERENCE ON EMBEDDED SYSTEMS (VLSID 2014)	2014		427	432
366	Mishra, S; Sharma, U; Kumar, C	A Novel Approach for Computing Dynamic Slices of Web Based Applications	2014 FOURTH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING AND COMMUNICATION TECHNOLOGIES (ACCT 2014)	2014		153	158
367	Mahali, NK; Dwari, S; Saini, RK	Design And Analysis Of Cylindrical Dielectric Resonator Antenna Using Substrate Integrated Waveguide For X-Band Application	2014 FOURTH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING AND COMMUNICATION TECHNOLOGIES (ACCT 2014)	2014		353	358
368	Surabhi; Udayabhanu, G; Suresh, N	Characterization and beneficiation of carbonaceous material in Indian fly ash	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	2014	91	73	80
369	Sharma, SK; Chaudhary, RK	Compact Novel Coaxial Fed Planar Metamaterial Antenna	2014 8TH INTERNATIONAL	2014			

			CONGRESS ON ADVANCED ELECTROMAGNETIC MATERIALS IN MICROWAVES AND OPTICS (METAMATERIALS)				
370	Saha, J; Kumari, A; Jha, S; Kumar, S	On the Voltage Transfer Characteristics (VTC) of some Nanoscale Metal-Oxide-Semiconductor Field-Effect-Transistors (MOSFETs)	PHYSICS OF SEMICONDUCTOR DEVICES	2014		211	214
371	Kabra, S	Comparison of change of creep properties of chromite ore under varying stress and time factor to find their interdependence	ROCK ENGINEERING AND ROCK MECHANICS: STRUCTURES IN AND ON ROCK MASSES	2014		679	682
372	Kumar, S; Kumar, A; Raghuwanshi, SK	Implementation of an Optical AND Gate using Mach-Zehnder Interferometers	OPTICAL MODELLING AND DESIGN III	2014	9131		
373	Panda, SK; Khilar, PM; Mohapatra, DP	FTM2: Fault Tolerant Batch Mode Heuristics in Computational Grid	DISTRIBUTED COMPUTING AND INTERNET TECHNOLOGY, ICDCIT 2014	2014	8337	98	104
374	Amgoth, T; Ghosh, N; Jana, PK	Energy-Aware Multi-level Routing Algorithm for Two-Tier Wireless Sensor Networks	DISTRIBUTED COMPUTING AND INTERNET TECHNOLOGY, ICDCIT 2014	2014	8337	111	121
375	Kumar, G; Rani, P; Biswas, GP	Modification of AODV for Enhanced Data Delivery	2014 14th International Symposium on Communications and Information Technologies (ISCIT)	2014		70	74
376	Handa, M; Kumar, S; Bhasin, H; Kanaujia, BK; Dwari, S	Analysis of Threshold Voltage Variation using Stacked-FET Power Amplifiers	2014 9TH INTERNATIONAL CONFERENCE ON INDUSTRIAL AND	2014		217	220

