

**International Conference on
OPERATIONAL RESEARCH FOR URBAN AND RURAL DEVELOPMENT (ORURD)
December 15-17, 2010**

Organized by Thiagarajar College of Engineering Madurai – 625015 & ORSI-Madurai Chapter

Selected list of Papers for Journal Publication

S.No	Paper code	Title	Author	Affiliation
1.	OR001	A study on Milk supply chain of Tamilnadu Cooperative Dairy Industry	M. Subburaj, T. Ramesh Babu , M. Kannan, E. Gladstone	Mr M. Subburaj Research Scholar, Department of Industrial Engineering, College of Engineering Guindy, Anna University, Chennai-25. subburaj.aiht@gmail.com
2.	OR006	Supplier performance enhancement using fuzzy AHP, Fuzzy Topsis and fuzzy qfd methods	R.Parameshwaran and C.Baskar	Mr. R. Parameshwaran, Head, Department of Mechatronics Engineering, Kongu Engineering College, Perundurai - 638 052, Erode baschelladurai@gmail.com , parameshwaran76@gmail.com
3.	OR018	Variants of GA in Vehicle Routing Problems: The State of the Art	Radha Gupta, Bijena Singh, Ravi Kumar R	Radha Gupta Department of Mathematics, SBMJCE University, Karnataka, INDIA Pincode 562 112. radha.gaurav.gupta@gmail.com , bijenasingh@yahoo.com , ravikumarindur@gmail.com
4.	OR028	Application of operation research techniques through geographical information system in power line routing	N. Vijayee and G.Ganesh	gurunathanganesh@gmail.com , EEGIS@TNEBNET.ORG , Manthrraviji@yahoo.com
5.	OR032	Improving operations research (or) models	S. Srinivasan	S. Srinivasan, Professor, IEM department, IIT/Kharagpur - 721302.West Bengal state ssvasan@vgsom.iitkgp.ernet.in
6.	OR056	Optimal blood inventory management using combined Analytical Hierarchy Process and Goal Programming approach	N. Arunkumar, S. Godwin Barnabas and R. Satish	N. Arunkumar, Department of Mechanical Engineering, St.Joseph's College of Engineering, Old Mamallapuram road, Chennai-600 119 narunkumar72@yahoo.com , goddwin@rediffmail.com , sai_27r123@rediffmail.com
7.	OR058	Bayesian Inference for Cervical Carcinoma Cancer in Survival Analysis	Chi-Chang Chang, Gin-Den Chen	Chi-Chang Chang, School of Applied Information Sciences, Chung Shan Medical University and Information Technology Office, Chung Shan Medical University Hospital, Taichung, Taiwan threec@csmu.edu.tw , threec@saturn.yzu.edu.tw

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S.No	Paper code	Title	Author	Affiliation
8.	OR065	An Application of Fuzzy Set Theory and Causal Loop Diagram to Analyze Risk Factors Influencing Price Fluctuation in Agro Food Supply Chain	Jedsada Tipmontian, K. Suryprakasa Rao, A. Saravana Mariappan, and S. Manoj Kumar	Jedsada Tipmontian, Department of Industrial Engineering, CEG Campus, Anna University, Chennai 600-025, tjedsada@gmail.com
9.	OR067	Application of decision support system in cost reduction – A case study in ITC Ltd PSPD, unit: kovai	P. Nancy	Ms. P. Nancy No:23, Vaanamaamalai 2nd cross street, Bye pass road, kaalavasal, Madurai-10, nancynargunam@gmail.com
10.	OR122	GA based approach for Balanced Multi-robot task allocation in VLSI application	M. Elango and SP. Nachiappan	M. Elango, Department of Mechanical Engineering, Thiagarajar College of Engineering, Madurai – 625015, memech@tce.edu
11.	OR124	Does Triple Bottom Line Pay: Empirical Evidence from the Indian Industries	Deepak Iyengar, Saurabh Jain, Shashank S. Rao and Shwetank Sahai	Mr. Deepak Iyengar, Mr. Saurabh Jain, Mr. Shashank S. Rao and Mr. Shwetank Sahai Visiting Assistant Professor, Indian Institute of Management Indore, Corresponding Author Post Graduate Student 1st Year, Indian Institute of Management Indore Assistant Professor, Nova Southeastern University, Florida, U.S.A. Post Graduate Student 2nd Year, Indian Institute of Management Indore
12.	OR128	Stochastic Modelling For Two Stage Mutant Cell Growth Problems Under Chemotherapy	P. Kalpana, P. Tirupathi Rao and C.L. Usha	Ms. P. Kalpana, Dept. of Statistics, S.V. University, Tirupati - 517 502., kalpana_stat@yahoo.com
13.	OR129	A modified directional distance formulation of DEA to assess bankruptcy: an application to IT companies in India	T.P.M. Pakkala, Udaya Shetty and T. Mallikarjunappa	T.P.M. Pakkala Mangalore University, Department of PG Studies and Research in Statistics, Mangalagangothri -574 199, Mangalore, tpm_pakkala@yahoo.com
14.	OR133	Design of optimal UG administration policies for bivariate linear birth and death mutant cell growth problems	T. Ganesh, P.R.S. Reddy and P. Tirupathi Rao	T. Ganesh, Dept. of Statistics, S.V. University, Tirupati – 517 502 ganimsc2007@gmail.com

