

No.	Authors	Title of Paper/Chapter	Journal/Conference/Book	Impact Factor	ERA Ranking	Year
Affiliation Details: 1. IITB-Monash Research Academy, 2. IIT Bombay, 3. Monash University						
Book Chapters						
1	M. Srinivas Reddy ^{1,2,3} , R.Vijaya	Modeling the band structure of photonic crystals – a tutorial	In "Novel features and Perspectives of Photonic crystals", by N.Kumar (Ed.), Lambert Academic Publishing, 2012.	N/A	N/A	2012
2	Sunita Kedia, M.Srinivas Reddy ^{1,2,3} , R.Vijaya	Self-assembled photonic crystal heterostructures	In "Novel features and Perspectives of Photonic crystals", by N.Kumar (Ed.), Lambert Academic Publishing, 2012.	N/A	N/A	2012
3	Narayan R ¹ , Chaudhari R, Chakrabarti R ^{1,2,3} , Patankar S ²	Translation Initiation and Termination in Plasmodium falciparum	Encyclopedia of Malaria, http://www.springer.com/medicine/book/978-1-4614-8325-0 .	N/A	N/A	2014
Journal Papers (Accepted)						
1	Saumya Nigam ^{1,2,3} , K. C. Barick ² , D Bahadur ²	Development of citrate-stabilized Fe3O4 nanoparticles: Conjugation and release of doxorubicin for therapeutic applications	Journal of Magnetism and Magnetic Materials, Volume 323, Issue 2, January 2011, Pages 237-243	IF: 1.204 5-Year IF: 1.391	C	2011
2	N.R. Raykar ^{1,2,3} , S.K. Maiti ² , R. K. Singh Raman ³	Modelling of Mode-I Stable Crack Growth under Hydrogen Assisted Stress Corrosion Cracking	Engineering Fracture Mechanics, 78(18), 3153-3165.	IF: 1.447	A*	2011
3	Ashutosh Kainthola ² , Dhananajai Verma ^{1,2,3} , S.S. Gupte, T N Singh ²	Analysis of Failed Dump Slope using Limit Equilibrium Approach	Mining Engineer's Journal, V 12(12), pp. 28-32	--	Unrated	2011
4	Ashutosh Kainthola ² , Dhananajai Verma ^{1,2,3} , T N Singh ²	Computational analysis for the Stability of Black Cotton Soil Bench in an Open Cast Coal Mine in Wardha Valley Coal Field, Maharashtra	International Journal of Economic and Environment Geology	--	Unrated	2011
5	A. Patel, K. K. Singh ^{1,2,3} , D. N. Singh ²	Application of Piezoceramic Elements for Determining Elastic Properties of Soils	Geotechnical and Geological Engineering, Springer Publications, 30:2, pp. 407-417	IF: 0.530	B	2011
6	V. Vishal ^{1,2,3} , Raktim Das ² , T. N. Singh ²	Investigating the frictional response of granitic rock surface: An experimental approach	Journal of Geological Society of India Vol 80(4), pp. 493-498.	IF: 0.596 (2011)	C	2011
7	K. Sarkar, V. Vishal ^{1,2,3} , T. N. Singh ²	An empirical correlation of index geomechanical parameters with the compressional wave velocity	Geotechnical and Geological Engineering Vol 30, pp. 469-479.	IF: 0.530	B	2011
8	Rajesh Singh, V. Vishal ^{1,2,3} , T.N. Singh ² , Ranjith P.G ³	A Comparative Study of Generalized Regression Neural Network Approach and Adaptive Neuro-Fuzzy Inference Systems for Prediction of Unconfined Compressive Strength	Neural Computing and Applications doi: 10.1007/s00521-012-0944-z	IF: 0.699 (2011)	B	2011
9	N. R. Raykar ^{1,2,3} , R. K. Singh Raman ³ , S. K. Maiti ² , Lokesh Choudhary	Investigation of hydrogen assisted cracking of a high strength steel using circumferentially notched tensile test	Material Science and Engineering A, 547, 86-92.	IF: 2.101, 2.319 (5 year)	A*	2012
10	Mohan Krishnamoorthy ^{1,3} , Davaatasaren Baatar, Andreas Ernst	Algorithms for Large Scale Shift Minimisation Personnel Task Scheduling Problems	European Journal of Operational Research 219(1): 34-48 (2012)	IF: 2.093 5-Year IF: 2.599	A	2012
11	D. Banerjee ^{1,2,3} , R. Adari ² , M. Murthy ² , P. Suggiseti ² , S. Ganguly ² , D. Saha ²	Modulation Bandwidth of a Spin Laser	Journal of Applied Physics	IF: 2.072 (2009)	A	2010
12	Rajesh Singh, V. Vishal ^{1,2,3} , T.N. Singh ²	Soft computing method for assessment of compressional wave velocity	Scientia Iranica: Transactions in Civil Engineering Vol. 19(4), pp. 1018-1024.	IF: 0.348 (2011)	C	2012
13	Akash Nigam ^{1,2,3} , Gunther Schwabegger, Mujeeb Ullah, Rizwan Ahmed, Ivan I. Fishchuk, Andrey Kadashchuk, Clemens Simbrunner, Helmut Sitter, Malin Premaratne ³ , V Ramgopal Rao ²	Strain induced anisotropic effect on electron mobility in C ₆₀ based organic field effect transistors	Applied Physics Letters	IF: 3.787 (5 years)	A*	2012
14	Siddharth Gadkar ^{1,2,3} , Rochish Thaokar ²	Stability of immersed viscous liquid threads under electric field.	International Journal of Engineering Science	IF: 1.21 IF: 1.508 (5yr)	B	2012
15	Siddharth Gadkar ^{1,2,3} , Rochish Thaokar ²	Role of viscosity ratio in liquid-liquid jets under radial electric fields	International Journal of Chemical and Biological Engineering	Not yet available (Journal started in 2007)	B	2012
16	Anu Thomas ^{1,2,3} , Gaurav Singh, Mohan Krishnamoorthy ^{1,3} , Jayendran Venkateswaran ²	Distributed optimisation method for multi-resource constrained scheduling in coal supply chains	International Journal of Production Research on "Optimisation Approaches for Distributed Scheduling Problems". http://www.tandfonline.com/doi/abs/10.1080/00207543.2012.737955	IF: 1.033	B	2012
17	Sunita Kedia ² , M. Srinivas Reddy ^{1,2,3} , R. Vijaya	Photonic crystal based direct and inverse heterostructures by colloidal self-assembly	Optics and Photonics Journal (SCRIP) 2, 242-248 (2012).	IF: 2.431	Unrated	2012
18	V. Vishal ^{1,2,3} , Lokendra Singh, S. P. Pradhan, T. N. Singh ² , P. G. Ranjith ³	Analogue modeling of Gondwana coal seams in India as coalbed methane reservoirs substituted for carbon dioxide sequestration	Energy Vol 49, pp. 384-394.	IF: 3.858 (5 year)	B	2012
19	D. Banerjee ^{1,2,3} , R. Adari, T. Pramanik, S. Ganguly ² , D. Saha ²	Effect of Device Geometry on Output Circular Polarization in a Spin-LED	IEEE Transactions on Magnetics	IF: 1.363	B	2012
20	M. Srinivas Reddy ^{1,2,3} , R. Vijaya, Ivan D. Rukhlenko ³ , Malin Premaratne ³	Spatial and spectral distributions of emission from dye-doped photonic crystals in reflection and transmission geometries	Journal of Nanophotonics 6 (1), 063526 (2012).	IF: 1.570	Unrated	2012
21	Vishal V ^{1,2,3} , Ranjith PG ³ , Singh TN ²	CO2 permeability of Indian bituminous coals: Implications for carbon sequestration	International Journal of Coal Geology Vol 105, pp. 36-47.	IF: 2.700 (5 Yr)	B	2012
22	G.Gupta ^{1,2,3} , N.Birbilis ³ , A.B.Cook, A.S.Khanna ²	Polyaniline-lignosulfonate/epoxy coating for corrosion protection of AA2024-T3	Corrosion Science.Vol/Page: 67 (2013) 256-267	IF:3.734 (5 year)	A*	2013
23	G.Gupta ^{1,2,3} , S.S.Pathak, A.S.Khanna ²	Anticorrosion performance of eco-friendly silane primer for coil coating applications	Progress in Organic coating, Vol/Page:74 (1) (2012) 106-114	IF:2.167 (5Year)	B	2012
24	Bharat S Padekar ^{1,2,3} , R. K. Singh Raman ³ , V.S.Raja ² , Lyon Paul	Stress corrosion cracking of a recent rare-earth containing magnesium alloy, EV31A, and a common Al-containing alloy, A291E	Corrosion Science, Elsevier	IF:3.734 (5 year)	A*	2013
25	N. Muthu ^{1,2,3} , S.K. Maiti ² , B.G. Falzon ³ , I. Guimatsia	Computation of stress intensity factors in functionally graded materials using partition-of-unity meshfree method	The Aeronautical Journal	IF: 0.412	A	2012
26	N. Muthu ^{1,2,3} , S.K. Maiti ² , B.G. Falzon ³ , I. Guimatsia	A Comparison of Stress Intensity Factors Obtained Through Crack Closure Integral and Other Approaches using Extended Element-Free Galerkin Method	Computational Mechanics	IF: 2.065	A*	2013
27	P.K. Sahoo ^{1,2,3} , Bharati Panigrahy ² , Dan Li ¹ , D. Bahadur ²	Magnetic behavior of reduced graphene oxide/metal nanocomposites	Journal of applied physics	IF:2.169	A	2013
28	P.K. Sahoo ^{1,2,3} , Bharati Panigrahy ² , S. Sahoo, A. K. Satpati, Dan Li ¹ , D. Bahadur ²	In situ synthesis and properties of reduced graphene oxide/Bi nanocomposites: as an electroactive material for analysis of heavy metals	Biosensors and Bioelectronics http://www.sciencedirect.com/science/article/pii/S0956566312008871	IF: 5.602 (2011)	A*	2012
