

No.	Authors	Title of Paper	Journal/Conference	Impact Factor	ERA Ranking
Affiliation Details: 1. IITB-Monash Research Academy, 2. IIT Bombay, 3. Monash University					
Journal Papers					
1	Saumya Nigam ^{1,2,3} , K. C. Barick ² , D Bahadur ²	Development of citrate-stabilized Fe ₃ O ₄ 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
2	Goutam Sen ^{1,2,3} , Mohan Krishnamoorthy ^{1,3} , Narayan Rangaraj ² , Vishnu Narayanan ² , David Abramson ³	Data Location Problems in Complex Information Networks: A Literature Review	Computers and Operations Research (Submitted)	IF: 2.093 5-Year IF: 2.599	A
3	Mohan Krishnamoorthy ^{1,3} , Davaatasaren Baatar, Andreas Ernst	Algorithms for Large Scale Shift Minimisation Personnel Task Scheduling Problems	European Journal of Operational Research (Submitted)	IF: 2.093 5-Year IF: 2.599	A
4	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 (Submitted)	5-Year IF:2.443	A
5	Davaatasaren Baatar, Mohan Krishnamoorthy ^{1,3} , Andreas Ernst	A Column Generation based approach for solving The Shift Minimisation Personnel Task Scheduling Problem	Operations Research (Submitted)	IF: 2.093 5-Year IF: 2.599	A
6	Ganesh Soni ^{1,2,3} , Ramesh Singh ² , Mira Mitra ² , Brian Falzond ³	Buckling behaviour of composite laminates, with and without cutouts subjected to non-uniform inplane loads	Composite Structures (Submitted)	IF: 2.006 5-Year IF: 1.999	A
7	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 (Submitted)	IF: 2.072 (2009)	A
8	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 (Accepted)	IF: 1.447	A*
9	Siddharth B Gadkari ¹²³ , Rochish M Thoakar ²	Immersed viscous liquid threads in radial/axial electric fields	Fluid Dynamics Research (Submitted)	IF: 0.897 (2009)	B
10	Ashutosh Kainthola ² , Dhananjai 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
11	Ashutosh Kainthola ² , Dhananjai 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 (Accepted)	--	Unrated
12	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 (Submitted)	IF: 1.442 (2010)	A*

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13	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".	IF: 1.033	B
14	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(Accepted)	IF: 0.530	B
15	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 (Accepted)	IF: 0.396 (2010)	C
16	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(Accepted)	IF: 3.602 (2010)	A*
17	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 (Accepted)	IF: 0.530	B
18	V. Vishal ^{1,2,3} , Lokendra Singh ² , T. N. Singh ²	Analogue modeling of Gondwana coal seams in India as coalbed methane reservoirs substituted for carbon dioxide sequestration	Environmental Modelling and Software (Submitted)	IF: 2.900 (5 yrs)	A
Conference Papers					
19	Shamsuddin Ladha ^{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 (NCVPRIPG) (Accepted)	--	Unrated
20	Balamurali A R ^{1,2,3} , Debraj Manna ² , 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
21	Naveen Nair ^{1,2,3} , Anandraj Govindan ² , Chander 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/l9r1h7mj787t343u/	--	B
22	Vikram Vishal ^{1,2,3}	An investigation into the stability of slope using geomechanical modelings	Proceedings of 98th Indian Science Congress, 2010-2011 (Accepted)	--	Unrated
23	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 (Accepted)	--	Unrated

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24	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 (Accepted)	--	Unrated
25	Naveen Nair ^{1,2,3} , Ganesh Ramakrishnan ² , Shonali Krishnaswamy ³	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/dn36l81331l3181g/	--	B
26	Kunal Singh ^{1,2,3} , V.K.Srivastava	Geoseismic characteristics of Kutchh region, Gujarat, India	International Conference IACMAG-2011 (Accepted)	--	A
27	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
28	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
29	Deval Bhamare ^{1,2,3} , Ashutosh Upadhayaya ² , Saurabh Mehta ² , Ashwin Kshirasagar ² , Ashwin Gumaste ²	The BVID Allocation Problem in 802.1Qay Provider Backbone Bridged Traffic Engineered Networks	ICC 2011 (Accepted)	--	B
30	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 (Accepted)	--	Unrated
31	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 (Accepted)	--	A
32	Shamsuddin Ladha ^{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 (Accepted)	--	Unrated
33	Balamurali A R ^{1,2,3} , Aditya Joshi ² , Pushpak Bhattacharyya ²	Robust Sense-Based Sentiment Classification	ACL2011-Association of Computational Linguistics (Accepted)	--	A
34	Sharadwata Pan ^{1,2,3} , Duc At Nguyen ³ , P. Sunthar ² , T. Sridhar ³ and J. Ravi Prakash ³	The Shear Rheology of Semi-Dilute DNA Solutions	CHEMECA 2011 (Accepted)	--	B

