

LIST OF RESEARCH PUBLICATIONS – 2008

S.No.	Author(s)	Title of the Publication	Journal	Vol	Pages
1.	Dubey B., Dubey Uma S. and Banerjee S.	Modelling the Interaction Between Avascular Cancerous Cells and Acquired Immune Response	Journal of Biological Systems	16	337 – 356
2.	Shukla J. B., Sharma S., Dubey B., and Sinha P.,	Modeling the Survival of a Resource Dependent Population: Effects of Toxicants (Pollutants) Emitted from External Sources as well as Formed by its Precursors	Nonlinear Analysis : Real World Applications	10	54-70
3.	Aseri, G.K., Jain N., Panwar, J., Rao, A.V. and Meghwal, P.R	Biofertilizers Improve Plant Growth, Fruit Yield, Nutrition, Metabolism and Rhizosphere Enzyme Activities of Pomegranate (Punica Granatum L.) in Indian Thar Desert	Scientia Horticulture	117	130-135
4.	Verma, N., Tarafdar, J.C., Srivastava, K.K. and Panwar, J	Arbuscular Mycorrhizal (AM) Diversity in Prosopis Cineraria (L.) Druce Under Arid Agroecosystems	Agricultural Sciences in China	7	101-105
5.	Maharana, Surya Kanta	Revisiting Sankara's Metaphysics	Sadvidya Journal of Research in Sanskrit	1	55-75
6.	Meenakshi Raman and K.N. Sachdev	Educators in Higher Education Institutions: A Sketch for Normative Codification	University News	45	1-3
7.	T.V.V.L.N. Rao and K. Athre	Control of the Stability of Flexible Rotor Supported on Journal Bearings	Advances in Vibration Engineering	7	275 – 281
8.	M. Parveen and T.V.V.L.N. Rao	Pricing, Investment and Order Quantity Decisions in Collaboration Between a Manufacturer and a Retailer	International Journal of Business Innovation and Research	2	141 – 176
9.	M. Parveen and T.V.V.L.N. Rao	Managing Quality Improvement, Setup Cost and Lead Time Reductions in a Just-in-Time Integrated Inventory Model	International Journal of Information Systems and Change Management	3	147 – 156

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10.	S.K. Saha, P. Purkayastha, and A.B. Das	Photophysical Characterization and Effect of PH on the Twisted Intramolecular Charge Transfer Fluorescence of Trans-2-[4-(Dimethylamino)Styryl] Benzothiazole	Journal of Photochemistry and Photobiology	195	368-377
11.	A. Chakrabarty, P. Purkayastha, and N. Chattopadhyay	Laser Induced Optoacoustic Spectroscopy of Benzil: Evaluation of Structural Volume Change upon Photoisomerization	Journal of Photochemistry and Photobiology	198	256-261
12.	S.S. Jaffer, M. Sowmiya, S.K. Saha, and P. Purkayastha	Defining the Different Phases of Premicellar Aggregation Using the Photophysical Changes of a Surface Probing Compound	Journal of Colloid Interface Science	325	236-242
13.	S.S. Jaffer, S.K. Saha, G. Eranna, A.K. Sharma, and P. Purkayastha	Intramolecular Charge Transfer Probe Induced Formation of β -Cyclodextrin Nanotubular Suprastructures: a Concentration Dependent Process	Journal of Physical Chemistry C	112	11199-11204
14.	S.K. Saha, P. Purkayastha, A.B. Das, and S. Dhara	Excited State Isomerization and Effect of Viscosity and Temperature Dependent Torsional Relaxation on TICT Fluorescence of Trans-2-[4-(Dimethylamino) Styryl]Benzothiazole	Journal of Photochemistry and Photobiology	199	179-187
15.	Maiti, D. K., Gupta, S., and Bhattacharyya	Stable/Unstable Stratification in Thermosolutal Convection in a Square Cavity	Journal of Heat Transfer	130	122001-122010
16.	Ramamoorthy R., Radhakrishnan M. and Borah M.	Anti-Depressant-Like Effects of Serotonin Type-3 Antagonist, Ondansetron: An Investigation in Behaviour-Based Rodent Models	Behavioural Pharmacology	19	29-40

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17.	Dalip Kumar, Gautam Patel, Braja G. Mishra, Rajender S. Varma	Eco-Friendly Polyethylene Glycol Promoted Michael Addition Reactions of α,β -Unsaturated Carbonyl Compounds	Tetrahedron Letters	49	6974-6976
18.	Dalip Kumar, Swapna Sundaree, Gautam Patel, V.S. Rao	A Facile Synthesis of Naturally Occurring 5-(3-Indolyl)- Oxazoles	Tetrahedron Letters	49	867-869
19.	Sushil Kumar and B.V.Babu	Propionic Acid Production via Fermentation Route Using Renewable Sources	Chemical Industry Digest		76-81
20.	Sushil Kumar, Kailas L Wasewar and B V Babu	Intensification of Nicotinic Acid Separation Using Organophosphorus Solvating Extractants: Extraction Equilibria	Chemical Engineering Technology	11	1-8
21.	Sushil Kumar and B V Babu	Intensification for Separation of Carboxylic Acids from Fermentation Broths Using Reactive Extraction	Journal of Future Engineering Technology	3	21-28
22.	Rout, B.K., and Mittal, R.K	Parametric Design Optimization of 2-DOF RR Planar Manipulator-a Design of Experiment Approach	Robotics and Computer Integrated Manufacturing	24	239-248
23.	Rout, B.K., and Mittal, R.K.	Optimal Manipulator Parameter Tolerance Selection Using Evolutionary Optimization Technique	Engineering Applications of Artificial Intelligence	21	509-524
24.	Manjuri K. Koley, Seshadri C. Sivasubramanian, Babu Varghese, Periakaruppan T. Manoharan, Aditya P. Koley	Synthesis and Characterization of Two Stable Paramagnetic Octahedral Chromium(IV) Complexes With Dianionic Tridentate SNO Donor Ligands and of a Chromium(III) Complex With a ONO Donor Ligand	Inorganica Chimica Acta	361	1485-1495
25.	Arya Kumar	Credit Risk Modelling Through Distance to Default	Business Perspectives	9	31-39
26.	Arya Kumar	Indian Banking – Issues and Challenges - Emerging Scenario	IME Journal	2	49-54