29	M. Srinivas Reddy ^{1,2,3} , Sunita Kedia ² , Ramarao Vijaya, Alok Kumar Ray, Sucharita Sinha, Ivan D. Rukhlenko ³ , Malin Premaratne ³	Analysis of Lasing in Dye-Doped Photonic Crystals M.	IEEE Photonics Journal 5 (1), 4700409 (2013).	IF: 2.32	Unrated	2013
30	Bharat S Padekar ^{1,2,3} , V.S. Raja ² , R. K. Singh Raman ³	Stress Corrosion Cracking of a Wrought Mg-Mn Alloy Under Plane Strain and Plane Stress Conditions	Engineering Fracture Mechanics, Elsevier	IF: 1.776 (5 Yr)	A*	2013
31	Akshaya K swain ^{1,2,3} , Dan Li ¹ , Dharendra Bahadur ²	UV-assisted production of ferromagnetic graphene quantum dots from size reduced graphene oxide	CARBON	IF: 6.35 (5 years)	A*	2013
32	Rimi Chakrabarti ^{1,2,3} , Parkash S. Rawat ^{1,2,3} , Brian M. Cooke ³ , Ross L. Coppel ³ , Swati Patankar ²	Curcumin affects polymerization of microtubules in Plasmodium falciparum	PLoS One	IF: 4.4 (2010)	A	2012

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33	K. K. Singh ^{1,2,3} , D. N. Singh ² , P. G. Ranjith ³	Simulating Flow through a Fracture in the Rockmass using Analogue Material	International Journal of Geomechanics, American Society of Civil Engineers (ASCE)	IF: 0.457/2009	A	2013
34	N. R. Raykar ^{1,2,3} , S. K. Maiti ² , R. K. Singh Raman ¹ , Saurav Aryan ²	Study of hydrogen concentration dependent growth of external annular crack in round tensile specimen using cohesive zone model	Engineering Fracture Mechanics, 106, 49-66	IF: 1.776 (5 years)	A*	2013
35	Priti sinha ² , Siddharth Gadkari ^{1,2,3} , Rochish Thokar ²	Electric field induced pearling instability in cylindrical vesicles	Soft Matter	Impact Factor: 4.39	A	2013
36	V.S. Raja ² , Bharat S. Padekar ^{1,2,3}	Role of chlorides on pitting and hydrogen embrittlement of Mg-M 4 wrought alloy	Corrosion Science	--	Unrated	2013
37	Sudeshna Chandra ² , Saumya Nigam ^{1,2,3} , D. Bahadur ²	Combining unique properties of dendrimers and magnetic nanoparticles towards cancer theranostics	Journal of Biomedical Nanotechnology	IF: 4.216	C	2013
38	Jayesh M. Sonawane ^{1,2,3} , Arpit Gupta ² , Prakash C. Ghosh ²	Multi-electrode microbial fuel cell (MEMFC): A close analysis towards large scale system architecture	the International Journal of Hydrogen Energy, Elsevier.	IF:4.402	Unrated	2013
39	P. Suggiseti, D. Banerjee ^{1,2,3} , R. Adari, N. Pande ² , T. Patil, S. Ganguly ² , D. Saha ²	Room temperature ferromagnetism in thermally diffused Cr in GaN	AIP Advances	--		2013
40	M. Srinivas Reddy ^{1,2,3} , R. Vijaya, Ivan D. Rukhlenko ³ , Malin Premaratne ³	Low- threshold lasing in active opal photonic crystals	Optics Letters	IF: 3.399	A*	2013
41	Bharat S. Padekar ^{1,2,3} , V. S. Raja ² , R. K. Singh Raman ² , P. Lyon	Stress Corrosion Cracking Behavior of Magnesium Alloys EV31A and AZ91E	Materials Science and Engineering	--	A	2013
42	N. Naresh ^{1,2,3} , F.G.S. Wasim ^{1,2,3} , B.P.Ladewig ³ , M.Neergat ²	Removal of surfactant and capping agent from Pd	Journal of Materials Chemistry A	IF:1.8553-8559	Unrated	2013
43	Ganesh Soni ^{1,2,3} , Ramesh Singh ² , Mira Mitra ² , Brian Falzon ³	Buckling behaviour of composite laminates, with and without cutouts subjected to non-uniform inplane loads	Internation journal of structural stability and dynamics	IF: 0.64 (2010)	A	2013
44	Rama Adari, Debashree Banerjee ^{1,2,3} , Swaroop Ganguly ² , Dipankar Saha ²	Memory Elements Using Multiterminal Magneto-resistive Devices	Applied Physics Express	IF: 2.731	Unrated	2013
45	Ruchi Grover Wankhede ^{1,2,3} , Shantaram Morey, A.S.Khanna ¹ , N.Birbilisd ²	Development of Water- Repellent Organic-Inorganic Hybrid Sol-gel Coatings on Aluminium using Short Chain Perfluoro Polymer Emulsion	Journal of Applied Surface science	--	Unrated	2013
46	Deval Bhamare ^{1,2,3} , Ashwin Gumaste ² , Mohan Krishnamoorthy ³ , Niraj Dayama ^{1,2,3}	On the Backbone VLAN Identifier (BVID) Allocation in 802.1Qay Provider Backbone Bridged – Traffic Engineered Networks	IEEE Transactions on Network and Service Management		Unrated	
47	Niraj Ramesh Dayama ^{1,2,3} , Mohan Krishnamoorthy ³ , Andreas Ernstc	Efficient Models, Formulations and Algorithms for Fixed Interval Scheduling Problems	Inform Journal of operations research	IF:1.99	Unrated	2013
48	Niraj Ramesh Dayama ^{1,2,3} , Ketki Kulkarni ²	Approaches and Mathematical Models for Robust Solutions to Optimization Problems with Stochastic Problem Data Instances	Lecture Notes in Computer Science via 23rd International Workshop, IWOCA 2012		Unrated	2013
49	Niraj Ramesh Dayama ^{1,2,3} , Mohan Krishnamoorthy ³ , Andreas Ernst, Vishnu Narayanan, Narayan Rangaraj ²	Approaches for solving the container stacking problem with route distance minimization and stack rearrangement consideration.	Computers and operations research	IF=1.9	A	2013
50	Ganesh Soni ^{1,2,3} , Ramesh Singh ² , Mira Mitra ² , Brian Falzon ³	Modeling of matrix damage and fibre-matrix interface failure in composite laminates via a multi-fibre multi-layer representative volume element (M ² RVE)	Journal of Solids and Structures	IF:1.857	A*	2013
51	Akash Nigam ^{1,2,3} , Pradeep Nair, Malin Premaratne ³ , V.Rangopal Rao ²	An alternative explanation based on Injection barrier based explanation for capacitance voltage dispersion of ambient exposed pentacene devices	Applied Physics Letters	I,F=3.9		2013
52	M. Srinivas Reddy ^{1,2,3} , R. Vijaya, Ivan D. Rukhlenko ³ , Malin Premaratne ³	Low- threshold lasing in photonic-crystal heterostructures	Optics Letters	IF 3.546	A*	2014
53	Mihiro Sasaki, James F. Campbell, Mohan Krishnamoorthy ^{1,2,3} , Andreas T. Ernst	A Stackelberg Hub Arc Location Model for a Competitive	Journal, Computers and Operations Research		A	2014
54	Amrita V. Poyekar ^{1,2,3} , Arup R. Bhattacharya ² , Rupesh A. Khare, Ajay S. Panwar ² , George P. Simon ³ , Subhabrata Dhar ² , J. K. Mishra	Dispersion, migration and 'network-like' structure formation of multiwall carbon nanotubes in co-continuous, binary immiscible blends of polyamide6 and acrylonitrile butadiene styrene copolymer during simultaneous melt-mixing	Polymer Engineering and Science (Journal)	--	B	2013
55	M. Srinivas Reddy ^{1,2,3} , R. Vijaya, Ivan D. Rukhlenko ³ , Malin Premaratne ³	Spatial and spectral distributions of emission from dyed photonic crystals in reflection and transmission geometries	Journal of Nanophotonics	IF: 1.570		2012
56	Anu Thomas ^{1,2,3} , Jayendran Venkateswaran ¹ , Gaurav Singh, Mohan Krishnamoorthy ^{1,2,3}	A Resource Constrained Scheduling Problem with Multiple Independent Producers and a Single Linking Constraint: A Coal Supply Chain Example	European Journal of Operations Research	IF:1.815	A	2013
57	Saumya Nigam ^{1,2,3} , Asmita Kumar, George Thous, D. Bahadur ² , Qizhi Chen ²	Curcumin delivery by magnetic liposomes	Peer-reviewed journal (Journal of Nanopharmaceutics and Drug Delivery)			2014
58	R. Jindal ^{1,2,3} , V.S. Raja ² , M.A. Gibson, M.J. Styles, T.J. Bastow, C.R. Hutchinson	Effect of annealing below the crystallization temperature on the corrosion behavior of Al-Ni-Y metallic glasses	Corrosion Science	4.016	A*	2014
59	Ramkumar Rajendran ^{1,2,3} , Sridhar Iyer ² , Sahana Murthy ² , Campbell Wilson ³ , Judith Sheard ²	A Theory-Driven Approach to Predict Frustration in an ITS	Learning Technologies, IEEE Transactions on (Volume:6, Issue: 4), OCT-Dec 2013.	--		2013
60	D. Banerjee ^{1,2,3} , R. Adari, S. Sankaranarayan, A. Kumar, S. Ganguly ² , R. W. Aldhaferi, M. A. Hussain, A. S. Balamesh, D. Saha ²	Electrical spin injection using GaCrN in a GaN based spin light emitting diode	Applied Physics Letters	3.8	Unrated	2013
61	R. Adari, D. Banerjee ^{1,2,3} , S.Ganguly ² , D. Saha ²	Fermi level depinning at metal/GaN interface by an insulating barrier	Thin Solid Films	1.888 (5 yr)		2013
62	Prashant Agrawal ^{1,2,3} , Prasanna S. Gandhi ² , Adrian Neild ²	The mechanics of microparticle collection in an open fluid volume and low frequency horizontal vibration	Journal of Colloid and Interface Science	2.2		2013