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S.No	Paper code	Title	Author	Affiliation
15.	OR041	Optimizing Total Weighted Tardiness Of Single Machine Scheduling Problem	P. Udhayakumar, P.G. Gurusamy Pandian	P. Udhayakumar, Assistant Professor, Department of Mechanical Engineering, K.L.N. College of Engineering, Pottapalayam – 630 611 udhaya_kannan@yahoo.com
16.	OR046	A Experimental Study Of Jet Compressor Characteristics In Engine Exhaust	Mohan Kumara Mangalam.S, Vivekanandhan.P, Somurajan.K.V,Devi.P	Mohan Kumara Mangalam.S, Lecturer, Anand Institute of Higher Technology, Chennai-603 103. Mohan_et@yahoo.co.in, vivekjp@yahoo.co.in, devi_cpt@yahoo.co.in
17.	OR047	Optimal Segmentation Mix Of Hotel Rooms Using Dynamic Programming	Nur Effa Abu Bakar, Sahubar Ali Mohamed Nadhar Khan, and Shamsudin Ibrahim	Nur Effa Abu Bakar, Quantitative Sciences, UUM College of Arts and Sciences, Universiti Utara Malaysia, 06010 Sintok, Kedah, Malaysia ,nur_effa.abubakar@yahoo.com; sahubar@uum.edu.my; sham849@uum.edu.my
18.	OR068	Scheduling parallel non-identical batch processing machines with a single job family, non-identical job dimensions and non-identical job sizes	M. Ramasubramaniam, . M. Mathirajan	M. Ramasubramaniam, Centre for Logistics and Supply Chain Management, Loyola Insitute of Business Administration, Chennai – 600 034, rams@liba.edu, msdmathi@mgmt.iisc.ernet.in
19.	OR070	A Production Lot-Size Model for Perishable Items under Two Level Trade Credit Policy for a Retailer with a Powerful Position in a Supply Chain System	Gour Chana Mahata	Gour Chana Mahata, Assistant Professor, Department of Mathematics, Sitananda College, P.O. + P.S. – Nandigram, Dist. – Purba Medinipur, PIN – 721631, West Bengal. gourmahata@yahoo.co.in.
20.	OR071	Full truck load (TL) transportation service procurement – a literature review approach	R. Jothi Basu, SP.Nachiappan Ferry Jie	R. Jothi Basu, Department of Mechanical Engineering, Sethu Institute of Technology, Virudhunagar Dt, basurj_be@yahoo.co.in
21.	OR073	Supply Chain Optimization using Mathematical models	N.Chitra, S. Jeyabharathi and G.Latha	N. Chitra, Department of Mathematics, Thiagarajar College of Engineering, Madurai nchitra@gmail.com,ncmat@tce.edu, sjbmat@tce.edu, poun.raghavena@rediffmail.com