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27.	Arya Kumar	Entrepreneurial Opportunities in a Knowledge Economy	DARE – Because Entrepreneurs Do	2	46-47
28.	Digalwar, A.K. and Sangwan, K.S.	Evaluation of World Class Manufacturing Systems: a Case of Indian Automotive Industries	International Journal of Services and Operations Management	4	687-708
29.	Rakesh Choubisa and K K Sud	New Geometry for the Quasi-Binary Incident Electron-Centre of Mass Collision in (E, 3e) Process on He	Journal of Physics B	41	35202-35212
30.	Singh, S. B	Strength of CFRP Stirrups and Design Approach	Indian Concrete Journal	82	11-17
31.	S. B. Singh and S. Madappa Vigneasuva Raja	A Review of Innovative Engineered Cementitious Composites for Construction	Civil Computing Magazine	35	42-45
32.	Anupam Singhal, Satya Prakash and V.K. Tewari	Characterization of Stainless Steel Pickling Bath Sludge and its Solidification/Stabilization	Building and Environment	43	1010 - 1015
33.	Anupam Singhal, Satya Prakash and V.K. Tewari	Utilization of Treated Spent Liquor Sludge With Fly Ash in Cement and Concrete	Building and Environment	43	991 - 998
34.	S Ghosh and H O Bansal	Selecting the Exact Location of a Substation Using Knowledge-Based Expert Systems	The ICFAI University Journal of Computational Mathematics	1	41-52
35.	Sangwan RS, Sangwan NS, Sharma PK, Chaurasiya ND, Mishra SK, Tyagi BR and Srivastava AK	Carbonate Extraction Process for Proteomic Profiling of Rose-Scented Geranium (Pelargonium Sp), a Hyper-Acidic Plant	Phytochemical Analysis	19	104-115
36.	Brandt SM, Jaramillo-Gutierrez G, Kumar S, Barillas-Mury C, Schneider DS.	Use of a Drosophila Model to Identify Genes Regulating Plasmodium Growth in the Mosquito	Genetic	180	1671-1678
37.	Molina-Cruz a, DeJong RJ, Charles B, Gupta L, Kumar S, Jaramillo-Gutierrez G, Barillas-Mury C.	Reactive Oxygen Species Modulate Anopheles Gambiae Immunity Against Bacteria and Plasmodium	Journal of Biological Chemistry	283	3217-3223
38.	B. Dubey, Uma S. Dubey and Sandeep Banerjee	Modeling the Interaction Between Avascular Cancerous Cells and Acquired Immunity	Journal of Biological Systems	16	1-20

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39.	Jhanjaria a, Kapur S, Agrawal RP, Kapoor M, Sharad S, Dube U, Mohta N, Kochar DK	First Study of Aryl Hydrocarbon Nuclear Translocator Gene in Indians: Correlation With Resistance to Diabetes in Raika Community	Diabetes Research and Clinical Practice	82	21-22
40.	Manav kapoor, Shashwat Sharad, Anoop Saraya, M. Vaswani and Suman Kapur	Single Nucleotide Polymorphism in the Genes Encoding for Various Alcohol Metabolizing Enzymes: Correlation with Alcohol Induced Tissue Specific Damage	Alcoholism	32	148-152
41.	M. Vaswani and Suman Kapur	The Importance of ALDH ₂ and ALDH ₃ Loci for Alcohol Dependence Among Indian Alcoholics	Alcoholism	32	280-285
42.	Praveen MR, Rajkumar S, Devarshi Gajjar, Abhay R. Vasavada, Bhagwat Alapure, Dhara Patel, Suman Kapur	Activity of Superoxide Dismutase Isoenzymes in Lens Epithelial Cells Derived from Different Types of Age-Related Cataracts	Journal of Cataract and Refractive	34	470-474
43.	Bhupendra Kumar Sharma	Hydromagnetic Unsteady Mixed Convection and Mass Transfer Flow Past a Vertical Porous Plate Immersed in a Porous Medium With Hall Effect	Engineering Transactions	56	3-23
44.	Bhupendra Kumar Sharma	Three-Dimensional Unsteady Mixed Convection and Mass Transfer Flow With Periodic Temperature	Dirasat	35	9-23
45.	Bhupendra Kumar Sharma	Unsteady Natural Convection Flow Past a Vertical Surface in a Rotating Porous Medium With Variable Permeability	Bulletin of Calcutta Mathematical Society	100	491-500
46.	Bhupendra Kumar Sharma	the Application of Smart-AGE Algorithm for the Numerical Treatment of Linear Singular Fredholm Integro-Differential Equations	Journal of Rajasthan Academy of Physical Sciences	7	63-70