63	Sharadwata Pan ^{1,2,3} , Duc At Nguyen ¹ , P. Sunthar ² , T. Sridhar ³ , J. Ravi Prakash ¹	Universal solvent quality crossover of the zero shear rate viscosity of semidilute DNA solutions	Journal of Rheology (American Institute of Physics)	2.795 (2012 IF, Journal Citation Reports, Thomson Reuters)	A	2013
64	Nidhi Tiwari ^{1,2,3} , Santonu Sarkar, Umesh Bellur ² , Maria Indrawan ³	Classification Framework and Taxonomy of MapReduce Scheduling Algorithms	ACM Computing Surveys	--	A (2011 ERA Ranking)	2014
65	Akash Nigam ^{1,2,3} , Pradeep Nair ² , Malin Premaratne ³ , V. Rangopal Rao ²	Role of Injection Barrier in Capacitance Voltage measurements of Organic Devices	IEEE Electron device letters	IF :2.8	A*	2014
66	Akshaya Kumar Swain ^{1,2,3} , Dhirendra Bahadur ²	Enhanced Stability of Reduced Graphene Oxide Colloid Using Cross-Linking Polymers	Journal of physical chemistry C	IF:4.81 (current),5.15 (5 year)		2014

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Journal Papers (Submitted)						
1	Goutam Sen ^{1,2,3} , Mohan Krishnamoorthy ^{1,3} , Narayan Rangaraj ² , Vishnu Narayanan ² , David Abramson ²	Data Location Problems in Complex Information Networks: A Literature Review	Computers and Operations Research	IF: 2.093 5-Year IF: 2.599	A	--
2	Mohan Krishnamoorthy ^{1,3} , Davaatasaren Baatar, Andreas Ernst	A triplet-based branching approach with Column Generation for the Shift Minimization Personnel Task Scheduling Problem	Computers and Operations Research	5-Year IF:2.443	A	--
3	Davaatasaren Baatar, Mohan Krishnamoorthy ^{1,3} , Andreas Ernst	A Column Generation based approach for solving The Shift Minimization Personnel Task Scheduling Problem	Operations Research	IF: 2.093 5-Year IF: 2.599	A*	--
4	Dhananjai Verma ^{1,2,3} , Ashutosh Kainthola ² , Rajesh Singh ² , Kripamoy Sarkar, T N Singh ²	Prediction of UCS, Tensile Strength, Cohesion and Angle of Internal Friction of Some Himalayan Rocks Using Sound Velocity Test- A Statistical and ANFIS Approach	International Journal of Engineering Ggeology	IF: 1.442 (2010)	A*	--
5	V. Vishal ^{1,2,3} , T. N. Singh ² , Ranjith P.G. ³	Influence of sorption time in CO ₂ -ECBM process in Indian coals: numerical simulation	FUEL	IF: 3.602 (2010)	A*	--
6	M Sasaki, JF Campbell, AT Ernst, M Krishnamoorthy ^{1,3}	Hub Arc Location with Competition Technical Report of the Nanzan Academic Society	Computers and Operations Research	IF: 2.093 5-Year IF: 2.599	A	--
7	M. Krishnamoorthy ^{1,3} , Kalpit Dixit	An improved scheduling algorithm for the Indian Premier League (IPL)	Asia Pacific Journal of Operations Research	IF: 0.258	Unrated	--
8	Kamal Murari ^{1,2,3} , Subimal Ghosh ² , Anand Patwardhan, Kaustubh Salvi ² , Edoardo Daly ²	Impact of increasing severity of heat waves over the 21st century India	Nature Climate Change	IF:	Unrated	--
9	Vishal V ^{1,2,3} , Ranjith PG ³ , Singh TN ²	Behaviour of Indian bituminous coal under fluid saturation using acoustic emission studies.	Energy	IF: 3.858 (5 year)	B	
10	Akash Nigam ^{1,2,3} , Malin Premaratne ³ , Pradeep Nair ²	On the validity of unintentional doping densities extracted using Mott-Schottky analysis for thin film organic devices.	Organic Electronics	IF: 4.1		2013
11	K. K. Singh ^{1,2,3} , D. N. Singh ² , P.G. Ranjith ³	Permeability of fractured rockness-A review	Journal of Civil Engineering and Architecture	Not yet available	Unrated	
12	Naveen Nair ^{1,2,3} , Ajay Nagesh ^{1,2,3} , Ganesh Ramakrishnan	Learning Discriminative Relational Features for Sequence Labeling	Journal of Machine Learning Research.	IF: 5.952	A	2013
13	Niraj Ramesh Dayama ^{1,2,3} , Andreas Ernst, Mohan Krishnamoorthy ^{1,3} , Vishnu Narayanan ² , Narayan Rangaraj ²	Formulations, models and algorithms for the Container Stack Rearrangement Problem at maritime ports	European Journal of Operational Research	--	A	2013
14	Vishal V. ^{1,2,3} , Ranjith P.G. ³ , Singh T.N. ²	Permeability of sub-critical carbon dioxide in naturally fractured Indian bituminous coal at multiple down-hole stress conditions.	Engineering Geology	IF: 1.892	A*	--
15	Vishal V. ^{1,2,3} , Ranjith P.G. ³ , Pradhan S.P., Singh T.N. ²	Supercritical CO ₂ flow behaviour in Indian coals in a state of deep seam sequestration	Rock Mechanics and Rock Engineering	IF: 1.10	A	--
16	Saumya Nigam ^{1,2,3} , Asmita Kumar, Qizhi Chen ³ , D. Bahadur ²	Therapeutic effects of curcumin-loaded magnetic liposomes on cervical cancer	RSC Advances	Not yet available (journal started in 2011)	Unrated	2013
17	Saumya Nigam ^{1,2,3} , Sudeshna Chandra ² , Qizhi Chen ³ , D. Bahadur ²	Therapeutic performance of PEG-PAMAM dendrimers functionalized magnetic nanoparticles towards cervical cancer	Nanoscale	IF: 6.233	Unrated	2013
18	Akshaya Swain ^{1,2,3} , D. Bahadur ²	Facile synthesis of twisted graphene solution from graphite-KCl	Chem Comm	IF:6.3	A*	2013
19	Anu Thomas ^{1,2,3} , Mohan Krishnamoorthy ^{1,3} , Jayendran Venkateswaran ² , Gaurav Singh	Coordination and Value of information in a decentralised producer-distributor supply chain	International Journal of Production Economics	--	A	2013
20	Edmund Carvalho ^{1,2,3} , Paul Verma ² , Kerry Horurigan ³ , Rinti Banrjee ²	Development of Dual Triggered In-situ Gelling Scaffolds for Tissue Engineering	Polymer International (Journal)	--	B	2013
21	Saroj Yadav ^{1,2,3} , Paul J Verma, Dulal Panda ²	C-terminal region of MAP7D3 promotes microtubule polymerization and stability by binding at the C-terminal tail of tubulin	The Journal of Biological Chemistry	--	Unrated	2014
22	Akash Nigam ^{1,2,3} , Malin Premaratne ³ , V.Ramgopal Rao ² , Pradeep Nair ²	Contact dominated capacitance voltage characteristics of thin film Pentacene devices: An alternative explanation to Unintentional doping.	Advance materials	IF: 13.877	A*	2012
23	N. Muthu ^{1,2,3} , B.G. Falzon, S.K. Maiti ² , S. Khoddam ³	Modified Crack Closure Integral Technique for Extraction of SIFs in Meshfree Methods	Finite Element in Analysis and Design	IF:1.389		2013
24	Amrita V. Poyekar ^{1,2,3} , Arup R. Bhattacharyya ² , Ajay S. Panwar ³ , George P. Simon ³	Evolution of phase morphology and 'network-like' structure of multiwall carbon nanotubes in binary polymer blends during melt-mixing	Polymer Engineering and Science	1.243		2013
25	Amrita V. Poyekar ^{1,2,3} , Arup R. Bhattacharyya ² , Ajay S. Panwar ³ , George P. Simon ³ , D. S. Sutar	Influence of non-covalent modification on the state of dispersion of multiwall carbon nanotubes in co-continuous binary polymer blends: Assessment through morphology, rheology, dynamic mechanical thermal analysis and electrical conductivity measurements	ACS Applied Materials & Interfaces	5.008		2013
26	B. F. Jogi, Arup R. Bhattacharyya ² , Amrita V. Poyekar ^{1,2,3} , Petra Potschke, George P. Simon ³ , Satish Kumar	Multiwall carbon nanotubes mediated novel compatibilization route in binary blends of polyamide6 and acrylonitrile butadiene styrene copolymer	Polymer Engineering and Science	1.243		2013
27	Akash Nigam ^{1,2,3} , Gunther Schwabegger, Mujeeb Ullah, Rizwan Ahmed, Ivan I. Fishchuk, Andrey Kadashchuk, Clemens Simbrunner, Helmut Sitter, Malin Premaratne, V. Ramgopal Rao	Impact of Morphology on Charge Carrier Mobility in Top Gate C60 Organic Field Effect Transistors	Thin Solid Films			2014
28	Anu Thomas ^{1,2,3} , Mohan Krishnamoorthy ^{1,3} , Jayendran Venkateswaran ² , Gaurav Singh	Decentralised Decision Making in a Distributed Computing Environment	Computers and Industrial Engineering		C	2014
29	Kamlesh Pawar ^{1,2,3} , Gary F. Egan ³ and Jingxin Zhang ³	Distributed Compressive Sensing MRI using Noiselet Encoding	IEEE Transaction on Medical Imaging		A*	
30	Prashant Agrawal ^{1,2,3} , Prasanna S. Gandhi ³ , Adrian Neild ³	Quantification and comparison of low frequency microparticle collection mechanism in an open rectangular chamber	Journal of Applied Physics	2.2	A	--