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35	Amarin G McDonnell ³ , Sharadwata Pan ^{1,2,3} , David Hill ³ , Michael K Danquah ³ , James R Friend ³ , Leslie Y Yeo ³ , Ranganathan Prabhakar ³	Microfluidic Extensional Rheology of Suspensions of Motile Microbes	CHEMECA 2011 (Accepted)	--	B
36	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 (Accepted)	--	A
37	R. Adari ² , B. Sarkar ² , T. Patil ² , D. Banerjee ^{1,2,3} , P. Suggiseti ² , 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) (Accepted)	--	Unrated
38	D Banerjee ^{1,2,3} , T Pramanik ² , R Adari ² , T Patil ² , P Suggiseti ² , Swaroop Ganguly ² , Dipankar Saha ²	Effect of Drift on Spin Polarization in a Spin-LED	MMM 2011 (Accepted)	--	Unrated
39	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) (Accepted)	--	Unrated
40	Ajay Nagesh ^{1,2,3} , Ganesh Ramakrishnan ² , Laura Chiticariu, Rajasekar Krishnamurthy, Frederick Reiss	Rule Induction for Annotation Query Language	20th ACM Internation Conference on Information and Knowledge Management (Submitted)	--	A
41	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 (Accepted)	--	A
42	Sharadwata Pan ^{1,2,3} , D. A. Nguyen ³ , 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 (Accepted)	--	Unrated
43	Siddharth Gadkari ^{1,2,3} , Rochish Thaokar ²	Effect of viscosity ratio on liquid-liquid jets subjected to radial/axial electric field.	64th Annual Meeting of the APS Division of Fluid Dynamics (Accepted)	--	Unrated
44	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) (Accepted Abstract)	--	Unrated
45	Ashutosh Kainthola ² , Dhananjai Verma ^{1,2,3} , T N Singh ²	Numerical simulation of a Road cut slope along SH-72, Mahableshwar, Maharashtra, India	GEO Summit-2011 Annual Convention on Geo-Spatial Technologies and Application (Accepted)	--	Unrated
46	Jyoti M. Bhat, Sukriti Goel ^{1,2,3}	Mining Transaction Data for Process Instance Monitoring in Legacy Systems	American Conference on Informaiton Systems 2011 (AMCIS 2011) (Accepted)	--	A

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47	Balamurali A R ^{1,2,3} , Subhabrata Mukherjee, Akshat Malu, Pushpak Bhattacharyya ²	Leveraging Sentiment to Compute Word Similarity	Global WordNet Conference,2012(GWC) (Accepted)	--	C
48	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(Accepted)	--	A
49	Jasvipul S. Chawla ^{1,2,3} , Shashikanth Suryanarayanan ² , and Bhalchandra Puranik ² , Brian G. Falzon ³	Efficiency Improvement Through Surface Suction for NACA0012 Airfoils at Low Reynolds Number Flows	AIAA conference (Submitted)	--	B
Conference Presentations and Posters					
50	B.S. Padekar ^{1,2,3} , V.S.Raja ² , R. K. Singh Raman ³	Stress Corrosion Cracking Behavior of a Magnesium Alloy	63rd ATM, Indian Institute of Metals, 2009 (NMD-ATM Kolkata)	--	Unrated
51	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
52	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) Materials Science Forum Vol. 690 (2011) pp 361-364 Online available since 2011/Jun/14 at www.scientific.net © (2011) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/MSF.690.361	--	Unrated
53	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
54	Amrita V. Poyekar ^{1,2,3} , Arup R. Bhattacharyya ² , Rupesh A. Khare ² , Jitendra K. Mishra ² , Subhabrata Dhar ² , George P. Simon ³	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
55	Priyanka Gupta ^{1,2,3} , Kerry Hourigan ³ , Sameer Jadhav ² , Jayesh Bellare ² , Paul Verma ³	Comparison of tropoelastin with gelatin and matrigel as attachment matrix for mouse embryonic stem cells	2nd Annual Meeting of Stem Cell Research Forum of India, 2011 (Accepted), Poster	--	Unrated
56	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
57	Gottimukkala Chittibabu ^{1,2,3} , R. L. Coppel ³ , S. B. Noronha ²	Production of Malaria vaccine candidate MSP-5 in Bacillus subtilis	111th General Meeting of the American Society for Microbiology, Poster	--	Unrated

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58	Gottimukkala Chittibabu ^{1,2,3} , S. B. Noronha ² , R. L. Coppel ³ ,	Secretory Expression of Functional Malaria Vaccine Candidate Plasmodium Falciparum MSP-1 ₁₉ (Pf MSP-1 ₁₉) from Bacillus Subtilis	SIM 2011 Annual Meeting and Exhibition (Poster)	--	Unrated
59	R Chakrabarti ^{1,2,3} , S Patankar ² , RL Coppel ³ , BM Cooke ³	Understanding microtubule function and dynamics in <i>Babesia</i> parasites.	2011 Australian Society for Parasitology (ASP) Annual Conference (Poster)	--	Unrated
60	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
61	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