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47.	Bhupendra Kumar Sharma	Radiation Effect on Steady Free Convective Flow Along a Uniform Moving Porous Vertical Plate in Presence of Heat Source/Sink and Transverse Magnetic Field	Bulletin of Calcutta Mathematical Society	100	529-538
48.	Bhupendra Kumar Sharma	High Order Numerical Discretization of Nonlinear Singular Fredholm Integro-Differential Equations Using Parallel SMAGE Solver	Journal of Rajasthan Academy of Physical Sciences	7	227-232
49.	Regalla Srinivasa Prakash, Rohini B. C., Maheshwar Reddy and Souri Banerjee	Theoretical Modeling of Thickness Variation in Laser Chemical Vapor Deposition (LCVD) Manufacturing of a Flat Thin Film	The ICFAI University Journal of Mechanical Engineering	1	48-58
50.	Regalla Srinivasa Prakash, Arnab Jyoti Ghosh, Amit Kumar Singh, P. K. Pakala and P. V. M. Rao	Numerical Slicing and Optimum Hatching of Parametric B-Rep Solids in Layered Manufacturing	International Journal of Computer Aided Engineering and Technology	1	105-124
51.	C. B. Das and S. Das Gupta	Exploring the Latticegas Model for Isoscaling	Nuclear Physics	812	149-157
52.	Sanghamitra Kundu, A.K. Gupta	Immobilization and Leaching Characteristics of Arsenic from Cement and/or Lime Solidified /Stabilized Spent Adsorbent Containing Arsenic	Journal of Hazardous Materials	153	434–443
53.	CB Gupta	An Inventory Model for Deteriorating Items under FIFO Dispatching Policy with Two Ware- House and Time Dependent Demand	Ganit Sandesh	22	47 – 62
54.	D. M. Kulkarni, Vikas Chaudhary, Ravi Prakash and A. N. Kumar	Effect of Thickness on Fracture Criterion in General Yielding Fracture Mechanics	International Journal of Fracture	151	187-198
55.	B.V.Prabhu	Educating Manufacturing Managers to Management	CURIE	1	75-83
56.	B. Vittaldas Prabhu, Ramesh D, Amar Surekha, Arun J Holla, K. M Patel	Value Stream Mapping of Truck Operations - A Case Study	South Asian Journal of Management	15	107-115

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57.	Sajeev Chandran, Archana Roy, Ranendra N. Saha	Effect of pH and Formulation Variables on in vitro Transcorneal Permeability of Flurbiprofen: A Technical Note	AAPS Pharmscitech	9	1031-1037
58.	Archana Roy, Daisy Yohannan, K. Lalitha, Ranendra N. Saha	Development of Rapid Ultraviolet Spectrophotometric Methods for Estimation of Celecoxib and Acyclovir in Formulations	Indian Journal of Pharmaceutical Education	42	215-221
59.	Laila Fatima Ali Asghar, Sajeev Chandran	Design of Novel Matrices of Eudragit with Polycarbophil and Carbopol for Colon Specific Delivery	Journal of Drug Targeting	16	741-757
60.	Sajeev Chandran, Punna Rao Ravi, Pravin R. Jadhav, Ranendra N. Saha	Simple Rapid Validated LC Method for the Estimation of Nimesulide in Human Serum and its Application in Bioavailability Studies	Analytical Letters	41	2437-2451
61.	Laila F. A. Asghar and Sajeev Chandran	Design and Evaluation of pH Modulated Controlled Release Matrix Systems for Colon Specific Delivery of Indomethacin	Pharmazie	63	736-742
62.	Sajeev Chandran, Ranendra N. Saha	Simple Rapid Validated RP-LC Method for the Estimation of Flurbiprofen in Rabbit Serum and Aqueous Humor	Analytical Letters	41	1318-1334
63.	V.K. Chaubey	Modeling and Simulation of all Optical Intelligent Routed Networks under Traffic Control Protocols	Asian Journal of Physics	17	245-252
64.	Vidya Rajesh, Vijay Kumar Singamsetti, Vidya S, Gowrishankar M, Elamaran M, Jyotsna Tripathi, N.B. Radhika, Dhanpat Kochar, Akash Ranjan, S.K.Roy, Ashis Das	Plasmodium Falciparum : Genetic Polymorphism in Apical Membrane Antigen – 1 Gene from Indian Isolates	Experimental Parasitology	119	144-151
65.	M. Bera, A. B. S. Curtiss, G. T. Musie and D. R. Powell	A New Self-Assembled \square_6 -Sulphato Hexa-Nuclear Cobalt (II) Complex of a Symmetric Dinu- Cleating Ligand: Synthesis and X-Ray Structural Analysis	Inorganic Chemistry Communications	11	1033-1036

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66.	A.B. S. Curtiss, M. Bera, D. R. Powell and G. T. Musie	Synthesis and Characterization of a New Mono- and Hexanuclear μ_6 -Sulphato Zinc(II) Complexes of a Symmetric Dinucleating Ligand	Dalton Transactions	20	2717-2724
67.	X. Li, M. Bera, G. T. Musie and D. R. Powell	Copper (II) Promoted Imidazolidine Ring Formation and Complexation: A Unique Reaction Course	Inorganica Chimica Acta	361	1965-1972
68.	M. Bera, G. T. Musie and D. R. Powell	Zinc (II) Mediated Cyclization and Complexation of an Unsymmetrical Dicarboxyamine Ligand: Synthesis, Spectral and Crystal Structures Characterizations.	Inorganic Chemistry Communications	11	293-299
69.	N. Rajesh, G. Gurulakshmanan	Solid Phase Extraction and Spectrophotometric Determination of Mercury by Adsorption of its Diphenylthiocarbazonium Complex on an Alumina Column	Spectrochimica Acta	69	391-395
70.	N. Rajesh, B.G. Mishra, Pawan kumar Pareek	Solid Phase Extraction of Chromium (VI) from Aqueous Solutions by Adsorption of its Diphenylcarbazide Complex on a Mixed Bed Adsorbent nite-Silica Gel Column	Spectrochimica Acta	69	612-618
71.	N. Rajesh, Rohit Kumar Jalan, Pinky Hotwany	Solid Phase Extraction of Chromium (VI) from Aqueous Solutions by Adsorption of its Diphenylcarbazide Complex on an Amberlite XAD-4 Resin Column	Journal of Hazardous Materials	150	723-727
72.	N. Rajesh, G. Manikandan	Solid Phase Extraction of Lead by Adsorption of its Diphenylthiocarbazonium Complex on an Amberlite XAD-1180 Column	Spectrochimica Acta	70	754-757
73.	N. Rajesh, Vikas Agarwal, S. Aarthy	Solid Phase Extraction of Chromium by Adsorption of its DPC Complex on an Alumina Column	The Canadian Journal of Chemical Engineering	86	72-76