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S.No	Paper code	Title	Author	Affiliation
22.	OR079	Particle swarm optimization algorithm for the hybrid flow shop scheduling problems	M.K.Marichelvam and T.Prabaharan	M. K. Marichelvam, Assistant professor, Department of Mechanical Engg., Kamaraj college of Engg. & Technology, Virudhunagar – 626 001. Mkmarichelvamme@gmail.com
23.	OR089	Estimation of Trip Distribution Matrices through Entropy Maximization with Affine Fuzziness	Hamadou Kaffa, Luis Gustavo Zelaya Cruz, Marina Roigues Brochado and Felix Mora-Camino	Hamadou Kaffa, Africarail, Niamey, Niger, kaffahamadou@yahoo.fr , Dep. Ind. Eng. , Universidade Federal Fluminense, Rio das Ostras, RJ, Brasil, lgustavozelaya@hotmail.com , marinabrochado@gmail.com , , felix.mora@enac.fr
24.	OR094	Assessment of cancer cell growth with spontaneous mutation and proliferation through stochastic modeling	K. Madhavi, S. Ramakrishna P.R.S. Reddy and P. TirupathiRao	K. Madhavi, Dept. of Mathematics, S.V. University, Tirupati – 517 502, madhavikunchi@ymail.com , sramakrishna@yahoo.com , putharsr@gmail.com , trpadi@gmail.com
25.	OR101	Three Dimensional Stochastic Programming On Optimal Chemotherapy For Cancer Treatment	A.V.S. Suhasini, P.R.S. Reddy And P.Tirupathi Rao	A.V.S. Suhasini, Dept. of Statistics, S.V. University, Tirupati – 517 502 avssuhasini@gmail.com , putharsr@gmail.com , trpadi@gmail.com
26.	OR103	Computing the probability mass function of the maximum flow through a reliable network	Megha Sharma	Megha Sharma, Faculty, OM Group, Indian Institute of Management Calcutta, Kolkata -700104. megha@iimcal.ac.in
27.	OR108	Operations Research models in private Cricket team selection and analysis – Some instances from Indian Premier League.	G Srinivasan and Ajay Das	G Srinivasan Department of Management Studies Indian Institute of Technology Maas 600036, India gsrini@iitm.ac.in
28.	OR111	Profit maximization over a finite horizon	F.J. Arcelus , T.P.M. Pakkala and G. Srinivasan	F.J. Arcelus, Emeritus Professor, University of New Brunswick, Canada Department de Gestión de Empresas, Universidad Pública de Navarra Campus de Arrosadía, 31006 Pamplona, Navarra, Spain; arcelus@unb.com , tpm_pakkala@yahoo.com , srini@unb.ca

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S.No	Paper code	Title	Author	Affiliation
29.	OR112	An Alternative Framework for Genetic Algorithms for Combinatorial Optimization Problems	Diptesh Ghosh	Diptesh Ghosh, Production & Quantitative Methods Area, IIM Ahmedabad, Vastrapur, Ahmedabad 380015, Gujarat, India. diptesh@iimahd.ernet.in
30.	OR115	A three-stage model for the transportation network	Sri Vanamalla. V,	Sri Vanamalla. V, Assistant Professor, Department of Mathematics, Global Academy of Technology, Ideal Home Township, Rajarajeshwari Nagar, Bangalore-560098 vanamala_sundar@yahoo.co.in
31.	OR116	Solution to the multi-period fixed charge distribution problem using LINGO Solver	N.Balaji And N.Jawahar	N.Balaji Sri Krishna College of Engg. Tech., Coimbatore. rajbalaji2001@yahoo.co.in
32.	OR117	Experimental analysis of approximate algorithm for metric Travelling salesman problem	Manish Kumar M, Swetha Prasad and N. Guruprasad	Manish Kumar M, VII Sem – Dept. of Computer Science & Engineering, PES Institute of Technology, Bangalore 85, INDIA , swethaprasad20@gmail.com
33.	OR163	Study on the adoption of Project Portfolio Selection models for Project Portfolio Management in an Indian organization	Prof.Vivekanand B.Khanapuri, Pradeep K. Kalampukatt, and K.Pradeep Kumar	Vivekanand B.Khanapuri, Associate Professor, National Institute of Industrial Engineering, Mumbai e-mail: vbkhanapuri@gmail.com , kpradeepk@gmail.com ,
34.	OR165	Designing A Tele-Medical Transportation Management System	Mukul Gupta, Saurabh Yadav, Vivek Mittal and .Preetvanti Singh	Mukul Gupta, Dept. of Phy. & Computer Science, Faculty of Science, Dayalbagh Educational Institute, Dayalbagh, Agra – 282005 gupta_mukul@rediffmail.com , saurabhdei.yadav@gmail.com , viv.k.mittal@gmail.com , preetvantisinh@gmail.com
35.	OR144	Applications of Genetic Algorithms for Solving Multilevel Fractional Programming Problems	Tarni Mandala and A. Ghosh	Tarni Mandal, Assistant Professor, Department of Mathematics, National Institute of Technology, Jamshedpur-831014, tmandal_nitjsr@rediffmail.com , agritjsr@gmail.com