			INFORMATION SYSTEMS (ICIIS)				
377	Kumar, A; Singh, RR; Priye, V	Instantaneous Microwave Frequency Measurement Using Dual Drive Mach-Zehnder Modulator	2014 9TH INTERNATIONAL CONFERENCE ON INDUSTRIAL AND INFORMATION SYSTEMS (ICIIS)	2014		587	589
378	Bhasin, H; Handa, M; Kumar, S; Kanaujia, BK; Dwari, S	Optimization of Noise Figure and Gain of a CMOS RF Low Noise Amplifier	2014 9TH INTERNATIONAL CONFERENCE ON INDUSTRIAL AND INFORMATION SYSTEMS (ICIIS)	2014		951	954
379	Mandal, B; Roy, PK; Mandal, S	Hybridization of Particle Swarm Optimization with Biogeography-Based Optimization for Reactive Power and Voltage Control	2014 FOURTH INTERNATIONAL CONFERENCE OF EMERGING APPLICATIONS OF INFORMATION TECHNOLOGY (EAIT)	2014		34	39
380	Kumar, PS; Vishwanathan, N; Murthy, BK; Bhaskar, DV	Class-D/E Resonant Inverter for Multiple-Load Domestic Induction Cooking Appliances	2014 IEEE 6th India International Conference on Power Electronics (IICPE)	2014			
381	Mahato, B; Thakura, PR; Jana, KC	Hardware Design and Implementation of Unity Power Factor Rectifiers using Microcontrollers	2014 IEEE 6th India International Conference on Power Electronics (IICPE)	2014			
382	Abdelsalam, HA; Abdelaziz, AY; Mukherjee, V	Optimal PMU Placement in a Distribution Network Considering Network Reconfiguration	2014 IEEE INTERNATIONAL CONFERENCE ON CIRCUIT, POWER AND COMPUTING TECHNOLOGIES (ICCPCT-2014)	2014		191	196

383	Kumar, R; Das, S	A Modified Approach to Both Conventional and ANN Based SVPWM Controllers for Voltage Fed Inverter in Sensorless Vector Control IM Drive	2014 IEEE INTERNATIONAL CONFERENCE ON POWER ELECTRONICS, DRIVES AND ENERGY SYSTEMS (PEDES)	2014			
384	Sharma, SK; Gupta, A; Chaudhary, RK	Compact CPW-Fed CHSSR Antenna for WLAN	2014 IEEE INTERNATIONAL MICROWAVE AND RF CONFERENCE (IMARC)	2014		115	117
385	Srivastava, G; Dwari, S; Kanuijia, BK	A Compact 4x4 Ultrawideband(UWB) Band Notched MIMO Antenna	2014 IEEE INTERNATIONAL MICROWAVE AND RF CONFERENCE (IMARC)	2014		198	200
386	Saha, B; Patel, V; Chaterjee, K	Assessment of Process Parameter to Improving power Plant Performance	2014 INNOVATIVE APPLICATIONS OF COMPUTATIONAL INTELLIGENCE ON POWER, ENERGY AND CONTROLS WITH THEIR IMPACT ON HUMANITY (CIPECH)	2014		441	446
387	Kumar, S; Bhattacharya, S; Patel, P	A New Pitch Detection Scheme Based on ACF and AMDF	2014 INTERNATIONAL CONFERENCE ON ADVANCED COMMUNICATION CONTROL AND COMPUTING TECHNOLOGIES (ICACCCT)	2014		1235	1240
388	Agarwal, S; Sinha, SK	Data Mining based Pervasive System Design for Intensive Care Unit	2014 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI)	2014			

389	Murmu, L; Das, S	A Simple Wideband Microstrip Bandstop Filter for WLAN and WiMAX Band Rejection Purpose	2014 INTERNATIONAL CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (ICECE)	2014		47	49
390	Pal, B; Dwari, S	Three-order Microstrip Bandpass Filter with Two Transmission Zeros for WLAN/WiMAX Applications	2014 INTERNATIONAL CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (ICECE)	2014		58	60
391	Panda, SK; Agrawal, P; Mohapatra, DP	Intermediate Mode Scheduling in Computational Grid	2014 INTERNATIONAL CONFERENCE ON GREEN COMPUTING COMMUNICATION AND ELECTRICAL ENGINEERING (ICGCCEE)	2014			
392	Prasad, H; Singh, VK; Maity, T	Transformer less voltage regulator	2014 INTERNATIONAL CONFERENCE ON GREEN COMPUTING COMMUNICATION AND ELECTRICAL ENGINEERING (ICGCCEE)	2014			
393	Jaiswal, P; Kumar, A; Tripathi, S	Design of Secure Group Key Agreement Protocol using Elliptic Curve Cryptography	2014 INTERNATIONAL CONFERENCE ON HIGH PERFORMANCE COMPUTING AND APPLICATIONS (ICHPCA)	2014			
394	Kumari, S; Om, H	Remote Login Password authentication Scheme based on Cuboid Using Biometric	2014 INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY (ICIT)	2014		190	194
395	Jha, A; Gupta, K; Sen, M	M2M Communication System for Networked Robots with Low Memory Footprint	2014 INTERNATIONAL CONFERENCE ON INFORMATION	2014		310	316