No.	Authors	Title of Paper/Chapter	Journal/Conference/Book	Impact Factor	ERA Ranking	Year
31	Prashant Agrawal ^{1,2,3} , Prasanna S. Gandhib ² , Adrian Neild ³	The mechanics of microparticle collection in an open fluid volume undergoing low frequency vertical vibration	Journal of Colloid and Interface Science			

No.	Authors	Title of Paper/Chapter	Journal/Conference/Book	Impact Factor	ERA Ranking	Year
Conference Papers (Accepted)						
1	Shamsuddin Latha ^{1,2,3} , S. Sharatchandran ² , K. Smith-Miles ³	Vision Assisted Safety Enhanced Shooting Range Simulator	National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics, 2010 (NCVPR/IMG)	--	Unrated	2012
2	Balamurali A R ^{1,2,3} , Debraj Manna ¹ , Pushpak Bhattacharyya ²	Cross Domain Sentiment Tagging Using Meta-Classifer and a High Accuracy In-Domain Classifier	8th International Conference on Natural Language Processing, 2010 (ICON)	--	Unrated	2010
3	Naveen Nair ^{1,2,3} , Anandraj Govindan ² , Chandher Jayaraman ² , Kiran TVS ² , Ganesh Ramakrishnan ²	Pruning Search Space for Weighted First Order Horn Clause Satisfiability	20 th International Conference on Inductive Logic Programming, 2010 Appeared in the electronic journal Springer. http://www.springerlink.com/content/19r1h7mj7871343u/	--	B	2010
4	Vikram Vishal ^{1,2,3}	An investigation into the stability of slope using geomechanical modelings	Proceedings of 98th Indian Science Congress, 2010-2011	--	Unrated	2011
5	Ganesh Soni ^{1,2,3} , Mira Mitra ² , Ramesh Singh ²	Effect of non-uniform load on buckling behaviour of composite laminates, with and without cutouts	International Conference on Composites for 21st Century: Current and Future Trends	--	Unrated	
6	Diksha Makwani ² , M. Srinivas Reddy ^{1,2,3} , Jemy James ² , R. Vijaya ²	Fabrication, characterization and band structure of 2-dimensional photonic crystal	International Conference on Photonics, 2010	--	Unrated	2010
7	Naveen Nair ^{1,2,3} , Ganesh Ramakrishnan ² , Shonali Krishnaswamy ²	Enhancing Activity Recognition in Smart Homes Using Feature Induction	International Conference on Data Warehousing and Knowledge Discovery (DaWaK), 2011 (Accepted). Appeared in the electronic journal Springer. Springer - Lecture Notes in Computer Science, 2011, Volume 6862/2011, 406-418. DOI: 10.1007/978-3-642-23544-3_31 http://www.springerlink.com/content/dn36l8133113181g/	--	B	2011
8	Kunal Singh ^{1,2,3} , V.K.Srivastava	Geoseismic characteristics of Kutchh region, Gujarat, India	International Conference IACMAG-2011	--	A	2011
9	Kunal Singh ^{1,2,3} , V. N. Bajpai	Identification of Fresh Groundwater Areas Using Remote Sensing and GIS	Indian Geotechnical conference, Mumbai Chapter, 2010 (IGS)	--	Unrated	2010
10	A. K Singh, Kunal Singh ^{1,2,3} , P. Boruah	Pre-Grouting in the HRT of Teesta III Hydroelectric Power Project, North Sikkim, India	International Conference on Underground Space Technology, 2011	--	Unrated	2011
11	Deval Bhamare ^{1,2,3} , Ashutosh Upadhyaya ² , Saurabh Mehta ² , Ashwin Kshirasagar ² , Ashwin Gumaste ²	The BVID Allocation Problem in 802.11qay Provider Backbone Bridged Traffic Engineered Networks	ICC 2011	--	B	2011
12	Ramkumar R ^{1,2,3}	Automatic Identification of Affective States Using Student Log Data in ITS	The 15th International Conference on Artificial Intelligence in Education, 2011	--	Unrated	2011
13	Aditya Joshi ² , Balamurali A R ^{1,2,3} , Pushpak Bhattacharyya ² , Rajat Mohanty	C-Feel-It: A Sentiment Analyzer for Micro-blogs	ACL2011-Association of Computational Linguistics	--	A	2011
14	Shamsuddin Latha ^{1,2,3} , K. Smith-Miles ³ , S. Sharatchandran ²	Projection Defocus Correction using Adaptive Kernel Sampling and Geometric Correction in Dual-planar Environments	PROCAMS 2011 -IEEE International Workshop on Projector-Camera Systems	--	Unrated	2011
15	Balamurali A R ^{1,2,3} , Aditya Joshi ² , Pushpak Bhattacharyya ²	Robust Sense-Based Sentiment Classification	ACL2011-Association of Computational Linguistics	--	A	2011
16	Amarin G McDonnell ¹ , Sharadwata Pan ^{1,2,3} , David Hill ¹ , Michael K Danquah ¹ , James R Friend ¹ , Leslie Y Yeo ³ , Ranganathan Prabhakar ³	Microfluidic Extensional Rheology of Suspensions of Motile Microbes	CHEMECA 2011	--	B	2011
17	Bharat S Padekar ^{1,2,3} , V.S.Raja ² , R. K. Singh Raman ³	Determination of threshold stress intensity factor (KQSCC) of a rare earth containing Mg-Mn hot rolled alloy using compact tension specimen	CORCON 2011	--	Unrated	2011
18	Balamurali A R ^{1,2,3} , Aditya Joshi ² , Pushpak Bhattacharyya ²	Harnessing WordNet senses for Supervised Sentiment Classification	EMNLP 2011 : Conference on Empirical Methods in Natural Language Processing	--	A	2011
19	R. Adani ² , B. Sarkar ² , T. Patil ² , D. Banerjee ^{1,2,3} , P. Suggiseti ¹ , S. Ganguly ² , D. Saha ²	Temperature Dependent Characteristics of Fe/n-GaN Schottky Diodes	2011 International Conference on Solid State Devices and Materials (SSDM 2011)	--	Unrated	2011
20	D Banerjee ^{1,2,3} , T Pramanik ² , R Adani ² , T Patil ² , P Suggiseti ¹ , Swaroop Ganguly ² , Dipankar Saha ²	Effect of Drift on Spin Polarization in a Spin-LED	MMM 2011	--	Unrated	2011
21	Anu Thomas ^{1,2,3} , Mohan Krishnamoorthy ^{1,3} , Gaurav Singh, Jayendran Venkateswaran ²	Collaborative Services Provision in Production-Logistics-Scheduling: A Coal Industry Example	2nd International Conference on Services in Emerging Markets (ICSEM-2011)	--	Unrated	2011
22	Dhananjai Verma ^{1,2,3} , Deepankar Choudhury ² , P. G. Ranjith ³ , T. N. Singh ²	Scale Effect on Strength and Failure Modes of Open Pit Cut Slope of Wardha Valley coalfield in India	Geo congress conference USA 2012	--	A	2011
23	Sharadwata Pan ^{1,2,3} , D. A. Nguyen ¹ , P. Sunthar ² , Tam Sridhar ³ , J.R. Prakash ³	The shear rheology of semi-dilute DNA solutions	The Society of Rheology 83rd Annual Meeting CHEMECA 2011	--	Unrated	2011
24	V. Vishal ^{1,2,3} , T. N. Singh ² , Ranjith P.G. ³	Carbon Capture and Storage in Indian Coal Seams	Carbon Management Technology Conference (SPE Conference)	--	Unrated	2011
25	Ashutosh Kainthola ² , Dhananjai Verma ^{1,2,3} , T N Singh ²	Numerical simulation of a Road cut slope along SH-72, Mahabaleswar, Maharashtra, India	GEO Summit-2011 Annual Convention on Geo-Spatial Technologies and Application	--	Unrated	2011
26	Jyoti M. Bhat, Sukriti Goel ^{1,2,3}	Mining Transaction Data for Process Instance Monitoring in Legacy Systems	American Conference on Information Systems 2011 (AMCIS 2011)	--	A	2011
27	Bharat S Padekar ^{1,2,3} , V S Raja ² , R. K. Singh Raman ³ , Lyon Paul	Stress corrosion cracking of rare-earth containing magnesium alloy Elektron 21 Compared with AZ91E using slow strain rate test	NACE International, Corrosion 2012, Conference & Expo, USA.	--	A	2011
28	Debashree Banerjee ^{1,2,3} , Swaroop Ganguly ² , and Dipankar Saha ²	Effects of Device Geometry on Output Circular Polarization in a Spin-LED	IEEE Intermag Conference	--	Unrated	2011
29	Rinkel Jindal ^{1,2,3} , VS Raja ² , MA Gibson, CR Hutchinso ³	The Effect of Crystallization State on the Corrosion Behaviour of Al-Ni-Y Glassy Alloys	NACE International - Corrosion 2012	--	A	2012
30	Amarin G. McDonnell ¹ , Sharadwata Pan ^{1,2,3} , David Hill ¹ , Michael K Danquah ¹ , James R. Friend, Leslie Y. Yeo ³ , Ranganathan Prabhakar ³	Measurements of extensional viscosities of suspensions of motile microbes	IUTAM Symposium on MOBILE PARTICULATE SYSTEMS: Kinematics, Rheology and Complex Phenomena	--	Unrated	
31	Naveen Nair ^{1,2,3} , Amrita Saha ² , Ganesh Ramakrishnan ² , Shonali Krishnaswamy ²	Rule Ensemble Learning using Hierarchical Kernels in Structured Output Spaces	AAAI 2012	--	A	2012
32	Balamurali A R ^{1,2,3} , Aditya Joshi ² , Pushpak Bhattacharyya ²	Cost and Benefit of Using WordNet Senses for Sentiment Analysis	Language Resources and Evaluation (LREC-2012)	--	Unrated	2012