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S.No	Paper code	Title	Author	Affiliation
36.	OR147	Genetic algorithms using latin square representations for the three dimensional planar assignment problem	.G.Velammal and D.Selvi	D.Selvi, Senior lecturer, Sethu institute of Tech, Kariapatti, selvidofmadurai@yahoo.com , gvelammal@yahoo.com
37.	OR149	A single server Poisson input queue with two optional services	Kasturi Ramanath and K.Kalidass	Kasturi Ramanath and K.Kalidass, School of Mathematics, Madurai Kamaraj University, Madurai – 625021, India. kasturey@gmail.com dassmaths@gmail.com
38.	OR151	A Solution Framework for a Two-Stage Integrated Scheduling Problem Automobile Gear manufacturing	R. Gokhale, M. Mathirajan	R. Gokhale , 1Assistant Professor, Symbiosis Centre for Management and Human Resource Development, Pune, 411 057, India. ravina_gokhale@scmhrd.edu , msdmathi@mgmt.iisc.ernet.in
39.	OR153	An M=G=1 retrial queue with a singlevacation scheme	K .Lakshmi and Kasturi Ramanath	K. Lakshmi and Kasturi Ramanath School of Mathematics, Madurai Kamaraj University, Madurai – 625021, India. Lakshmikrishna80@yahoo.com kasturey@gmail.com
40.	OR180	Design and Development of Traveler Information Assistance System	Jitena Sharma, Sunil Pratap Singh and Preetvanti Singh	Jitena Sharma, Dept. of Phy. & Computer Science, Faculty of Science, Dayalbagh Educational Institute, Dayalbagh, Agra – 282005 jksharmamca@gmail.com , sunil_pratap@rediffmail.com , preetvantisingh@gmail.com
41.	OR183	Optimal Decision “build-or-buy” for Component Selection for a Fault Tolerant Modular Software System under Recovery Block Scheme	P.C. Jha Ritu Arora and U. Dinesh Kumar	P. C. Jha, Department of Operational Research, Faculty of Mathematical Sciences University of Delhi, Delhi – 110007 “Jha P.C.” < jharc@yahoo.com >
42.	OR184	A Fuzzy Approach for Optimal Components Selection for Modular Software System under Consensus Recovery Block scheme Incorporating Execution Time	P.C. Jha, Shivani Baliand and U. Dinesh Kumar	P. C. Jha, Department of Operational Research, Faculty of Mathematical Sciences University of Delhi, Delhi – 110007 “Jha P.C.” < jharc@yahoo.com >