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74.	R. Srinivasan, B. Chavillon, C. D. Brochard, L. Cario, M. Paris, E. Gautron, P. Deniard, F. Odobel, S. Jobic	Tuning the Size and Color of the P-Type Wide Band Gap Delafossite Semiconductor $CuGaO_2$ with Ethylene Glycol assisted Hydrothermal Synthesis	Journal of Materials Chemistry	18	5647-5653
75.	Ghosalkar A, Sahai V., Srivastava A.	Secretory Expression of Interferon Alpha 2b in Recombinant <i>Pichia Pastoris</i> using Three Different Secretion Signals	Protein Expression and Purification	60	103-109
76.	Ghosalkar A, Sahai V., Srivastava A.	Optimization of Chemically Defined Medium for Recombinant <i>Pichia Pastoris</i> for Maximum Biomass Production	Bioresource Technology	99	7906-7910.
77.	I. Sreedhar, K. S. Reddy, M. Ramakrishna, S. J. Kulkarni and K. V. Raghavan	Studies on Para-Selectivity and Yield Enhancement in Zeolite Catalyzed Toluene Nitration	Canadian Journal of Chem Engg	86	219-227
78.	K. S. Reddy, I. Sreedhar, M. Ramakrishna, S. J. Kulkarni and K. V. Raghavan	Optimization of Vapor Phase Pyridine Synthesis Hindered by Rapid Catalyst Deactivation	International Journal of Chemical Reactor Engineering	6	A29-A30
79.	K. S. Reddy, I. Sreedhar and K. V. Raghavan	Interrelationship of Process Parameters in Vapor Phase Pyridine Synthesis	Applied Catalysis: A	339	15-20
80.	K. S. Reddy, I. Sreedhar and K. V. Raghavan	Behaviour of Deactivating HZSM-5 with varying Al ³⁺ Content in Vapor Phase Aminocyclization	Catalysis Letters	125	10-15
81.	Chittaranjan Hota, Sanjay Jha, and G. Raghurama	Adaptive Bandwidth Management and QOS Provisioning in IPVPNS	International Journal of Computers and Applications	30	142-150
82.	G.Geethakumari, Atul Negi and V N Sastry	RBGDM-A Role based Grid Delegation Model	International Journal of Computer Science and Security	2	61-72

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83.	R.R. Kumar, S. Perumal, P. Senthil Kumar, P. Yogeeswari, D. Sriram.	Discovery of Antimycobacterial Spiro-Piperidin-4-Ones: An Atom Economic, Stereoselective Synthesis, and Biological Intervention	Journal of Medicinal Chemistry	51	5731-5735
84.	M. Dinakaran, P. Senthilkumar, P. Yogeeswari, A. China, V. Nagaraja, D. Sriram.	Novel Ofloxacin Derivatives: Synthesis, Antimycobacterial and Toxicological Evaluation	Bioorganic Medicinal Chemistry Letters	18	1229-1236
85.	P. Yogeeswari, J.V. Ragavendran, D. Sriram, R. Kavya, K. Vanitha, H. Neelakantan	Newer N-phthaloyl GABA Derivatives with Antiallodynic and Antihyperalgesic Activities in Both Sciatic Nerve and Spinal Nerve Ligation Models of Neuropathic Pain	Pharmacology	81	21-31
86.	D. Sriram, P. Yogeeswari, M. Dinakaran, M. Sowmya	Synthesis, Anti-HIV and Antitubercular Activities of Nelfinavir Diester Derivatives	Biomedicine Pharmacotherapy	62	1-5
87.	P. Senthilkumar, M. Dinakaran, D. Banerjee, R.V. Devakaram, P. Yogeeswari, A. China, V. Nagaraja, D. Sriram.	Synthesis and Antimycobacterial Evaluation of Newer 1-Cyclopropyl-1,4-Dihydro-6-Fluoro-7-(Substituted Secondary Amino)-8-Methoxy-5-(Sub)-4-Oxoquinoline-3-Carboxylic Acids	Bioorganic Medicinal Chemistry	16	2558-2569
88.	M. Dinakaran, P. Senthilkumar, P. Yogeeswari, A. China, V. Nagaraja, D. Sriram.	Antimycobacterial Activities of Novel 2-(Sub)-3-Fluoro/Nitro-5,12-Dihydro-5-Oxobenzothiazolo[3,2-a]Quinoline-6-Carboxylic Acid	Bioorganic Medicinal Chemistry	16	3408-3418
89.	M. Dinakaran, P. Senthilkumar, P. Yogeeswari, A. China, V. Nagaraja, D. Sriram	Antimycobacterial and Phototoxic Evaluation of Novel 6-Fluoro/Nitro-4-Oxo-7-(Sub)-4H-[1,3]Thiazeto[3,2-a]Quinoline-3-Carboxylic Acid	International Journal of Antimicrobial Agents	31	337-344
90.	M. Dinakaran, P. Senthilkumar, P. Yogeeswari, A. China, V. Nagaraja, D. Sriram.	Synthesis, Antimycobacterial Activities and Phototoxic Evaluation of 5H-Thiazolo[3,2-a]Quinoline-4-Carboxylic Acid Derivatives	Medicinal Chemistry	4	482-491

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91.	L. Sebastian, A. Desai, M.N. Shampur, P. Yogeewari, D. Sriram, Vasanthapuram R.	N-Methylisatin-Beta-Thiosemicarbazone Derivative (SCH 16) is An Inhibitor of Japanese Encephalitis Virus Infection in Vitro and in Vivo	Virology Journal	5	64-72
92.	Mui, S; Ramaswamy, K and Hayes, S. E.	Physical Insights from a Penetration Depth Model of Optically-Pumped NMR	Journal of Chemical Physics	128	52303-52306
93.	Hayes, S. E.; Mui, S; Ramaswamy, K	Optically-Pumped NMR of Semiconductors	Journal of Chemical Physics	128	52203-52208
94.	S. Paul, D. Paul, T. Basova and a. K. Ray,	Studies of Adsorption and Viscoelastic Properties of Proteins Onto Liquid Crystal Phthalocyanine Surface Using Quartz Crystal Microbalance With Dissipation Technique	Journal of Physical Chemistry C	112	11822-11826
95.	S. Paul, J. M. Stokes, D. Paul and I. Ichinose, Special Issue in	Bio-Detection of Dipeptides by ZrO ₂ /PVA/Cyt.C Multi-Layer Film	Journal of Nanoscience and Nanotechnology	8	1-3
96.	Soni, G. and Kodali, R.	Evolution of Supply Chain Management: Developments in Academia and Industry	The ICFAI University Journal of Supply Chain Management	5	7-41
97.	Pushp Lata	Public Speaking: An Empowerment Tool for Managers and Technocrats	Journal of Communication Today	6	13-20
98.	Priyanka Bagaria and Ram Kinkar Roy	Correlation of Global Electrophilicity with Activation Energy in Single Step Concerted Reaction	Journal of Physical Chemistry A	112	97-105
99.	Soumen Saha and Ram Kinkar Roy	N- dependence Problem of Local Hardness Parameter	Physical Chemistry Chemical Physics	10	5591-5595
100.	Anil Kumar, I Ahmad, MS Rao	Ytterbium Triflate Catalyzed Synthesis of Calix[4]pyrroles in Ionic Liquids	Canadian Journal of Chemistry	86	899-902