33	Anjana Shankar ² , Deval Bhamare ^{1,2,3} , Mohan Krishnamoorthy ^{1,3} , Ashwin Gumaste ²	Virtual Machine Migration using Carrier Ethernet in Data Center and Cloud Environments	IEEE GLOBECOM 2012	--	B	2012
34	Naveen Nair ^{1,2,3} , Amrita Saha ² , Ganesh Ramakrishnan ² , Shonali Krishnaswamy ²	Challenges in Learning Optimum Models for Complex First Order Activity Recognition Settings	AAAI 2012	--	A	2012
35	Kamal Murari ^{1,2,3} , Edoardo Daly ² , Subimal Ghosh ²	Change in intensity-duration relationship of extreme temperature episodes in transient climate over India	AOGS - AGU (WPGM) Joint Assembly	--	Unrated	2012
36	N. R. Raykar ^{1,2,3} , S. K. Maiti ² , R. K. Singh Raman ³	Influence of hydrostatic stress distribution on the modelling of hydrogen assisted stress corrosion crack growth	10th World Congress on Computational Mechanics (WCCM2012)	--	A	2012
37	Kunal K. Singh ^{1,2,3} , D. N. Singh ² , P.G. Ranjith ³	Effect of Grain Geometry on the Fracture Permeability	Monash University Civil Engineering Post graduate conference 2011	--	Unrated	2012
38	Ramkumar Rajendran ^{1,2,3} , Sridhar Iyer ² , Sahana Murthy ²	Mathematical Modeling of Frustration From Literature Driven Data For An ITS	ICALT 2012	--	B	2012

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39	Ajay Nagesh ^{1,2,3} , Ganesh Ramakrishnan ² , Laura Chiticariu, Rajasekar Krishnamurthy, Ankush Dharkar, Pushpak Bhattacharyya ²	Towards Efficient Named-Entity Rule Induction for Customizability.	EMNLP (Empirical Methods in Natural Language Processing) 2012 conference	--	A	2012
40	Ganesh Soni ^{1,2,3} , Ramesh Singh ² , Mira Mitra ³ , Brian Fazon ¹	A Multilayer Multifibre Representative Volume Element (M ² RVE) For Prediction Of Matrix And Interfacial Damage In Composite Laminates	15th European conference on composite material(ECCM 15)	--	Unrated	2012
41	Naveen Nair ^{1,2,3} , Ajay Nagesh ^{1,2,3} , Ganesh Ramakrishnan ²	Towards Learning Optimal Markov Logic Networks for Sequence Labeling	Inductive Logic Programming, 2012	--	B	2012
42	Subhabrata Mukherjee ² , Akshat Malu ² , Balamurali A.R. ^{1,2,3} , Pushpak Bhattacharyya ²	TwisSent: A Multistage System for Analyzing Sentiment in Twitter	ACM International Conference on Information and Knowledge Management CIKM	--	A	
43	Akash Nigam ^{1,2,3} , Günter Schwabegger, Mujeeb Ullah, Rizwan Ahmed, Ivan I. Fishchuk, Andrey Kadashchuk, Clemens Simbrunner, Helmut Sitter, Malin Premaratne ³ , V.Ramgopal Rao ²	Anisotropic Strain Effect on Electron Transport in C60 Organic Field Effect transistors	Material Research Society MRS Online Proceedings Library / Volume 1501 / 2013 http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=8830385	--	Unrated	2013
44	Rinkel Jindal ^{1,2,3} , V.S. Raja ² , M.A. Gibson, C.R. Hutchinson ³	The Influence of Ni on Crystallization and Electrochemical Corrosion Behaviour of Al ₉₆ Ni ₄ Y ₄ Glassy Alloys	Gordon Research Conference- Aqueous corrosion, New London (NH), USA	--	Unrated	
45	V.S. Raja ² , Rinkel Jindal ^{1,2,3} , M.A. Gibson, C.R. Hutchinson ³	Corrosion Control Mechanisms in Alloys: A Study Using Al-Ni-Y Amorphous Alloy System	IWCEM 2012	--	Unrated	2012
46	Rinkel Jindal ^{1,2,3} , V.S. Raja ² , M.A. Gibson, C.R. Hutchinson ³	Effect of Crystallization on the Corrosion Resistance of Rapidly Solidified Alloys	MR 2012	--	Unrated	2012
47	Anu Thomas ^{1,2,3} , Mohan Krishnamoorthy ³ , Gaurav Singh, Jayendran Venkateswaran ²	A Single Machine Scheduling Problem with Partial Information Sharing	International Conference on Optimization, Computing & Business Analytics (ICOCBA 2012) / 45th Annual Convention of Operational Research Society of India	--	Unrated	2012
48	Niraj Ramesh Dayama ^{1,2,3} , Mohan Krishnamoorthy ^{1,3} , Narayan Rangaraj ² , Vishnu Narayanan ²	Algorithms and solution techniques for multiple cranes' scheduling problem at cargo container trans-shipment terminals	International Conference on Optimization, Computing & Business Analytics (ICOCBA 2012) / 45th Annual Convention of Operational Research Society of India	--	Unrated	2012
49	Shamsuddin Ladha ^{1,2,3} , K Smith-Miles ³ , S. Sharatchandran ²	Multi-User Natural Interaction with Sensor on Activity	IEEE Workshop on User-Centred Computer Vision, 2013	--	Unrated	2013
50	Balamurali A R ^{1,2,3} , Aditya Joshi ² , Pushpak Bhat tacharyya ²	Cross-Lingual Sentiment Analysis for Indian Languages using Linked WordNets	International Conference on Computational Linguistics (COLING-2012), Mumbai, India	--	Unrated	2012
51	Priyanka Gupta ^{1,2,3} , Paul Verma ³ , Kerry Hourigan ² , Jayesh Bellare ² , Sameer Jadhav ²	Metabolic Analysis of Fibroblast Conditioned Media and Comparison with Theoretical Modeling	International conference on Biotechnology and Pharmaceutical Sciences 2012	--	Unrated	2012
52	Gunjan Gupta ^{1,2,3} , Nick Birbilis ³ , A.S.Khanna ²	Corrosion resistant double stranded conducting polymer nanocomposite coating for aircraft applications.	33rd Australasian Polymer Symposium at Hobart, Australia, published in the 33rd Australasian Polymer Symposium proceedings ISBN number: 978-0-646-57205-5	--	Unrated	
53	Gunjan Gupta ^{1,2,3} , A.S.Khanna ² , Nick Birbilis ³	Electrochemical impedance study of corrosion resistance conducting polymer coating for aircraft AA2024 alloy	SSPC 2011	--		2011
54	Balamurali A R ^{1,2,3} , Mitesh Khapra, Pushpak Bhattacharyya ²	Lost in Translation: An Empirical Study on Cross Language Sentiment Analysis	International Conference on Intelligent Text Processing and Computational Intelligence (CICLING 2013), Samos, Greece	--	B	2013
55	Aarathi Nandakumar ^{1,2,3} , Andreas T. Ernst ³ , Mohan Krishnamoorthy ^{1,3} , Narayan Rangaraj ² , Vishnu Narayanan ²	The Personnel Task Scheduling Problem with Variable Finish Times	International Conference on Optimization, Computing & Business Analytics (ICOCBA 2012) / 45th Annual Convention of Operational Research Society of India	--	Unrated	2012
56	Naresh Nalajala ^{1,2,3} , Bradley P Ladewig ³ , Manoj Neergat ²	Shape-controlled core (Pd)-shell (Pt) catalysts for electrocatalysis of ORR in fuel cells	223rd ECS Meeting in Toronto, Ontario, Canada	--	Unrated	
57	Amrita V. Poyekar ^{1,2,3} , Arup R. Bhattacharyya ² , Ajay S. Panwar ² , George P. Simon ³	Interfacial localization of multiwall carbon nanotubes in polyamide6 and acrylonitrile butadiene styrene co-polymer blends in the presence of a reactive compatibilizer	PPS-28 conference	--	Unrated	
58	N.Srinivasan ^{1,2,3} , V.Kain, I.Samajdar ² , K.Narasimhan ² , C.R.Hutchinson ³	Effect of heat treatment on sensitization behavior of cold rolled AISI 304L stainless steel	CORCON 2012	--	Unrated	2012
59	Rinkel Jindal ^{1,2,3} , V.S. Raja ² , M.A. Gibson ³ , C.R. Hutchinson ³	Influence of Annealing on Mechanical and Electrochemical Corrosion Properties of Rapidly Solidified Al87Ni9Y4 Glassy Alloy	International Symposium for the research Scholar organised by NACE	--	Unrated	2013
60	K. K. Singh ^{1,2,3} , D. N. Singh ² , P.G. Ranjith ²	Permeability of the fractured rockmass - A review	22nd ACMSSM: Materials to Structures: Advancement through Innovation	--	Unrated	
61	Saurabh Nene ^{1,2,3}	Effect of rolling on microstructure and tensile properties of newly developed Mg-4Li-1Ca alloy	THERMEC '2013	--	Unrated	2013
62	Kamlesh Pawar ^{1,2,3} , Arjun Arunachalam ² , Gary Egan ³ , Jingxin Zhang ³	Noiselet Encoded Compressive Sensing Parallel MRI	10th IASTED International Conference on Biomedical Engineering, Innsbruck, Austria	--	A	
63	Kamlesh Pawar ^{1,2,3} , Gary Egan ³ , Jingxin Zhang ³	Accelerating k-t sparse using k-space aliasing for dynamic MRI imaging	35th Annual International Conference of IEEE in Engineering Medicine in Biology, Osaka, Japan	--	A	
64	Ajay Nagesh ^{1,2,3} , Naveen Nair ^{1,2,3} , Ganesh Ramakrishnan ²	Comparison between Explicit Learning and Implicit Modeling of Relational Features in Structured Output Spaces	23rd International Conference on Inductive Logic Programming (ILP 2013)	--	B	2013