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S.No	Paper code	Title	Author	Affiliation
43.	OR185	Optimal Advertising Control Policy for a New Product with Dynamic Potential Adopter Population in Segmented Market	P. C. Jha, Kuldeep Chaudhary	P. C. Jha, Department of Operational Research, Faculty of Mathematical Sciences University of Delhi, Delhi – 110007 “Jha P.C.” <jhapc@yahoo.com>
44.	OR186	A Chance Constraint Goal Programming Approach to Component Selection for a Fault Tolerant Modular Software System under Consensus Recovery Block Scheme	P.C. Jha, Vikram Bali and S.C. Malik	P. C. Jha, Department of Operational Research, Faculty of Mathematical Sciences University of Delhi, Delhi – 110007 “Jha P.C.” <jhapc@yahoo.com>
45.	OR187	A Fuzzy Goal Approach To Media Selection In Segmented Market For Multi Products	P.C Jha, Remica Aggarwal Anshu Gupta	P. C. Jha, Department of Operational Research, Faculty of Mathematical Sciences, University of Delhi, Delhi – 110007 “Jha P.C.” <jhapc@yahoo.com>
46.	OR194	Robotic Assembly of Printed Circuit Board using Evolutionary Algorithms	A.K.Shrivastava and S.S.Mahapatara	A.K. Shrivastava, Research Scholar, National Institute of Technology, Rourkela76900, INDIA amu.nitrkl@gmail.com, mahapatrass2003@gmail.com
47.	OR201	Comparing Hierarchical Clustering Methods for Breast Tumor Data sets	Jayanthi Ranjan	Jayanthi Ranjan, Professor IT, IMT Ghaziabad , jranjan@imt.edu
48.	OR204	A Catastrophic-cum-Restorative Queuing Problem with Correlated Input and Impatient Customers	Rakesh Kumar	Rakesh Kumar Lecturer, School of Mathematics, Shri Mata Vaishno Devi University, Katra (J&K) India-182320. Email: rakesh_stat_kuk@yahoo.co.in, rakesh.kumar@smvdu.ac.in
49.	OR210	On a New Transportation Problem	M. Basu, D. Acharya and A. Das	M. Basu, Department of Mathematics University of Kalyani, Kalyani-741235 W.B., India. “manjusri basu” <manjusri_basu@yahoo.com>

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S.No	Paper code	Title	Author	Affiliation
50.	OR211	An Integrated ISM and QFD Approach for Improving Performance of Reverse Supply Chain	S. K. Sharma, S.S. Mahapatara	S.K.Sharma, Research Scholar, Department of Mechanical Engineering National Institute of Technology, Rourkela76900, INDIA, santoshsharma@csitdurg.in , mahapatrass2003@gmail.com
51.	OR212	Sequencing Heuristics for Bottle-neck Machine with Non-preemptive Operations under Varying Objective	R. Subhaa	R. Subhaa , Assistant Professor-2, Department of Mechanical Engineering, KLN college of Engineering, Madurai. “Subhaa Rajarajan” < rsubhaa@yahoo.com >
52.	OR216	Modeling a front sub-frame welding line using simulation	K.N. Subramanya & N S. Narahari	K.N. Subramanya, Professor, Department of Industrial Engineering & Management, R V College of Engineering, Bangalore – 560 059 nsnarahari@gmail.com / sansa96@gmail.com
53.	OR218	Two-echelon supply chain coordination via retail pricing And revenue sharing	Avijit Banerjee Ruo Du and Xiangrong Liu	Avijit Banerjee, Department of Decision Sciences exel University Philadelphia, PA 19063, USA banerjea@exel.edu
54.	OR221	Performance Analysis Of The Budgeted Weighted Round Robin Scheduler	Mohit Singh	Mohit Singh Assistant Professor, Department of Information Technology, Meerut Institute of Technology, Meerut “Mohit Singh” < gmohitsingh@gmail.com >
55.	OR126	Performance Comparision Of Various Manufacturing Systems In A Mixed Model Production Line	V V Senthil Kumar and P S S Prasad	V V Senthil Kumar, Research Scholar – Dept of Mechanical Engineering, PSG College of Technology, Coimbatore – 641004. vvsenthilkumar@yahoo.com
56.	OR171	Decision support system for two wheeler manufacturer assembly	S.Palanisamy and PL. K. Palaniappan	S.PALANISAMY,PG scholar in Production Engineering., Department of Mechanical EngineeringThiagarajar College of engineering, Madurai-625015.E-Mail: palani_samy29@yahoo.com
57.	OR172	Global Marketing and Challenges in Automobile Industries	Sri Saila malikarjun, R. Muruganandam, Nagarajan, K, Ravichanan and Uthanda Ganesh	R. Muruganandam, Asst professor,Dept of Mech Engg. TCE,Madurai-15, rmmech@tce.edu