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101.	S Penugonda, Anil Kumar, HK Agarwal, K Parang, R Mehvar	Synthesis and in vitro Characterization of Novel Dextran-methyl prednisolone Conjugates with Peptide Linkers: Effects of Linker Length on Hydrolytic and Enzymatic Release of Methyl Prednisolone and its Peptidyl Intermediates	Journal of Pharmaceutical Sciences	97	2649-2664
102.	Charde, S.Y., Mudgal, M., Kumar, L., Saha, R.N.	Development and Evaluation of Buccoadhesive Controlled Release Tablets of Lercanidipine	AAPS PharmSciTech	9	1055-1057
103.	Rajkumar, R., Mahesh R	Assessing the Neuronal Serotonergic Target based Antidepressant Stratagem: Impact of <i>in vivo</i> Interaction Studies and Knockout models	Current Neuropharmacol	6	215-234
104.	Pandey D.K., Ramamoorthy R., Mahesh, R., Radha R.	Depressant-like Effects of Parthenolide in Rodent Behavioural Anti-depressant Test Battery	Journal of Pharmacy and Phamacology	60	1643-1650
105.	Wejnert, Barbara, Steinmetz, Suzanne and Nirupama Prakash	Safe Motherhood in a Globalized World	Marriage & Family Review	44	2-3
106.	Wejnert, Barbara, Steinmetz, Suzanne and Nirupama Prakash	Conceptual Framework for Integrating Holistic Perspectives and Approaches to Problems of Safe Motherhood	Marriage & Family Review	44	141-153
107.	Prakash, Nirupama	Training Camp on Safe Motherhood in Rural India : A Research Note	Marriage & Family Review	44	389-395
108.	Singh, S. B. and Kumar, Dinesh	Postbuckling Response and Failure of Symmetric Laminated Plates with Rectangular Cutouts under Uni-axial Compression	Structural Engineering Mechanics	29	455-467
109.	Prasanna Kumar N	Teaching Mathematics in Colleges - Need of True Professionalism	International Journal of New Frontiers in Education	41	301-304
110.	Atul Gaur and Alok Kumar Maloo	Maximally Differential Graded Ideal in Zero Characteristic	Hiroshima Mathematical Journal	38	31-35
111.	Atul Gaur and Alok Kumar Maloo	Minimal Prime Submodules	International Journal of Algebra	2	953-956

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112.	I S Pillai and V.Kannan	Polynomials Hardly Commuting with Increasing Bijections	Semigroup Forum	76	124-132
113.	Sarvesh Kumar, Neela Nataraj and Amiya K. Pani	Finite Volume Element Method for Second Order Hyperbolic Equations	International Journal of Numerical Analysis and Modeling	5	132 - 151
114.	Rajan Arora and V. D. Sharma	Convergence of Strong Shock in a Van Der Waals Gas	SIAM Journal of Applied Mathematics	66	1825-1837
115.	Reeta S. Dubey	Application of Rothe Method to Abstract Quasilinear Implicit Integrodifferential Equations in Reflexive Banach Space	The ICFAI University Journal of Computational Mathematics	1	24-40
116.	V.V.S.N.V. Prasad, T.C. Goel	Factors Influencing Supply Chain Performance	ACRM Journal of Business and Management Research	3	1-16
117.	V.V.S.N.V. Prasad., T. C. Goel	Diaspora for Faster and Inclusive Growth	Journal on international Diaspora	4	12-19
118.	Prasanta Kumar Das, V.H.Satheesh Kumar, P.K. Suresh	Plasmon Annihilation into Kaluza-Klein Graviton: New Astrophysical Constraints on Large Extra Dimensions?	Physical Reviews	3	13-21
119.	Ranjan Dey, A. K. Singh and J. D. Pandey	A Temperature dependent Viscometric Studies of Binary Liquid Mixtures	Journal of Molecular Liquids	137	88-91
120.	S. S. Baral, S. N. Das, P. Rath, G. Roy Chaudhury, Y. V. Swamy	Biosorption of Cr (VI) using Thermally Activated Weed <i>Salvinia Cucullata</i>	Chemical Engineering	139	245-255
121.	S. S. Baral, S. N. Das, P. Rath, G. Roy Chaudhury	Adsorption of Cr (VI) by Treated Weed <i>Salvinia cucullata</i> : Kinetics and Mechanism	Adsorption	14	111-121
122.	S. S. Mohanty, S. S. Baral, D. Mohapatra and G. Roy Chaudhury	Use of Manganic Gerrihydrite to Treat Ar(VI) Contaminated Water	Chemistry and Ecology	24	37-47
123.	S. Samdani, S. J. Attar, C. Kadam, S. S. Baral	Treatment of Cr(VI) Contaminated Waste Water using Biosorbent, <i>Hydrilla verticillata</i>	International Journal of Engineering Research and Industrial Application	1	271-282