65	Vishal V ^{1,2,3} , Ranjith PG ² , Singh TN ²	Development of reconstituted Indian coals to investigate coal response to carbon dioxide exposure	(ISRM)47th US Rock Mechanics / Geomechanics Symposium, San Francisco, USA	--	A	
66	Kashyap Popat ² , Balamurali A.R ^{1,2,3} , Pushpak Bhattacharyya ² , Gholamreza Haffari ²	The Haves and the Have-Nots: Leveraging Unlabelled Corpora for Sentiment Analysis	ACL 2013, Sofia, Bulgaria,	--	A	2013
67	Bharat S. Padekar ^{1,2,3} , V. S. Raja ²	Stress Corrosion Cracking Studies of a Wrought Mg-Mn Alloy in Chloride Solutions Using Constant Load Technique	NIGIS * CORCON 2013 * Sept 30 – Oct 3, 2013 * New Delhi	--	Unrated	2013
68	A. Gumaste ² , S. Bidkar, C. Taunk, D. Bhamare ^{1,2,3}	Using MPLS-TP for Data-Center Interconnectio	Broadnets 2010, Athens Greece Oct 2011.	--	Unrated	2011
69	C. Vaishampayan, S. Bidkar, S. Mehta, D. Bhamare ^{1,2,3} , A. Gumaste ²	Demonstrating OpenFlow over a Carrier Ethernet Switch Router (CESR) – A Services Perspective	NOC 2012.	--	Unrated	2012
70	S. Bidkar, S. Mehta, D. Bhamare ^{1,2,3} , N. Bajaj, A. Medhekar, A. Gumaste ²	Circuit Performance in a Packet Network: Demonstrating Integrated Carrier Ethernet Switch Router (CESR)+Optical Transport Network (OTN)	ICNC 2013.	--	Unrated	2013
71	Deval Bhamare ^{1,2,3} , Sarvesh Bidkar, Ashwin Gumaste ²	Is Carrier Ethernet = Software Defined Networks?	IWON 2013	--	Unrated	2013
72	Deval Bhamare ^{1,2,3} , Ashwin Gumaste ² , Mohan Krishnamoorthy ^{1,3} , Niraj Dayama ^{1,2,3}	Multi-Layer Optimization for Service Provider Transport Networks	Tier-1 Conference '38th Annual IEEE Conference on Local Computer Networks	--	Unrated	
73	Swati Gaur ^{1,2,3} , A.S. Khanna ² , R.K. Singh Raman ³	In-vitro Evaluation of Degradation of Biodegradable Silane Based Coating on Mg-Zn-Ca Alloy in a Physiological Environment	Light Metals Technology, 2013, Material Science Forum, ISSN: 1662-9752	--	Unrated	2013

No.	Authors	Title of Paper/Chapter	Journal/Conference/Book	Impact Factor	ERA Ranking	Year
74	V. Vishal ^{1,2,3} , Ranjith P.G. ¹ , T. N. Singh ²	Geomechanical attributes of reconstituted Indian coals under carbon dioxide saturation	EUROCK – 2013, ISRM Symposium, Wroclaw, Poland.	--	Unrated	2013
75	Bharat S Padekar ^{1,2,3} , V S Raja ² , R. K. Singh Raman ¹	Slow Strain Rate Test and Constant Load Test on a Wrought Mg-Mn Alloy in 3.5 wt. % NaCl Solution	CORCON International conference and Expo	--	Unrated	
76	Prasanna S. Gandhi ² , Prashant Agrawal ^{1,2,3} , Deepak S.A. ² , Adrian Neld ¹ , S. Kulkarni ²	Experimental measurement of vibration of liquid droplets at low bond numbers using espi	AIAA Fluid Dynamics Conference San Diego, California	--	Unrated	
77	Nidhi Tiwari ^{1,2,3} , Ravi Kumar Gelli, Rushikesh Joshi ²	Towards End-to-End Multi-dimensional Quality Evaluation of Business Process Models	BPM 2013 conference	--	Unrated	2013
78	Patel ² , Singh D.N. ¹ Singh K.K. ^{1,2,3}	Performance Analysis of Piezoceramic Elements in Soils	Geotechnical and Geological Engineering, 28, 2010	--	Unrated	2012
79	Jayanth S., Rvaitje P., Jha B., Patil B., Shrinivas K., Venkat U.K., Kumar P.G.P., Gumaste S.D., Singh K.K. ^{1,2,3} , Singh D.N. ²	Instrumentation for Modeling Geoenvironmental Engineering Problems	The 13th International Conference of the International association for Computer methods and Advances In Geomechanics, Melbourne, Australia	--	Unrated	
80	N. Muthu ^{1,2,3} , B.G. Falzon ³ , S.K. Maiti ² , S. Khoddam ³	Modelling Crack Propagation in Particle-Reinforced Composites using the Element-Free Galerkin Method	International Conference on Composite Materials	--	A	
81	Anu Thomas ^{1,2,3} , Gaurav Singh, Mohan Krishnamoorthy ^{1,3} , Jayendran Venkateswaran ²	Decentralised supply chain coordination: role of information and cloud computing	17th annual conference of SOM.	--	Unrated	
82	Ruchi Grover Wankhede ^{1,2,3} , Shantaram Morey, A.S. Khanna ² , N. Birbillis ³	Development of water-repellent organic-inorganic hybrid sol-gel coatings on aluminum using short chain perfluoro polymer emulsion ²	Applied Surface Science 283 (2013) 1051– 1059	--	Unrated	2013
83	Ruchi Grover Wankhede ^{1,2,3} , Shantaram, Karan Thanawala ^{1,2,3} , Anand Khanna ² , Nick Birbillis ³	Development of Hydrophobic Non-Fluorine Sol-Gel Coatings on Aluminium Using Long Chain Alkyl Silane Precursor ²	Journal of Materials Science and Engineering A 3 (4) (2013) 224-231	--	Unrated	2013
84	Mousami Prasad, Sourav Sengupta ^{1,2,3} , T T Niranjan ² , Ashish Pandey	Study of Motivation of Undergraduate Engineering Students towards Academics: An Actors Approach Perspective	7th ISDSI & 5 th OSCM International Conference, 2013	--	Unrated	2013
85	Sourav Sengupta ^{1,2,3} , Tarikere T Niranjan ²	Revisiting Service Triads	7th ISDSI & 5 th OSCM International Conference, 2013	--	Unrated	2013
86	Darshak Bhatt ^{1,2,3} , Jayanta Mukherjee, Jean-Michel Redoute	A High Isolation Linear Folded Mixer for WiFi Applications	International Symposium on Circuits and Systems (ISCAS-2014)	--	Unrated	2014
87	Pan Sharadwata ^{1,2,3} , Sunthar P ¹ , Sridhar T ¹ , Prakash J Ravi	Universal crossover of static and dynamic properties of dilute DNA solutions .	CHEMECA 2012 (CHEMICAL Engineering Conference Australia)	--	B	2012
88	Duc At Nguyen, Sharadwata Pan ^{1,2,3} , P. Sunthar ² , T. Sridhar ³ , J. Ravi Prakash	The extensional rheology of semi-dilute DNA solutions	CHEMECA 2013 (CHEMICAL Engineering Conference Australia)	--	B	2013
89	Pan Sharadwata ^{1,2,3} , Nguyen Duc At, Sunthar P ² , Sridhar Tamarapu ³ , Prakash, J Ravi	Temperature-superposition of shear-thinning of Semi-dilute DNA solutions.	PPS 2013 (Asia Australia Conference of the Polymer Processing Society, USA)	--	Unrated	2013
90	Balamurali A R ^{1,2,3} , Subhabrata Mukherjee, Akshat Malu, Pushpak Bhattacharyya	Leveraging Sentiment to Compute Word Similarity	Global WordNet Conference, 2012 (GWC)	--		
91	Ganesh Soni ^{1,2,3} , Saurabh Gupta, Ramesh Singh ² , Mira Mitra ² , Wenyi Yan ³ , Brian G. Falzon ³	STUDY OF LOCALIZED DAMAGE IN COMPOSITE LAMINATES USING MICRO-MACRO METHOD	Composite Structures	--	A	2013
92	Aditya Joshi ^{1,2,3} , Kashyap Popat ² , Shubham Gautam, Pushpak Bhattacharyya ²	Making Headlines in Hindi: Automatic English to Hindi News Headline Translation	ICNLP 2013 Nagoya, Japan	--	Unrated	2013
93	Amrita V. Poyekar ^{1,2,3} , Arup R. Bhattacharyy ² , Ajay S. Panwarab ² , George P. Simonac ³	Non-covalent Modification of the Multiwall Carbon Nanotubes by Polyaromatic Molecule to Prepare Conducting Composites	3rd FAPS Polymer Congress and MACRO - 2013	--	Unrated	2013
94	Rinkel Jindal ^{1,2,3} , V.S. Raja ² , M.A. Gibson, C.R. Hutchinson ³	The effect of partial crystallization on the corrosion properties of Al ₂₃ Ni ₃ Y ₄ and Al ₂₃ Ni ₃ Y ₆ metallic glasses	CORCON International conference and Expo, Goa	--	Unrated	2012
95	M. Srinivas Reddy ^{1,2,3} , R. Vijaya ² , I. D. Rukhlenko ³ , M. Premaratne ³	Tunable low- threshold lasing in photonic-crystal heterostructures	Proceedings of Frontiers in Optics/Laser Science XXIX (FIO/LS) 2013, Orlando, Florida, United States DOI: http://dx.doi.org/10.1364/FIO.2013.FW2E.4	--	Unrated	
96	Ramakrishna B Bairi ^{1,2,3} , Ambha A ² , Ganesh Ramakrishnan ²	Learning to Generate Diversified Query Interpretations using Biconvex Optimization	ICNLP, International Joint Conference on Natural Language Processing, pages 733–739, Nagoya, Japan, 14-18 October 2013	--		2013
97	Ramakrishna Bairi ^{1,2,3} , Ambha A ² , Ganesh Ramakrishnan ²	Rel-Div: Generating Diversified Query Interpretations from Semantic Relations	PREMI, 5th International Conference, PREMI 2013, Kolkata, India, December 10-14, 2013.	--	B	2013
98	Nidhi Tiwari ^{1,2,3} , Santonu Sarkar, Umesh Bellur ² , Maria Indrawan ³	An Empirical Study of Hadoop's Energy Efficiency on a HPC Cluster	ICCS 2014 conference	--	Unrated	2014