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S.No	Paper code	Title	Author	Affiliation
58.	OR229	Threshold Accepting & Ant Colony Optimization Algorithm for Flow Shop Scheduling	R.Kamalakann	R.Kamalakannan, Senior Lecturer Department of Mechanical Engineering, Vickram College of Engineering, Sivagangai, 630 561. kamalbritto@yahoo.co.in
59.	OR232	A Pattern Recognition Lexi Search Approach To Generalized Timedependent Travelling Salesman Problem	U. Balakrishna, M. Sundara Murthy	prasanti_balu@rediffmail.com, deekshitha_balu@rediffmail.com
60.	OR233	An Inventory Model for Product Life Cycle (Maturity Stage)with Defective Items	C .Krishnamoorthi	C. Krishnamoorthi Assistant Professor in Mathematics, KGiSL Institute of Technology srivigneswar_ooty@yahoo.co.in
61.	OR240	Design of a Mechatronic ive train with Regenerative Braking	S.Veera Ragavan1, S.G.Ponnambalam1, and Jeya Mithra Kumar	S. Veera Ragavan,Monash University Sun-way campus, Malaysia, Jalan Lagoon Selatan, Bandar Sunway, 46150Selangor Darul Ehsan, Malaysia. veera.ragavan@eng.monash.edu.my,sg.ponnambalam@eng.monash.edu.mymitran@hotmail.com
62.	OR243	Mixed integer linear programming model for multi-commodity, single depot inventory routing problem	N. Ramkumar, P. Subramanian, T.T. Narendran and K. Ganesh	N.Ramkumar, ,Department of Management Studies, Indian Institute of Technology Maas, Chennai – 600036, Tamilnadu, India Dr. K. Ganesh,Global Business Services – Global Delivery, IBM India Private Limited, Bana East, Mumbai – 400051, Maharashtra, India. koganes@yahoo.com ganesh.ko@in.ibm.com, ramkumar.kpm@gmail.com; sathish.subramanian84@gmail.com; ttn@iitm.ac.in
63.	OR244	A Multi Objective Network Design Model For Single Period, Multi Product Closed Loop Supply Chain	P. Subramanian, N. Ramkumar , T.T. Narenan and K. Ganesh	Mr. P.Subramanian1, Mr. N.Ramkumar1 , Prof. T.T .Narendran Department of Management Studies, Indian Institute of Technology Maas, Chennai – 600036, Tamilnadu, India sathish.subramanian84@gmail.com; ramkumar.kpm@gmail.com; ttn@iitm.ac.in K.Ganesh,Global Business Services – Global Delivery, IBM India Private Limited, Bana East, Mumbai – 400051, Maharashtra, India. koganes@yahoo.com ganesh.ko@in.ibm.com

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S.No	Paper code	Title	Author	Affiliation
64.	OR246	Study of Multi-Commodity Network Flow Problem for the Patient Distribution System	R.A. Malairajan, K. Ganesh, M. Punniyamoorthy and S.C. Lenny Koh	Department of Mechanical Engineering, Anna University Tirunelveli, Tuticorin Campus, Tuticorin, Pin-628003, TamilNadu, India. Email: mount_king1@yahoo.co.in Global Business Services – Global Delivery, IBM India private Limited, Bana East, Mumbai – 400051, India. Email: koganesh@yahoo.com; ganesh.ko@in.ibm.com Department of Management Studies, National Institute of Technology Tiruchirappalli, Tiruchirappalli – 620015, TamilNadu, India Email: mpuniya@yahoo.co.in 4Logistics and Supply chain Management Research Group, Management School, University of Sheffield, Sheffield, S102TN, UK, Email: s.c.l.koh@sheffield.ac.uk
65.	OR037	A Fuzzy Stochastic JELS Model with Gamma Distribution	Gitanjali Panda and Snehalata	Dr. Gitanjali Panda Dept. of Mathematics, IIT Kharagpur-721302, India r.geetanjali.p@gmail.com, snehabehura@yahoo.co.in
66.	OR 012	Assembly Line Balancing: Study of Real Life Problem	Mugale Umesh S. Nandedkar Vilas M.	Mr. Mugale Umesh S., Research Student, S.G.G.S.College of Engg. & Technology, Nanded., usmugale@rediffmail.com, vmnandedkar@yahoo.com
67.	OR 038	Neighborhood Reduction Strategies for Tabu Search Implementation in Asymmetric Traveling Salesman Problems	Sumanta Basu	Sumanta Basu Indian Institute of Management, Calcutta D.H. Road, Joka, Kolkata – 700104 Email: sumanta@iimcal.ac.in
68.	OR 060	A Multi-Criteria Group Decision Making Model For The Selection Of Disassembly Centre Location In Reverse Logistics	K.Arun Vasantha Geethan , .S.Jose , S.Godwin Barnabas & Kota Praveen Kumar	Research Scholar, Department of Mechanical Engineering, Sathyabama University, Chennai, India, email: kavgeeth@yahoo.co.in 2. Principal, Loyola-ICAM College of Engineering & Technology, Chennai, India, email: jose_jose@rediffmail.com 3. Asst.Professor, Department of Mechanical Engineering, St.Joseph's College Of Engineering, Chennai, India, email: goddwin@rediffmail.com 4.Final year – U.G, Department of Mechanical Engineering, St.Joseph's College Of Engineering, Chennai, India, email: kpkprofessional@yahoo.co.in