			TECHNOLOGY SYSTEMS AND INNOVATION (ICITSI)				
396	Panda, SK; Nag, S; Jana, PK	A Smoothing Based Task Scheduling Algorithm for Heterogeneous Multi-Cloud Environment	2014 INTERNATIONAL CONFERENCE ON PARALLEL, DISTRIBUTED AND GRID COMPUTING (PDGC)	2014		62	67
397	Panda, SK; Jana, PK	An Efficient Energy Saving Task Consolidation Algorithm for Cloud Computing Systems	2014 INTERNATIONAL CONFERENCE ON PARALLEL, DISTRIBUTED AND GRID COMPUTING (PDGC)	2014		262	267
398	Patel, V; Saha, B; Chatterjee, K	Fuel Saving in Coal-fired Power Plant with Augmentation of Solar Energy	2014 INTERNATIONAL CONFERENCE ON POWER, CONTROL AND EMBEDDED SYSTEMS (ICPCES)	2014			
399	Maity, T; Prasad, H; Babu, VR	Study of the suitability of recently proposed Quasi Z-source Inverter for wind power conversion	2014 INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY RESEARCH AND APPLICATION (ICRERA)	2014		837	841
400	Naseem, M; Kumar, C	Distributed bandwidth guarantee using Multi-path routing protocol in Mobile Ad Hoc Network	2014 International Conference on Science Engineering and Management Research (ICSEMR)	2014			
401	Dutta, R; Gupta, S; Das, MK	Modified Gossip Protocol in Wireless Sensor Networks Using Chebyshev Distance and Fuzzy Logic	ADVANCES IN SIGNAL PROCESSING AND INTELLIGENT RECOGNITION SYSTEMS	2014	264	391	401
402	Singh, AP; Tiwari, SP	F-TRANSFORM BASED ON GENERALIZED RESIDUATED LATTICES	DECISION MAKING AND SOFT COMPUTING	2014	9	720	725

403	Rajak, DK; Kumaraswamidhas, LA; Das, S	An energy absorption behaviour of foam filled structures	INTERNATIONAL CONFERENCE ON ADVANCES IN MANUFACTURING AND MATERIALS ENGINEERING (ICAMME 2014)	2014	5	164	172
404	Kumari, A; Rai, VK	Tm ³⁺ -Yb ³⁺ Codoped Lithium-Titanate Tellurite Glasses	INTERNATIONAL CONFERENCE ON ADVANCES IN MANUFACTURING AND MATERIALS ENGINEERING (ICAMME 2014)	2014	5	734	738
405	Dewangan, S; Chattopadhyaya, S; Hloch, S	Investigation Into Coal Fragmentation Analysis by Using Conical Pick	INTERNATIONAL CONFERENCE ON ADVANCES IN MANUFACTURING AND MATERIALS ENGINEERING (ICAMME 2014)	2014	5	2411	2417
406	Temani, M; Agarwal, R; Kohli, R; Sen, M	Smart Approach to Traffic Management using LabVIEW	PROCEEDINGS FIFTH INTERNATIONAL CONFERENCE ON INTELLIGENT SYSTEMS, MODELLING AND SIMULATION	2014		68	71
407	Das, N; Pal, N	Thermal Impact on LED based Solar PV Cell	PROCEEDINGS ON 2014 2ND INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGY TRENDS IN ELECTRONICS, COMMUNICATION AND NETWORKING (ET2ECN)				