99	S. Boyapati ^{1,2,3} , D. Das, M. Shojaei Baghini, J. M. Redoute	A Balanced CMOS OpAmp with High EMI Immunity	EMC Europe, 2014, Sweden	--	A	2014
100	Abhijit Mishra, Aditya Joshi ^{1,2,3} , Pushpak Bhattacharyya ²	A cognitive study of subjectivity extraction in sentiment annotation	5th Workshop on Computational Approaches to Subjectivity, Sentiment & Social Media Analysis (WASSA) at Conference of the Association for Computational Linguistics (ACL) 2014 (WASSA-ACL)	--		2014
Conference Papers - Submitted						
1	Sukriti Goel ^{1,2,3} , Umesh Bellur ²	Method for Reduction of Test Cases for a Flexible Business Process	ICST 2013	--	C	2013
2	Amrita Saha, Naveen Nair ^{1,2,3} , Ganesh Ramakrishnan ²	Optimally Extracting Disjunctive Features for Dimensionality Reduction	ECML-PKDD	--	Unrated	--
3	M. Srinivas Reddy ^{1,2,3} , R. Vijaya ² , Ivan D. Rukhlenko ³ , Malin Premaratne ³	Tunable low-threshold lasing in photonic-crystal heterostructure	FIO/LS-Frontiers in optics-2013/Laser science	--	Unrated	2013
4	Sukriti Goel ^{1,2,3} , Umesh Bellur ²	Ontological Evaluation of Petri Nets – A Revisit	Workshop on Business Process Design in June 2013	--	Unrated	2013
5	Akshaya Swain ^{1,2,3} , Lina Pradhan ² , D. Bahadur ²	Magnetic Studies of Biocompatible Graphene Ferrofluid	Magma 2013	--	Unrated	2013
6	A. Tripathi ^{1,2,3} , I. Samajdar ² , A. Tewari ² , N. Srinivasan, G.M. Reddy, J.F. Nie ³	Effect of coolant on the texture and micro structure developments during Friction stir processing of Magnesium alloy AZ31	THERMEC 2013, Las Vegas, USA	--	Unrated	2013
7	Akash Nigam ^{1,2,3} , Pradeep Nair, Malin Premaratne, V. Ramgopal Rao,	Investigating the validity of Unintentional Doping in Pentacene	IU-MRS'2013	--	Unrated	2013
8	Anjana Shankar ² , Deval Bhamare ^{1,2,3} , Mohan Krishnamoorthy ^{1,3} , Ashwin Gumaste ²	Optimizing Transport Technology Choices for Virtual Machines (VMs) in Data-Center and Cloud Environments	National Conference on Communications (NCC)	--	C	--
9	Siddharth Gadkar ^{1,2,3} , Ranganathan Prabhakar ³	Role of self-concentration and coil-stretch hysteresis in electrospinning of nominally dilute polymer solutions.	20th Australian Institute of Physics Congress (AIP Congress), 2012	--	Unrated	2012

No.	Authors	Title of Paper/Chapter	Journal/Conference/Book	Impact Factor	ERA Ranking	Year
10	D. Banerjee ^{1,2,3} , P. Upadhyay, M. B. Nadar, S. Ganguly ² , D. Saha ²	Nanowire Formation on InGaN-based Quantum Well Hetero-structure by Wet Chemical Etching	Device Research Conference, 2014			2014
11	Prashant Agrawal ^{1,2,3} , Prasanna S. Gandhi ² , Adrian Neild ¹	Fluid Spreading Characteristics due to Substrate Modal Vibrations	ASME International Mechanical Engineering Congress and Exposition 2014			2014
12	Prashant Agrawal ^{1,2,3} , Prasanna S. Gandhi ² , Adrian Neild ¹	Microparticle Trapping in Streaming Flows in Open Rectangular Chambers Undergoing Low Frequency Vertical Vibrations	ASME International Mechanical Engineering Congress and Exposition 2014			2014
13	Prasanna S. Gandhi ² , Prashant Agrawal ^{1,2,3} , Deepak S ¹ , A. Adrian Neild ¹ , Salil S. Kulkarni ²	Experimental Measurement of Vibration of Liquid Droplets at Low Bond Numbers using ESPI	5th International and 41st National Conference on Fluid Mechanics and Fluid Power 2014			
14	Ruchi Grover Wankhede ^{1,2,3} , N. Birbilis ¹ , A.S.Khanna ²	Development of ultra-hydrophobic non- fluorine sol-gel films on aluminium alloy	33rd Australasian Polymer Symposium proceedings, ISBN number: 978-0-646-57205-5	--	Unrated	
Conference Presentations and Posters						
1	B.S. Padekar ^{1,2,3} , V.S.Raja ² , R. K. Singh Raman ¹	Stress Corrosion Cracking Behavior of a Magnesium Alloy	63rd ATM, Indian Institute of Metals, 2009 (NMD-ATM Kolkata)	--	Unrated	2009
2	Amrita V. Poyekar ^{1,2,3} , Arup R. Bhattacharyya ² , Amrita Talapatra, Rupesh A. Khare ² , S. Bose ² , Ajit R. Kulkarni ²	Confinement of multiwall carbon nanotubes in co-continuous PA6/ABS blends: processing, structure and properties	20 th Annual General meeting of the Materials Research Society of India (MRSI), Kolkata, India.		Unrated	--
3	Bharat S. Padekar ^{1,2,3}	Stress Corrosion Cracking Behavior of Mg-Mn Magnesium Alloy	MR 2010, Symposium for material research scholar, IIT Bombay, 7 and 8 May, 2010	--	Unrated	2010
4	Aditya Joshi ² , Balamurali A R ^{1,2,3} , Pushpak Bhattacharyya ²	A Fall-back Strategy for Sentiment Analysis in a New Language: a Case Study for Hindi	8th International Conference on Natural Language Processing, 2010 (ICON), Poster	--	C	2010
5	Amrita V. Poyekar ^{1,2,3} , Arup R. Bhattacharyya ² , Rupesh A. Khare ² , Jitendra K. Mishra ² , Subhabrata Dhar ² , George P. Simon ¹	Conducting composites of multiwall carbon nanotubes involving co-continuous blends of polyamide 6 and acrylonitrile butadiene styrene	ANM Annual Symposium at CGCRI, Kolkata (December 2010), Poster	--	Unrated	2010
6	Shamsuddin Ladha ^{1,2,3} , Sharat Chandran ² , Kate Smith-Miles ³	Adaptive Kernel Sampling for Projector Defocus Blur Correction with Indirect Illumination Compensation in Multiplanar Environments	Tech vista, Pune 2011 (Accepted), Poster	--	Unrated	2011
7	Gottimukkala Chittibabu ^{1,2,3} , R. L. Coppel ¹ , S. B. Noronha ²	Production of Malaria vaccine candidate MSP-5 in <i>Bacillus subtilis</i>	11th General Meeting of the American Society for Microbiology, Poster	--	Unrated	
8	Gottimukkala Chittibabu ^{1,2,3} , S. B. Noronha ² , R. L. Coppel ¹	Secretory Expression of Functional Malaria Vaccine Candidate Plasmodium falciparum MSP-1 ₁₉ (Pf MSP-1 ₁₉) from <i>Bacillus Subtilis</i>	SIM 2011 Annual Meeting and Exhibition (Poster)	--	Unrated	2011
9	R Chakrabarti ^{1,2,3} , S Patankar ² , RL Coppel ¹ , BM Cooke ³	Understanding microtubule function and dynamics in <i>Babesia</i> parasites.	2011 Australian Society for Parasitology (ASP) Annual Conference (Poster)	--	Unrated	2011
10	Anu Thomas ^{1,2,3} , Mohan Krishnamoorthy ^{1,3} , Gaurav Singh, Jayendran Venkateswaran ²	Collaborative resource constrained scheduling : A coal industry example	19th Triennial Conference of the International Federation of Operational Research Societies (IFORS2011), Melbourne, Australia.	--	Unrated	2011
11	Naveen Nair ^{1,2,3} , Ganesh Ramakrishnan ² , Shonali Krishnaswamy	A Louder Scream: Using mobile Phones to Call for Attention in Isolated Places	I-CARE 2011 & IBM Centennial Colloquia	--	Unrated	2011
12	Sharadwata Pan ^{1,2,3} , P. Sunthar ² , T. Sridhar ² , and J. Ravi Prakash ²	Effects of Solvent Quality on Static and Dynamic Properties of dilute DNA solutions	COMPFLU 2010 (SERC School and Fifth National Symposium on "Rheology of Complex Fluids")	--	Unrated	2010
13	Sharadwata Pan ^{1,2,3} , Duc At Nguyen, P. Sunthar ² , T. Sridhar ³ , J. Ravi Prakash ²	Shear Rheology of Semi-dilute DNA solutions	COMPFLU 2012 (SERC School and Sixth National Symposium on "Rheology of Complex Fluids")	--	Unrated	2012
14	Aarthi Nandakumar ^{1,2,3} , Mohan Krishnamoorthy ^{1,3} , Andreas T. Ernst, Vishnu Narayanan ² , Narayan Rangaraj ²	The Personnel Task Scheduling Problem with Variable Task Lengths and Spread Time Constraints	IWOCA 2012.	--	B	2012
15	Priyanka Gupta ^{1,2,3} , Kerry Hourigan ³ , Sameer Jadhav ¹ , Jayesh Bellare ² , Paul Verma ³	Comparison of tropoelastin with gelatin and matrigel as attachment matrix for mouse embryonic stem cells	World Congress on Biotechnology 2012	--	Unrated	2012
16	Gunjan Gupta ^{1,2,3} , A.S.Khanna ² , Nick Birbilis ³	Synthesis and performance evaluation of conducting lignosulfonate doped polyaniline-montmorillonite nanocomposite coatings for aluminium AA2024 alloy.	Gordon research Seminar 2012 at New London, USA	--	Unrated	2012
17	Gunjan Gupta ^{1,2,3} , A.S.Khanna ² , Nick Birbilis ³	Corrosion Inhibition of Aluminium AA2024 alloy by lignosulfonate doped Conducting Polyaniline - Montmorillonite	TechConnect World 2012 Conference, Santa Clara, California, USA.	--	Unrated	2012