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124.	Rashmi Chauhan and Veena Choudhary	Copolymerization of MMA with N- (methoxy phenyl) Itaconimides	Journal of Applied Polymer Science	109	987-996
125.	P Pant, S Bhuvaneswari and N N Ghosh	Chemical Methodologies for preparation of Micron and Nanometer Scale Ferrites	Recent Patents on Nanotechnology	2	8-18
126.	Utpal Roy, Veeky Baths	Reconstruction of Phylogenetic Tree of Some Selected House-keeping Proteins	The ICFAI University Journal of Computational Mathematics	1	7-20
127.	Piotr Krawiec, R. N. Panda, Emanuel Kockrick, Dorin Geiger and Stefan Kaskel	High Surface area V-Mo-N Materials Synthesized from Amine Intercalated Foams	Journal Solid State Chemistry	181	935-942
128.	Utpal Roy	Nonlinear Optimization of Enzyme Kinetic Parameters	Journal of Biological Sciences	8	1322 - 1327
129.	Utpal Roy	A Preliminary Study of Smelling Agents using Electrical Potential Oscillations at Liquid-liquid Interface	Indian Journal of Biotechnology	7	73 -82
130.	Upadhyay, N	Modeling and Analysis of Object Oriented System: A Graph Theoretic Systems Approach	International Journal of System Control and Communications	1	240-254
131.	D. M. Kulkarni	Aluminum Alloys an Alternative Material in the Ship Building Industry, A Technical Review	Bulletin of Marine Science and Technology	4	1-5
132.	H.Chelladurai, V.K.Jain and N.S.Vyas	Development of a Cutting Tool Condition Monitoring System for High Speed Turning Operations by Vibration and Strain Analysis	International Journal of Advanced Manufacturing Technology	39	471-485
133.	Sachin Waigaonkar, B. J. C. Babu and R. T. Durai Prabhakaran	A New Approach for Resin Selection in Rotational Molding	Journal of Reinforced Plastics and Composites	27	1021-1037
134.	Varinder Singh and V P Agrawal	Structural Modeling and Integrative Analysis of a Manufacturing System by Graph Theoretic Approach	Journal of Manufacturing Technology Management	19	844-870
135.	V.P. Agarwal, R.T.D Prabhakaran, and B.J.C. Babu	DFX Analysis Applied to Composite Products	Journal of Reinforced Plastics and Composites	27	287-312

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136.	V.P. Agarwal, R.T.D Prabhakaran, and B.J.C. Babu	Quality Evaluation of Resin Transfer Model Products	Journal of Reinforced Plastics and Composites	27	559-581
137.	V.P. Agarwal, Piyali Ghosh and Geethika	Attribute based Recruitment of Knowledge Workers using MADM Approach	Journal of International Business and Entrepreneurship Development	3	205-226
138.	V. P. Agarwal, Man Mohan and O.P.Gandhi	Real Time Reliability Index of a Steam Power Plant – A Systems Approach	Journal of Power and Energy	222	355-369
139.	R. Ganesan, R.P. Pradhan & R.C. Maheswari	The Problem of Phenomenal Consciousness and Connectionist's Representationalism	Acta Philosophica: International Journal of Philosophy	17	135-143
140.	Mishra, R.P., Anand, G. and Kodali, R.	A SWOT Analysis of Total Productive Maintenance Frameworks	International Journal of Management Practice	3	51–81
141.	Anand G. and Kodali R.	A Multi-criteria Decision-Making Model for the Justification of Lean Manufacturing Systems	International Journal of Management Science and Engineering Management	3	100-118
142.	Anand G. and Kodali R.	Performance Measurement System for Lean Manufacturing – A Perspective from SMEs	International Journal of Globalisation and Small Business	2	371–410
143.	Anand G. and Kodali R.	Selection of Lean Manufacturing Systems using the PROMETHEE	Journal of Modelling in Management	3	40-70
144.	Sharma, M. and Kodali, R.	TQM Implementation Elements for Manufacturing Excellence	The TQM Magazine	20	599-621
145.	Sharma, M. and Kodali, R.	Development of a Framework for Manufacturing Excellence	Measuring Business Excellence	12	50-66
146.	Sharma, M. and Kodali, R.	Validity and Reliability of Manufacturing Excellence Frameworks in the Indian Industry	Journal of Engineering Manufacture	222	723-739
147.	Singh A. P.	An Integrated Fuzzy Approach to Assess Water Resources' Potential in a Watershed	Icfai Journal of Computational Fluid Mathematics	1	7-23

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148.	Singh A. P. and A. K. Vidyarthi	Optimal allocation of landfill disposal site: A fuzzy multi-criteria approach	Iranian Journal of Environmental Health Science & Engineering	5	25-34

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1.	K.V.G. Chandra Sekhar, V.S. Rao and D. Ravi Kumar Vyas	Pharmacophore Hypothesis for Atypical Antipsychotics	Proceedings of International conference on the Interface of Chemistry – Biology in Biomedical Research, BITS, Pilani, February 22- 24, 2008, pp. 202
2.	K.V.G. Chandra Sekhar, V. S. Rao, M. Murali Krishna, R. Mahesh	Synthesis of N-{2-[4-(substituted)piperazin-1-yl]-2-oxoethyl} Acetamides as Novel D ₂ Antagonists	Proceedings of International conference on the Interface of Chemistry – Biology in Biomedical Research, BITS, Pilani, February 22- 24, 2008, pp. 212
3.	K. V. G. Chandra Sekhar, V. S. Rao, Anisha Thomas, A. Satish Reddy, R. Sunandini, V.S.A. Kumar Satuluri	Solvent Free Microwave Assisted Synthesis of 3-(2-methylquinoxalin-3-yl)-2-(substitutedphenyl)thiazolidin-4-ones	Proceedings of International conference on the Interface of Chemistry – Biology in Biomedical Research, BITS, Pilani, February 22- 24, 2008, pp. 125
4.	Purohit, P., Vyas, M. and Panwar, J.	Neem: A Potential Contraceptive	Proceedings of International conference on the Interface of Chemistry – Biology in Biomedical Research, BITS, Pilani, February 22- 24, 2008, pp. 287.
5.	Mehrotra, R., Swapnil and Panwar, J.	Global warming: A Monster in Action	Proceedings of National Symposium on Global Warming: The Burning Issue, Bikaner, March 5, 2008, pp. 14-15.
6.	Vani, B., Mehrotra, R. and Panwar, J.	Global Warming: An Alarm to Disaster	Proceedings of National Symposium on Global Warming: The Burning Issue, Bikaner, March 5, 2008, pp. 49.
7.	K. Haribabu, Dayakar Reddy, Chittaranjan Hota, Antti Yla-Jaaski, and Sasu Tarkoma	Adaptive Lookup for Unstructured Peer-to-Peer Overlays	Proceedings of Third International Conference on Communication Systems & Middleware (IAMCOM/ COMSWARE 2008), Bangalore, January 5-10, 2008.