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69.	OR104	Markov Decision Process in Service Facility Systems	G. Michael Rosario and C. Elango	G. Michael Rosario Associate Professor, Department of Mathematics Jayaraj Annapackiam College for Women Periyakulam. 625 601 Tamilnadu – India., E-mail: tony87rio@gmail.com
70.	OR138	Investigations on the use of chance constraints in Aggregate production planning	Anish Aryan, Jayenan Venkateswaran	Anish Aryan Student, Industrial Engineering & Operations Research, Indian Institute of Technology Bombay, Powai, Mumbai – 400076 jayanen@iitb.ac.in
71.	OR156	Supply Chain Management at Akshaya Patra	Ghosh, Atanu; Raghuram, G and Mitra, Shravanti	Raghuram, G
72.	OR238	The Oil Tankers Despatching Problem	Md. Nazimuddin Ahmed,	Md. Nazimuddin Ahmed, Assistant Professor, D.H.S.K. College, Dibrugarh-786001, Assam, India
73.	OR249	A Fast fingerprint Image Alignment Algorithms using Clustering Based Image Rotation Technique	D.Ashok Kumar1,M.Rajinikannan,	M.Rajinikannan, Head, Dept. of Computer Science, VSS Government Arts College, Tamilnadu, INDIA akudaiyar@rediffmail.com
74.	OR250	Humanitarian Relief Logistics: An exploratory study for need and importance of performance measurement system	A.S Narag, Amit Kumar Bardhan, Hamena Dangi	A.S Narag,,Faculty of Management Studies, University of Delhi, Delhi – 110007 e-mail: andynarag@fms.edu, amit-bardhan@fms.edu, hkdangi@fms.edu
75.	OR252	Variant Minimum Spanning Network Connectivity Problem	C. Suresh Babu1 & . M. Sundara Murthy	Research Scholar, Department of Mathematics, Sri Venkateswara University, Tirupati. suresh8044@gmail.com, profmurthy@gmail.com
76.	OR202	A New Approach for Solving the Network Problems	S. Purusotham* & M. Sundara Murthy	S. Purusotham, Research scholar, Department of Mathematics, Sri Venkateswara University, purusotham_82maths@yahoo.co.in , profmurthy@gmail.com