18	Gunjan Gupta ^{1,2,3} , A.S.Khanna ² , Nick Birbilis ³	Corrosion inhibition by Polyanilin/Graphene composite films	Gordon research Conference 2012 at New London, USA.	--	Unrated	2012
19	A.S.Khanna ² , Gunjan Gupta ^{1,2,3}	Inorganic-Organic Hybrid Nanocomposites : A Shift in Coating Performance	Chemical World Magazine in May 2010	--	Unrated	2010
20	A.Tripathi ^{1,2,3} , I. Samajdar ² , A. Tewari ² , A.K. Kanjarla, N. Srinivasan, G.M. Reddy, J.F.Nie	Texture and Microstructure Developments during Friction Stir Processing of Magnesium Alloy AZ31	MS & T 2013, Montreal, Canada	--	Unrated	2013
21	A.Tripathi ^{1,2,3} , I. Samajdar ² , A. Tewari ² , N. Srinivasan, G.M. Reddy, J.F.Nie	Effect of Multi Pass Friction Stir Processing on Texture and Microstructure of AZ31 Mg alloy	16th International Conference on Texture of Materials (ICOTM-16), IIT Bombay, India	--	Unrated	
22	A.Tripathi ^{1,2,3} , I. Samajdar ² , A. Tewari ² , J.F.Nie	Effect of Annealing time and temperature on the grain growth of Twin roll cast AZ31 Mg alloy	Fifth International Conference on Solidification Science and Processing, Bhubaneswar, India	--	Unrated	
23	A.Tripathi ^{1,2,3} , I. Samajdar ² , A. Tewari ² , N. Srinivasan, G.M. Reddy, J.F.Nie	Microstructure and Textural Evolution of AZ31 Mg alloy under Severe Plastic Deformation	ADNAM-2013, Chennai, India	--	Unrated	2013
24	Saumya Nigam ^{1,2,3} , Asmita Kumar, Qizhi Chen ¹ , D. Bahadur ²	Therapeutic effects of curcumin-loaded magnetic liposomes on cervical cancer	7th International Conference on Materials for Advanced Technologies	--	Unrated	--
25	Saumya Nigam ^{1,2,3} , Qizhi Chen ¹ , D. Bahadur ³	Comparative therapeutic performances of drug loaded magnetic dendritic nanoparticles towards various cancer cell lines	40th Annual Meeting and Exposition of Controlled Release Society	--	Unrated	--
26	N.Srinivasan ^{1,2,3} , A.K.Revelly ² , V.Kain ¹ ,c, I.Samajdar ² , C.R.Hutchinson , P.Sivaprasad	Anodic Polarization Behavior Of Cold Worked Austenitic Stainless Steel	Stainless Steel Centenary Symposium 2013, Advanced Materials Research	--	Unrated	2013
27	N.Srinivasan ^{1,2,3} , A.K.Revelly ² , S.S.Joshi ² , V.Kain ⁴ , I.Samajdar ² , C.R.Hutchinson	Role of the Maching Parameters on Low Temperature Sensitization Behavior of AISI 304L Stainless Steel	MR 13, Symposium for material research scholar, IIT Bombay, 2013	--	Unrated	2013
28	Shamsuddin Ladha ^{1,2,3} , Anup Agarwal, Kate Smith-Miles, Sharat Chandran	SmartPro: A Natural User Interface Driven Projector	Microsoft TechVista 2013	--	Unrated	2013
29	Chittibabu.Gottimukkala ^{1,2,3} , Charles Mab ¹ , Hans J. Netterb ¹ , Santosh B. Noronha ² , Ross J.Coppelb	Immunogenicity of Malaria Vaccine Candidate - Plasmodium falciparum Merozoite Surface Protein 5 (PfMSP5) Expressed in <i>Bacillus subtilis</i>	ICBEE 2013 New Delhi, India. September 14-15, 2013	--	Unrated	2013
30	Kamlesh Pawar ^{1,2,3} , Arjun Arunachalam ²	Simultaneous Image and K-space Domain Aliasing for Accelerating Dynamic MRI Scans	ISMRM 2012, Melbourne, Australia	--	Unrated	2012

No.	Authors	Title of Paper/Chapter	Journal/Conference/Book	Impact Factor	ERA Ranking	Year
31	Arjun Arunachalam ² , Kamlesh Pawar ^{1,2,3}	(RATE) Rapid MRI Acquisition using Tailored Signal Excitation modules: A K-space aliasing method to accelerate MRI scans	ISMRM 2012, Melbourne, Australia	--	Unrated	2012
32	Darshak Bhatt ^{1,2,3} , Prof. Jayanta Mukherjee, Prof. Jean-Michel Redoute ¹ , Mr. VK Shankar ² .	Study and design of integrated mixer and local oscillator topologies for WiFi and WIMAX systems with a high immunity to parasitic signal feedthrough.	Global University-Industry Congress	--	Unrated	--
33	Amrita V. Poyekar ^{1,2,3} , Arup R. Bhattacharyya ² , Ajay S. Panwar ² , George P. Simon ³	Formation and refinement of multiwall carbon nanotubes 'network-like' structure in polyamide6 and acrylonitrile butadiene styrene copolymer blends: Influence of melt-mixing time	PPS-2013	--	Unrated	2013
34	Amrita V. Poyekar ^{1,2,3} , Arup R. Bhattacharyya ² , Ajay S. Panwar ² , George P. Simon ³	Comparative study of state of dispersion of multiwall carbon nanotubes in presence of non-covalent modifiers in suspensions and in the blends of polyamide6 and acrylonitrile butadiene styrene copolymer	Asian Workshop on Polymer Processing (AWPP)	--	Unrated	--
35	Niraj Ramesh Dayama ^{1,2,3} , Andreas Ernst ³ and Mohan Krishnamoorthy ^{1,2,3}	Scheduling of heterogeneous resource for fixed tasks with sequence dependence	Austrelian Society for operations research ASOR	--	Unrated	--
36	Bharat S Padekar ^{1,2,3} , V.S.Raja ² , R. K. Singh Raman ³ , Lyon Paul .	Stress corrosion cracking of rare- earth containing magnesium alloy Elektron 21 Compared with AZ91E	5th International Light Metals Technology Conference, 2011 (Accepted)	--	Unrated	2011
37	Ruchi Grover Wankhede ^{1,2,3} , N. Birbillis ¹ , A.S.Khanna ²	Development of hydrophobic inorganic-organic waterborne coatings on aluminium via sol-gel route	Gordon Research Conference on Corrosion-Aqueous held July, 2012, NH United States.	--	Unrated	2012
38	Ruchi Grover Wankhede ^{1,2,3} , Karan Thanawala ^{1,2,3} , Anand Khanna ² , Nick Birbillis ¹	Nano-modified self cleaning sol-gel coatings	FAPS-Macro 2013, Bangalore, India	--	Unrated	2013
39	Amrita V. Poyekar ^{1,2,3} , Arup R. Bhattacharyya ² , Rupesh A. Khare, Jitendra K. Mishra, Subhabrata Dhar, George P. Simon	Conducting composites of multiwall carbon nanotubes involving co-continuous blends of polyamide 6 and acrylonitrile butadiene styrene	In-House Symposium for Materials Research Scholars, MR-11, 2011, IIT Bombay, India.	--	Unrated	2013
40	Amrita V. Poyekar ^{1,2,3} , Arup R. Bhattacharyya ² , Amrita Talapatra, Rupesh A. Khare, Ajit R. Kulkarni	Optimization of Processing parameters influencing AC electrical conductivity of PA6/ABS+MWNT composites	25th Annual Meeting of Polymer Processing Society, PPS-25, 2009, Goa, India.	--	Unrated	2013
41	Ruchi Grover Wankhede ^{1,2,3} , Anand Khanna ² , Nick Birbillis ¹	Nano-modified functional coatings	Annual Osker seminar, IITB-Monash research academy 2012	--	Unrated	2012
42	Sharadwata Pan ^{1,2,3} , Aashish Jain, Duc At Nguyen, P. Sunthar ² , T. Sridhar ³ , B. Dünweg and J. Ravi Prakash ³	Concentration dependent dynamics of semi-dilute DNA solutions	The Korean-Australian Rheology Conference 2011. From September 25-27th , 2011 at Daejeon, Korea.	--	Unrated	2011
43	Sharadwata Pan ^{1,2,3} , Aashish Jain, Duc At Nguyen, P. Sunthar ² , T. Sridhar ³ , B. Dünweg and J. Ravi Prakash ³	Concentration Dependent Dynamics of Semi-Dilute DNA solutions.	The XVth International Congress on Rheology at Lisbon (Portugal), from August 5 – 10th , 2012.	--	Unrated	2012
44	Sharadwata Pan ^{1,2,3} , Duc At Nguyen, P. Sunthar ² , T. Sridhar ³ , and J. Ravi Prakash ³	Shear rheology of semi-dilute DNA solutions: Close-to and Far from equilibrium	3rd FAPS Polymer Congress and MACRO – 2013.	--	Unrated	2013
45	Sharadwata Pan ^{1,2,3} , Duc At Nguyen, P. Sunthar ² , T. Sridhar ³ , J. Ravi Prakash ³	Unravelling the dynamics of Semi-dilute Polymer Solutions using DNA Rheology	9th Annual European Rheology Conference (AERC 2014)	--	Unrated	2014
46	M. Srinivas Reddy ^{1,2,3} , R. Vijaya ² , I. D. Rukhlenko ³ , M. Premaratne ³	Threshold features of photonic crystal heterostructure lasers	A focussed discussion meeting on metamaterials and photonic nanostructures, IITKanpur, India, Aug 16-17,2013	--		2013
47	M. Srinivas Reddy ^{1,2,3} , R. Vijaya ² , I. D. Rukhlenko ³ , M. Premaratne ³	Fabrication and Optical Analysis of Artificial Opal Films	INDO - US bilateral workshop on Nano Photonics and Nano Plasmonics , Department of Physics, Indian Institute of Science, Bangalore, Jan 9-12, 2012	--		2012
48	Ruchi Grover Wankhede, N. Birbillis, A.S.Khanna	Development of ultra-hydrophobic non- fluorine sol-gel films on aluminium alloy	33rd Australasian Polymer Symposium at Hobart, Australia	--		