S.No.	Author(s)	Title of the Publication	Particulars
8.	K. Haribabu, Chittaranjan Hota, and Antti Yla-Jaaski	Indexing Through Querying in Unstructured Peer-to-Peer Overlay Networks	Proceedings of 11 th Asia-Pacific Network Operations and Management Symposium (APNOMS 2008), Beijing, October 22-24, 2008, pp. 102-111.
9.	Sheth, P.N. and B.V.Babu	Optimization of Kinetic Parameters in Pyrolysis of Biomass Using Differential Evolution (DE)	Proceedings of International Conference on Neural Network and Genetic Algorithm in Materials Science and Engineering (NGMS-2008), Kolkata, January 9-11, 2008.
10.	Sheth, P.N. and B.V.Babu	Optimization of Kinetic Parameters in Pyrolysis of Biomass Using Logarithmic Differential Evolution (LDE)	Proceedings of Genetic and Evolutionary Computation Conference (GECCO-2008), Atlanta, USA, July 12-16, 2008.
11.	Sheth, P.N. and B.V.Babu	Kinetic Modeling, Simulation and Optimization of Pyrolysis	Proceedings of International Symposium & 61 st Annual Session of IChE in association with International Partners (CHEMCON-2008), Chandigarh, December 27-30, 2008.
12.	H.D. Mathur and H.V. Manjunath	Application of Artificial Intelligence to Multi-Area Interconnected Power Systems	Proceedings of National Seminar on Information, Communication and Intelligent System, Cochin, February 8-9, 2008, pp. 115-122.
13.	H.D. Mathur	Intelligent Controller for Automatic Generation Control of Multi-Area Thermal Stations	Proceedings of National Conference on Advances in Power System and Energy Management, Rajapura, March 1-2, 2008.
14.	H.D. Mathur	Dynamic Performance Enhancement of Thermal Units with Asynchronous Tie-Lines Using Intelligent Controller	Proceedings of 5 th Conference of Young Scientists on Energy Issues, Kaunas, Lithuania, May 29, 2008, pp. IV-49 – IV-56.
15.	H.D. Mathur	Performance Study of Interconnected Power System with HVDC Regulation Controller	Proceedings of International Conference on Power Control and Optimization, Chiang Mai, Thailand, July 18-20, 2008.
16.	V.S.Nirban and Meenakshi Raman	Impact of e-Business and Personal Communication on Email Messages: A Critical Analysis	Proceedings of the 7 th International Conference on e-Business, 2008 (INCEB 2008), Bangkok, November 6-7, 2008, pp.27-34.

S.No.	Author(s)	Title of the Publication	Particulars
17.	Sushil Kumar and B.V.Babu	Reactive Extraction of Propionic Acid with Aliquat 336 dissolved in 1-Decanol and n-Dodecane	Proceedings of International Symposium & 61 st Annual Session of IChE in association with International Partners (CHEMCON-2008), Chandigarh, December 27-30, 2008.
18.	Sushil Kumar and B.V.Babu	Separation of Carboxylic Acids from Waste Water via Reactive Extraction	Proceedings of International Convention of Water Resources Development and Management (ICWRDM-2008), BITS, Pilani, October 23-26, 2008.
19.	Sushil Kumar and B.V.Babu	Lactic Acid: A Renewable Resource for Biopolymers	Proceedings International Conference on Advances in Polymer Science & Technology (Poly – 2008), New Delhi, January 28 - 31, 2008
20.	Nirupama Prakash	Impact of ICT on Gender Issues in a Rural Setting	Proceedings of Two Days National Seminar on Gender and Information Technology: Challenges and Opportunities, New Delhi, March 24-25, 2008
21.	A Dalvi, S Bhardwaj and A M Awasthi	Thermal Investigations and Crystallization Studies on AgI-Ag ₂ O-V ₂ O ₅ Glasses	Proceedings of 11 th Asian Conference on Solid State Ionics, Coimbatore, June, 8-13, 2008
22.	A Dalvi, S Bhardwaj, A M Awasthi and N P Lalla	Characterization of Glassy Superionic Composites Prepared by Microwave Treatment	Proceedings of 11 th Asian Conference on Solid State Ionics, Coimbatore, June, 8-13, 2008
23.	Hanumantharao, Ch. and Ramana, G. V.	Ground Response Analyses at Delhi from Local and Long Distance Earthquakes	Proceedings of the Indo-Japan Theme Meeting and Workshop: Disaster Risk Reduction – Earthquakes, Landslides, and Tsunami, Bangalore, August 28 – 29, 2008.
24.	Mittal R.K. Saran S. and Singh S	Numerical Modelling for Prediction of Increase in Bearing Capacity of Soil Simultaneously Reinforced with Geogrid and Fibers for High Rise Buildings	Proceedings of Conference on Challenges and Applications of Mathematical Modeling Techniques in Building Science and Technology, Roorkee, February 7-8, 2008.