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77.	OR258	A Heuristic Generating Feasible Schedules for Group Technology Economic Lot Scheduling Problem	Vinay A. Shirodkar, *R.Sridharan and Madhusudanan Pillai	Mr. Vinay A. Shirodkar, R.Sridharan and Mr. Madhusudanan Pillai Associate Professor, Professor, Associate Professor Pae Conceicao College of Engineering, Verna, Goa. 403 722, India ,National Institute of Technology Calicut, Kerala 673 601, India vinayshirodkar@gmail.com sreedhar@nitc.ac.in vmp@nitc.ac.in
78.	OR261	Coding theory on h(x) fibonacci p-numbers Polynomials	Manjusri Basu, Bandhu Prasad	Manjusri Basu ,Department of Mathematics, University of Kalyani, Kalyani - 741235, INDIA. Bandhu Prasad Department of Mathematics, Kandi Raj College, Murshidabad, West Bengal, Kandi - 742137, INDIA
79.	OR263	Modeling call flow process delays in a cellular network using simulation	N S Narahari & K.N. Subramanya	N S Narahari & K.N. Subramanya Professor, Department of Industrial Engineering & Management, R V College of Engineering, Bangalore – 560 059 Ph: 080 – 67178052, 67178099 Fax: 080 – 2915050, E-mail: nsnarahari@gmail.com / sansa96@gmail.com
80.	OR264	GA Based Approach To Determine Base-Stock Levels In A Serial Supply Chain With Multiple Objectives And Forming Non- Dominated Fronts	Sharan Srinivas, Chanasekharan Rajenan and M.Rajmohan	Sharan Srinivas, Chanasekharan Rajenan and M.Rajmohan* Department of Industrial Engineering, College of Engineering Guindy Campus, Anna University, Chennai-25 Department of Management Studies, Indian Institute of Technology Maas, Chennai-36 *Corresponding author. E-mail: mrajmohan@gmail.com , rajmohan@annauniv.edu
81.	OR265	Application Of Analytic Hierarchy Procedure In Selecting Suppliers For Automated Welding Machine Manufacturer	Suchithra Rajenan, Preshmitha Rajagopal and M.Rajmohan	Suchithra Rajenan, Preshmitha Rajagopal and M.Rajmohan* Department of Industrial Engineering, College of Engineering, Guindy Campus, Anna University, Chennai 600025, India *Corresponding author. E-mail: mrajmohan@gmail.com , rajmohan@annauniv.edu
82.	OR086	The Perception Path Model for Behavioral Changes of a Patient towards Satisfaction	M.S.Rajena Kumar,. M. Z. Kurian, K.A.Krishnamurthy,	.M.S.Rajena Kumar, Prof & Head –IEM, Sri Siddhartha Institute of Technology, Tumkur. mrsmech@yahoo.co.in , mzkurianvc@yahoo.com , kak10746@rediffmail.com

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S.No	Paper code	Title	Author	Affiliation
83.	OR097	Three Dimensional Stochastic Modeling For Cancer Cell Growth Under Chemotherapy	M. Venkateswaran, P.R.S. Reddy And P.Tirupathi Rao	M. Venkateswaran Dept. of Statistics, S.V. University, Tirupati – 517 502. venky.swaran@gmail.com , putharsr@gmail.com , trpadi@gmail.com
84.	OR198	Cost Optimization for line haul transportation of 3PL players	Nitin K.V, Isha and Prof. L.S. Murty,	L.S. Murty, Professor, IIM Bangalore, Nitin K.V.Post Graduate Programme in Management (2009-2011) P- 115, Hostel Blocks, Indian Institute of Management Bangalore Bannerghatta Road, Bangalore, Karnataka, 560 076 ismurty@iimb.ernet.in , isha.dhiman09@iimb.ernet.in , nitin.v09@iimb.ernet.in
85.	OR 271	Detection of micro classification in digitised mammogram cancer	Yasoda and Ganeshkumari	KLN IT college
86.	OR 247	Development of Learning Design for Knowledge Management – A Case Study	S.Nagarajan ¹ K.Ganesh ² , M.Punniyamoorthy ³ and Balan Sundarakani ⁴	1 Department of Mechanical Engineering, Vickram College of Engineering, Sivagangai, Enathi-653061. Email: arsnagarajan@yahoo.com 2 Global Business Services – Global Delivery, IBM India private Limited, Bandra East, Mumbai – 400051, India. Email: koganesh@yahoo.com ; ganesh.ko@in.ibm.com 3 Department of Management Studies, National Institute of Technology Tiruchirappalli, Tiruchirappalli – 620015, TamilNadu, India Email: mpuniya@yahoo.co.in 4 Faculty of Business and Management, University of Wollongong in Dubai Block 14, Room 123 , Knowledge Village, Dubai, UAE. Email: balansundarakani@uowdubai.ac.ae