S.No.	Author(s)	Title of the Publication	Particulars
25.	Mittal R.K.	Experimental Study on Bearing Capacity Improvement of Sandy Soil using Waste Tyre Chip and Geogrid Reinforcement	Proceedings of EuroGeo4, The 4 th European Geosynthetics Conference, Edinburgh, U.K., September 7-10, 2008
26.	Mittal R.K.	Enhancement of Bearing Capacity of Geogrid Reinforced Granular Soil using Waste Tyre Chip	Proceedings of Indian Geotechnical Conference (IGC - 2008), Bangalore, December 17-19, 2008.
27.	S.B. Singh, S.Madappa Vigneasuva Raja, Sushmit Shreyans and Anurag Jaipuria	Tensile and Compressive Stress-Strain Characteristics of Ductile Fiber Reinforced Cementitious Composites (DFRCC)	Proceedings of 5 th ASCE International Engineering and Construction Conference (IECC'5), Irvine, USA, August 27-29, 2008.
28.	S.B. Singh and S.Madappa Vigneasuva Raja	Flexural Capacity of Steel Reinforced ECC beams	Proceedings of 7 th International RILEM Symposium on Fiber Reinforced Concrete (BEFIB-2008), Chennai, September 17-19, 2008, pp. 495-500.
29.	Prakash, N. and A. K. Sharma	Metallocene Catalysts in Olefin Polymerization: Present State of the Art	Proceedings of APA International Conference (Poly – 2008) on Advances in Polymer Science & Technology, New Delhi, January 28 – 31, 2008.
30.	Prakash, N. and A. K. Sharma	Mathematical Modeling in Metallocene Catalyzed Olefin Polymerization	Proceedings of APA International Conference (Poly – 2008) on Advances in Polymer Science & Technology, New Delhi, January 28 – 31, 2008.
31.	Prakash, N. and A. K. Sharma	Modeling and Simulation Trends in Polymer Processing	Proceedings of National Seminar on Recent Advances in Chemical Engineering Operations and Processes in Chemical and Allied Industries, Bilaspur, February 5 – 6, 2008.
32.	Prakash, N. and A. K. Sharma	Recent Advances in Olefin Polymerization: Applications of Constrained Geometry Single Site Catalysts	Proceedings of National Seminar on Recent Advances in Chemical Engineering Operations and Processes in Chemical and Allied Industries, Bilaspur, February 5 – 6, 2008.

S.No.	Author(s)	Title of the Publication	Particulars
33.	Prakash, N., Datta, D. and A. K. Sharma	Modelling and Simulation of Metal Catalyzed Gas Phase Propylene Polymerization using Aspen Polymer Plus	Proceedings of International Symposium & 61 st Annual Session of IChE in association with International Partners (CHEMCON-2008), Chandigarh, December 27-30, 2008.
34.	Biju Raveendran, Sundar Balasubramaniam, and S. Gurunayanan.	Evaluation of Priority Based Real Time Scheduling Algorithms: Choices and Tradeoffs	Proceedings of the 23 rd Annual ACM Symposium on Applied Computing (ACM SAC'08), Ceara, Brazil, March 16-20, 2008, pp. 302 - 307.
35.	Biju Raveendran, T S B Sudarshan, Avinash Patil, Komal Randive, and S.Gurunayanan	Predictive Placement Scheme for Set-Associative Cache for Energy Efficient Embedded System.	Proceedings of International Conference on Signal Processing, Communications and Networking, Chennai, January 4-6, 2008, pp. 152-157
36.	S.Madappa Vigneasuva Raja and S.B. Singh	Flexural Capacity and Ductility Prediction of FRP Reinforced ECC beams	Proceedings of 8 th International Symposium on Utilization of High Strength and High Performance Concrete (8HSC-HPC), Tokyo, Japan, October 27-29, 2008, pp. 996-1001.
37.	Anand G., Rao, K. S., and Kodali R.	A Simulation Approach for the Design of Lean Manufacturing Systems	Proceedings of the International Conference on Frontiers in Design and Manufacturing (ICDM – 08), Coimbatore, February 1-2, 2008.
38.	Anand G., and Kodali R.	Lean Manufacturing – Past Present and the Future	Proceedings of the All India Seminar on New Vistas in Manufacturing, Jaipur, January 5-6, 2008.
39.	Soni G. and Kodali R.	A Visual Interactive Simulation (VIS) Approach for Analysis of Supply Chain: A Case	Proceedings of the International Conference on Quantitative Methods, Operations and Information Technology (ICQMOIT-2008), Hyderabad, October 24-25, 2008.
40.	Sharma, M. and Kodali, R.	An AHP for Quantification of Manufacturing Excellence in Indian Industries	Proceedings of the International Conference on Quantitative Methods, Operations and Information Technology (ICQMOIT-2008), Hyderabad, October 24-25, 2008.

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41.	Vinayak, K. and Kodali R	Development of Relative Rating Model for Evaluation of New Products	Proceedings of the International Conference on Quantitative Methods, Operations and Information Technology (ICQMOIT-2008), Hyderabad, October 24-25, 2008.
42.	Kodali R.	Multi-attribute Decision Model for Evaluation of FMS Control Software	Proceedings of the International Conference on Quantitative Methods, Operations and Information Technology (ICQMOIT-2008), Hyderabad, October 24-25, 2008.
43.	Soni G., Kodali R., and Jain, A.	Comparing JIT and Traditional Inventory Management Systems in a Supply Chain Environment	Proceedings of the All India Seminar on New Vistas in Manufacturing, Jaipur, January 5-6, 2008.
44.	Sharma, M. and Kodali, R.	An Overview of Manufacturing Excellence	Proceedings of the All India Seminar on New Vistas in Manufacturing, Jaipur, January 5-6, 2008.
45.	Surekha Bhanot, Kumarswamy and Anita Subramanian	Development and Testing of Open Loop and Closed Loop Fuzzy Logic Temperature Control System	Proceedings of International conference on Systematics, Cybernetics & Informatics, Hyderabad, January 2-5, 2008, pp. 236-242.
46.	Amit Kumar Singh and Regalla Srinivasa Prakash	Determining the Optimum Density of a Laser Sintered Part Using Finite Element Simulation and the Method of Steepest Ascent	Proceedings of the INAE-DAE International Conference on Advances in Manufacturing Technology (ICAMT-2008), Chennai, February 6-8, 2008